

MAINE STATE LEGISLATURE

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REPORT of the

MAINE STATE RETIREMENT SYSTEM

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1979

for the
FISCAL YEAR
ENDED JUNE 30, 1979

MAINE STATE RETIREMENT SYSTEM

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MAINE STATE RETIREMENT SYSTEM
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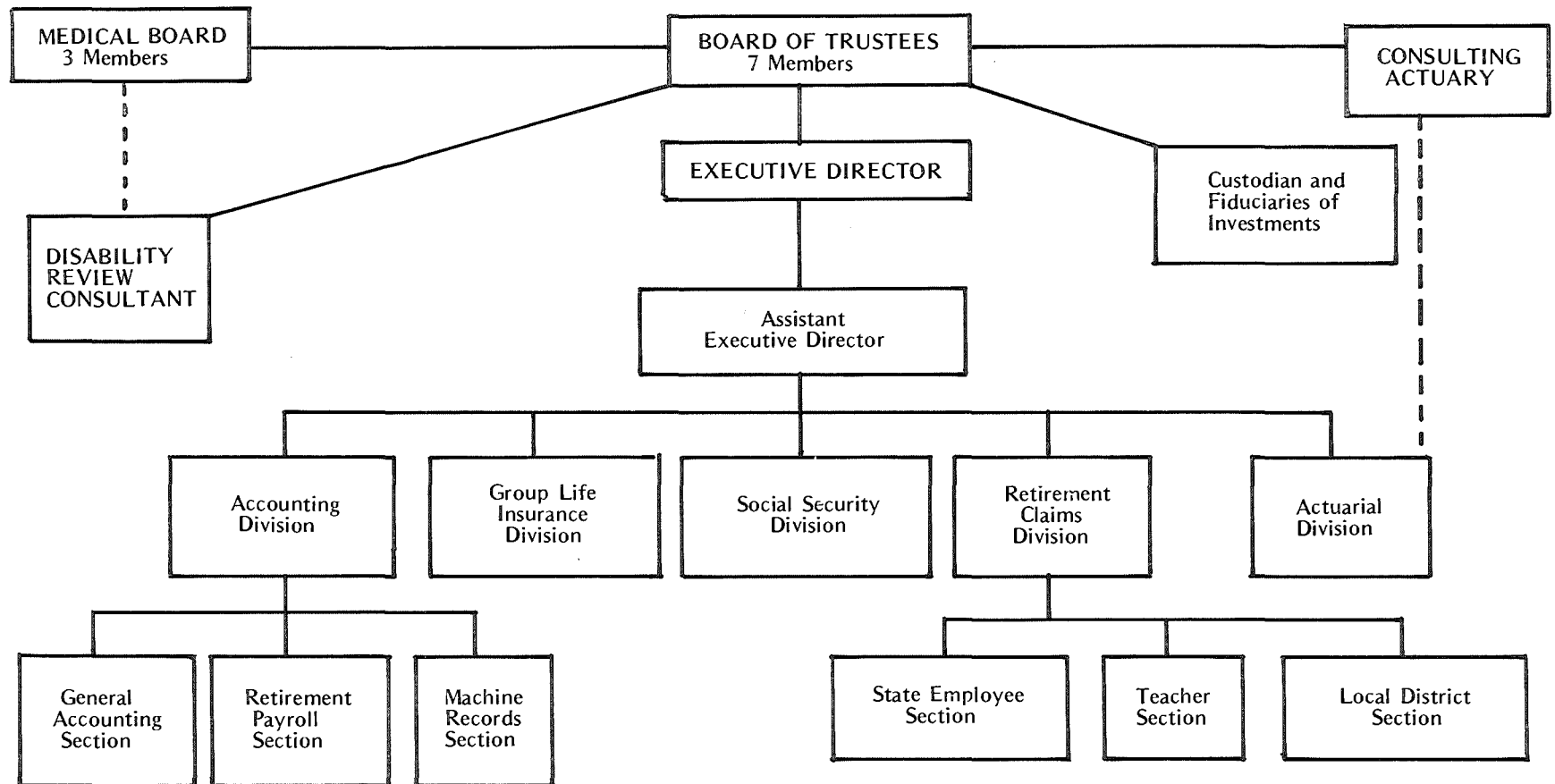


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Consulting Actuary:
Robert J. Towne, *F.S.A.*

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STATE OF MAINE

MAINE STATE RETIREMENT SYSTEM

STATE OFFICE BUILDING
STATE HOUSE STATION 46
AUGUSTA, MAINE 04333

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State Treasurer

January 29, 1980

Honorable Joseph E. Brennan
Governor of Maine
State House, Augusta

Members, 109th Legislature

Dear Governor Brennan and Members of the Legislature:

The Board of Trustees of the Maine State Retirement System submits herewith a report of the financial transactions of the System, and statements of the assets and liabilities for the year ended June 30, 1979. Also included are reports of the Actuary, the Investment Consultant, the Executive Director and the Group Life Insurance Underwriter. This report is submitted in accordance with the provisions of 5 MRSA, Section 1031, subsection 9.

Membership on the Board of Trustees is comprised of seven voting members and the State Treasurer, who is an ex-officio, non-voting member. Voting members include two members appointed by the Governor, subject to review and approval of the Joint Standing Committee on Aging, Retirement & Veterans, and confirmation by the Legislature, one member appointed by the Governor from a list of three nominees submitted by the Maine Retired Teachers Association, one member elected by the Maine Teachers Association, one member elected by the Maine State Employees Association, one member appointed by the Maine Municipal Association, and one member who is a recipient of a retirement allowance through the System, selected by the foregoing members.

The book value of the M.S.R.S. investments was \$247,923,507 at June 30, 1979. This amount was represented by bonds (\$111,107,155), common stocks (\$105,688,127),

mortgage/type (\$25,128,498), insured guaranteed contract (\$5,000,000) and a time deposit (\$999,726).

Earnings on investments totalled \$16,881,815 during the year. The rate of return on the investments owned by the System for the year ended June 30, 1979, was 6.74% based upon the book value of investments.

Funds collected through the Augusta office are deposited in the State Treasury. During the fiscal year ended June 30, 1979, interest on cash balances held in the State Treasurer's "Cash Pool" averaged 9.54%.

Investments in common stock are made in anticipation that the market value will appreciate over the period of ownership. The market value of M.S.R.S. common stock at June 30, 1979, was \$117,082,848, which was \$11,394,721 more than the cost or book value.

The time-weighted rate of return on investments under management by the System's investment managers was 11.1% for the twelve months ending June 30, 1979. This measurement is based on the market value of securities and includes investment earnings.

The System's Actuary utilizes book value (adjusted for losses) on fixed income securities in computing investment return, and book value with five-year average market gains and losses in computing investment return on equities. The actuarially determined return on investments for the year was:

Fixed Income	7.96%
Equities	<u>7.92%</u>
All Assets	<u>7.94%</u>

The actuarial investment return on all assets (7.94%) is used in the determination of funding requirements by the Trustees.

The Board of Trustees adopted revised actuarial assumptions and mortality tables effective July 1, 1978, as follows:

Investment Earnings	8-1/2%
Salary Scale	5-1/2%
Cost-of-Living	4%

Mortality Tables (Group Annuity Mortality Tables)

Teachers	1971 (set back 2 years)
State Employees	1971
Local District Employees	1951

Governor Joseph E. Brennan
Members, 109th Legislature
Page 3 - January 29, 1980

The adoption of new mortality tables resulted in significant increases in appropriation requests for the 1978/79 and 1979/80 biennium.

The first regular session of the 109th Legislature adjourned leaving serious funding problems for the System; however, a special session of this same Legislature provided the funding requested by the Trustees for the first year of the biennium, and further provided for a select committee to study the Maine State Retirement System operation, including funding, contributions, benefits, investment policies and all other aspects of the System.

Very truly yours,

A handwritten signature in dark ink, appearing to read "William G. Blodgett", with a long horizontal flourish extending to the right.

William G. Blodgett,
Executive Director for
the Board of Trustees,
Maine State Retirement System

TOWNE & ASSOCIATES

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QUECHEE, VERMONT

January 25, 1980

Robert Bourgault, Chairman
Board of Trustees
Maine State Retirement System

Dear Mr. Bourgault,

Enclosed is our report on the actuarial valuations we have made, as of June 30, 1979, of the assets and liabilities of the funds of the Maine State Retirement System. The valuations have been made on the basis of the actuarial assumptions that the board of trustees has adopted, in accordance with the provisions of the Maine State Retirement System Laws.

Respectfully submitted,
Towne & Associates


By 
Robert J. Towne, President
Fellow, Society of Actuaries

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SECTION A
SUMMARY OF REPORT

1. Scope of Report

a) Purpose of the actuarial valuations

The purpose of the actuarial valuations was to secure the following information that is required under the Maine State Retirement System Laws:

- i) The financial condition of the retirement system as revealed by an actuarial valuation of the assets and liabilities of the system, to be shown in the annual report of the board of trustees of the retirement system, as provided in subsection 9 of section 1031 of said laws, and
- ii) The percentage rates of contributions payable by the state and participating districts under the system for the 1980-81 fiscal period, as provided in section 1062 and section 1092 of said laws.

The actuarial valuations thus measured the amount of the prospective benefits under the Maine State Retirement System and determined the sufficiency of future contributions by the members of the system, the state and the participating districts, together with the present invested assets of the system, in providing the funds for payment of the prospective benefits.

b) Employees covered

Several valuations covered state employees and teachers. Separate valuations were also made for 232 participating districts for the fiscal period 1980-81 and the results thereof submitted to them. A summary of such results is contained in this report. Actuarial valuations had previously been made for 10 additional districts that had joined the system on or after July 1, 1978 and whose membership in the system was less than one year on July 1, 1979.

c) Benefits covered

The valuations covered all employee benefits provided by the system except those included in the group life insurance coverages.

d) Bases for valuations

Valuations were determined by using i) employee data as of June 30, 1979, which is summarized in Section C hereof, ii) the actuarial assumptions adopted by the board of trustees, which are set forth in Section D hereof, and iii) the provisions of the 1978 Revision of the Maine State Retirement System Laws, including amendments effective prior to July 1, 1979, which are outlined in Section E hereof.

e) Period of report

This report is for the second annual period of a biennium. It covers the financial condition of the retirement system for the fiscal period July 1, 1978 through June 30, 1979 and contribution requirements for the fiscal period from July 1, 1980 through June 30, 1981.

2. Contribution Rates

a) State Contributions for Fiscal Period July 1, 1980 through June 30, 1981

The contribution rates, as percentages of total employee compensation, payable by the state under the provisions of the retirement system for the fiscal period July 1, 1980 through June 30, 1981 were presented in the report on the actuarial valuation as of June 30, 1978.

b) State Contributions Required by Section 1062 (3) (D) of Chapter 101

Section 1062, subsection 3, paragraph D of Chapter 101 of the Maine State Retirement Laws requires that the aggregate payment by the State into the retirement allowance fund shall be at least sufficient, when combined with the amount in the retirement allowance fund, to provide the benefits payable out of the fund during the current year.

The total retirement allowance fund for state employees and teachers had a deficit as of June 30, 1979 in the amount of \$9,210,530 and therefore an additional contribution equal to such amount is payable by the state for the fiscal period July 1, 1978 through June 30, 1979. Such contribution will not reduce the amount of regular state contributions payable for the fiscal period July 1, 1979 through June 30, 1980 but it will reduce the amount of unfunded accrued benefit reserve at the end of the fiscal period.

The amount of the retirement allowance fund at the end of the last 3 fiscal periods has been as follows:- (thousands)

<u>Employee Classification</u>	<u>Retirement Allowance Fund</u>		
	<u>6/30/79</u>	<u>6/30/78</u>	<u>6/30/77</u>
1. State employees	\$ 47,071	\$ 46,106	\$ 45,198
2. MTRA teachers	65,828	63,064	60,727
3. Old system teachers	(122,109)	(105,882)	(91,720)
All employees	(9,210)	3,288	14,205

The amount of the retirement allowance payroll (annual) at the end of the last 4 fiscal periods has been as follows:- (thousands)

<u>Employee Classification</u>	<u>Annual Retirement Allowance Payroll</u>			
	<u>6/30/79</u>	<u>6/30/78</u>	<u>6/30/77</u>	<u>6/30/76</u>
1. State employees	\$24,790	\$22,786	\$19,056	\$16,495
2. MTRA teachers	28,780	25,278	21,001	17,830
3. Old system teachers	9,238	8,979	8,651	8,396
All retirees	62,808	57,043	48,708	42,721

The lack of adequate state contributions for the old system teachers retirement benefits has been primarily responsible for the deficit that has occurred in the total retirement allowance fund for state employees and teachers, which may be noted from the yearly increase in the deficit of the old system teachers retirement allowance fund shown in the above chart.

State contributions for old system teachers retirement benefits have, in previous years, been made to the retirement allowance fund based on only the future service rate determined for mtra teachers, applied to the salaries paid to old system teachers. However, such teachers have all retired and therefore state contributions have ceased. Also, since state contributions never have included

any payment to liquidate the accrued service reserve for the old system teachers benefits, state contributions and balances in the old system retirement allowance account have been insufficient since 1958 to provide the amount of retirement allowances paid to old system teachers. As a result, the funds required for payment of such retirement allowances have been borrowed from the retirement allowance accounts maintained for mtra teachers and state employees.

Recommendations have been made to the board at various times in the past as to provision for additional contribution requirements to liquidate the unfunded accrued liability of the old system teachers benefits and the board has requested legislative appropriations for such contributions. However, such appropriations have, to date, not been approved.

Section 1062, subsection 3 paragraph F provides that benefits shall be paid from the retirement allowance fund, except those payable from the members contribution fund and the survivors benefit fund. Therefore, any deficits in the retirement allowance fund constitute borrowings from the other funds which are not provided for in the retirement system laws. A primary purpose of the section is to ensure that the members contribution fund will always be sufficient to refund members contributions if they should terminate employment before retirement or the system should be terminated.

c) Participating District Contributions

The contribution rates, as percentages of employee compensation, payable by the participating districts under the provisions of the retirement system, that were determined for the annual fiscal period 1980-81, based upon the actuarial valuations as of June 30, 1979, were submitted to each district in separate actuarial valuation reports. The weighted average contribution rates for the 232 districts with total annual salaries of \$98,584,885 were as follows:-

i) Retirement benefits

Future service	6.29%
Accrued service	<u>8.74</u>
Total service	15.03

ii) Survivor benefits

There are 69 districts, with total annual salaries of \$61,956,828, that have elected survivor benefits for their employees. The average annual contribution rate payable by those districts is .31%.

3. Financial Condition

a) Actuarial balance sheet

An actuarial balance sheet resulting from the actuarial valuations for state employees and teachers is presented in the next section. It shows the values of the various items of assets and liabilities that are involved in determining the funding requirements for retirement benefits of the system. Certain aspects of the unfunded accrued benefit reserve are also set forth in that section.

b) Funding of costs of benefits

The method of funding used to determine the contributions payable under the system will adequately provide, on an actuarial basis, for payment of the benefits of the system. Year to year experience fluctuations in the actuarial assumptions used in the funding determination result in fluctuations in the rate of accrued benefit contribution payment. Also, contributions are adjusted when changes in the actuarial assumptions are made because of changes in future expectations as a result of studies of the factors included in the actuarial assumptions, as required in the retirement system laws, or when changes are made either in the benefits of the system or in the conditions for the receipt thereof.

The payment period of the accrued benefit contribution for any fiscal period is normally determined to be at least one year less than the period for the preceding fiscal period where there are no changes in benefit provisions from those of the preceding fiscal period. However, experience fluctuations may, at times, require an adjustment in the scheduled period, or when changes in the actuarial assumptions are made.

i) State employees and teachers benefits

The effect of experience fluctuations for the fiscal period July 1, 1978 through June 30, 1979 on the financial condition of the system may be summarized by the changes in the accrued benefit contribution payment period from that of the immediately preceding fiscal period, viz:

	<u>Accrued Benefit Contribution Payment Period</u>	
	<u>1979 Actuarial Valuation</u>	<u>1978 Actuarial Valuation</u>
(A) State employees and mtra teachers	20.6 years	20.9 years
(B) All employees (including o s teachers)	26.1 years	26.4 years

The schedule of the accrued benefit funding period is a reduction in the payment period by one year in each successive annual fiscal period. The net financial experience for the last fiscal period was unfavorable compared with the experience encompassed by the actuarial assumptions resulting in a decrease of .3 years in the funding period instead of the scheduled decrease of one year. Therefore, an increase in the state accrued service contribution rate equal to .37% of the compensation of state employees and teachers will be required for the fiscal period commencing July 1, 1981.

c) Revision of actuarial assumptions

The actuarial valuations which are made yearly to determine the financial condition of the retirement system and the contribution rates required to provide the benefits are based upon various assumptions as to the amounts of benefits that will be paid in the future, the periods during which such benefits will be paid and the rates of income that will be received from the invested assets of the system. The actuarial assumptions upon which the valuations summarized in this report were based are set forth in Section D hereof. They were adopted by the board of trustees to be effective for all contributions payable under the retirement system on or after July 1, 1978. Previous assumptions were revised as of that date based on an experience study of the actuarial assumptions which had been made for the fiscal periods 1970 through 1975, as required by Section 1031, subsection 12, paragraph C.

— TOWNE —

SECTION B

VALUATION RESULTS

The results of the actuarial valuations as to contribution requirements are summarized in Section A hereof. This section contains certain additional details of the financial condition of the system, including an analysis of the factors affecting the fiscal experience of the system during the last fiscal period.

1. Actuarial Balance Sheet

An actuarial balance sheet presents the numerical results of the solution of the basic cost equation for benefits under a retirement system, viz:

$$\text{Contributions} + \text{Investment Income} = \text{Benefits}$$

The actuarial mathematical techniques used in solving the equation remove investment income as a separate item by combining it with contributions and benefits through a discounting process for a designated period of time. This changes the expression for the equation to:

$$\begin{aligned} &\text{Discounted Value of Future Contributions} + \\ &\text{Invested Assets (Balance of Accumulated Past Contributions)} = \\ &\text{Discounted Value of Future Benefits} \end{aligned}$$

In the actuarial balance sheet the items of the left hand side of the equation are designated as "assets" and those of the right hand side as "liabilities". However, an actuarial balance sheet is not a presentation of net worth as in an accounting balance sheet and, for example, there is no such item as surplus. Also, liabilities do not represent present amounts of debt but are merely measurements of future benefit payments determined under a given set of assumptions as to future occurrence.

The actuarial balance sheet for the June 30, 1979 actuarial valuation of state employee and teacher benefits is presented on the next following page.

The state contribution rates required, together with member contribution rates, to produce the present value of future contributions shown in asset item (2) of the balance sheet are those set forth in subsection 2 of Section A of the report on the actuarial valuation as of June 30, 1978. The allocation of the total contributions of the state and employees between future membership service and accrued service is affected by certain legislative enactments in 1970 and later which is commented on in subsection 5 of this section and subsection 6 of section D of this report.

Asset item (2) (b) of the balance sheet is the present value of the future accrued service contributions that will be required for payment of accrued benefits, i.e. benefits measured by past membership service and prior service not provided by current invested assets. It is equal to the amount of unfunded accrued benefit reserve which is commonly referred to as the "unfunded liability".

It may be noted that the unfunded value of accrued benefits as shown in the balance sheet reflects the amount of such benefits projected by the salary scale and cost of living assumptions used in the actuarial valuation. Therefore, the amount of such accrued benefits is greater than the amount determined on salary experience to date of valuation, which would apply in the determination of the amount of accrued benefits applicable in the case of either employees terminating employment with vested benefits or termination of the plan. The "unfunded liability" is not a proper measurement of past funding of accrued benefits for purposes not related to determining future contribution requirements under the retirement system.

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ACTUARIAL BALANCE SHEET - JUNE 30, 1979

<u>Assets</u> (Expected income)	<u>State</u> <u>Employees</u>	<u>MTRA</u> <u>Teachers</u>	<u>Old System</u> <u>Teachers</u>	<u>All</u> <u>Employees</u>
(1) <u>Invested Assets</u>				
(b) Members contribution fund	\$ 71,556,483	\$103,329,608	0	\$ 174,886,091
(c) Retirement allowance fund	50,266,707	70,384,927	(\$125,398,609)	(4,746,975)
Value invested funds (a + b)	121,823,190	173,714,535	(125,398,609)	170,139,116
(2) <u>Future Contributions</u>				
(a) Future membership service	108,817,255	162,966,511	0	271,783,766
(b) Accrued service	306,033,715	372,052,969	195,304,657	873,391,341
Value contribution income (a + b)	414,850,970	535,019,480	195,304,657	1,145,175,107
(3) <u>Value Total Income</u> (1 + 2)	536,674,160	708,734,015	69,906,048	1,315,314,223
<u>Liabilities</u> (Expected benefit payments)				
(1) <u>Active Employees</u>				
(a) Future membership service	108,817,255	162,966,511	0	271,783,766
(b) Accrued service	161,245,104	194,195,135	0	355,440,239
Value active benefits (a + b + c)	270,062,359	357,161,646	0	627,224,005
(2) <u>Retired Employees</u>				
(a) Past membership service	177,218,898	199,741,911	17,666,112	394,626,921
(b) Prior service	26,334,652	70,185,355	22,395,383	118,915,390
(c) Cost of living	63,058,251	81,645,103	29,844,553	174,547,907
Value retired benefits (a + b + c)	266,611,801	351,572,369	69,906,048	688,090,218
(3) <u>Value Total Benefits</u> (1 + 2)	536,674,160	708,734,015	69,906,048	1,315,314,223

2. Unfunded Accrued Benefit Reserve

The discounted value of the accrued benefit reserve is equal to the value of the total benefits shown in the actuarial balance sheet (item (3) of the liabilities) after elimination of the value of the active employees future membership service benefits (item (1) (a) of the liabilities). The unfunded value of such reserve is the balance remaining after subtraction of the amount of invested assets (item (1) of the assets), which is equal to the amount of future contributions for accrued service (item (2) (b) of the assets).

a) State employee and teacher valuations

The chart on page 15 shows the changes in the unfunded accrued benefit reserve of state employee and teacher benefits for the last five fiscal periods ending June 30, 1975, June 30, 1976, June 30, 1977, June 30, 1978 and June 30, 1979. Also, for comparative purposes, salaries, remaining funding period of the unfunded reserve, and the percentage of total reserve funded, are shown for each period.

The following considerations should be noted when interpreting the results shown in the chart:-

- i) The most reliable index of the adequacy of the funding method and contributions is the progress in the reduction of the remaining funding years, which is intended to reduce by one year for each succeeding fiscal period.
- ii) The unfunded reserve may increase in amount even though the funding contributions are adequate and the funding period is reducing as scheduled, due to contributions being related to an increasing salary scale, and in the case of the accrued service contribution rate increasing at a constant percentage each year, which may produce a pattern of contributions which do not completely provide for the benefit requirements of each future fiscal period. This

TOWNE

may occur, in particular, where a large percentage of the unfunded reserve results from the reserve for retired employee benefits and the funding period is greater than the average future benefit period.

- iii) The percentage of accrued benefits funded will be affected by any increase in benefits due to accrued service that is to be funded by future contributions. Also, it will be affected by the required yearly percentage increase in the accrued benefit contribution rate since that will result in an accelerated increase in the funding ratio in future years.
- iv) The funding period for the fiscal period ending June 30, 1979 reduced from that of the previous fiscal period, for all employee groups, but as stated on page 8, the reduction was less than the one year schedule reduction and an additional state contribution rate will be required for the fiscal period commencing July 1, 1981.
- v) Approximately \$9,000,000 of the increase in the unfunded accrued benefit reserve for teachers (\$7,000,000 for mtra teachers and \$2,000,000 for old system teachers) was due to a change in the prior service benefits formula that increased the benefits of a certain group of retired teachers.
- vi) The actuarial valuations were based on the actuarial assumptions that were effective July 1, 1978 but the related increase in state contributions was not effective until July 1, 1979. The unfunded accrued benefit reserve for all employees would have been approximately \$8,000,000 less if the revised state contributions had been effective July 1, 1978.
- vii) 22% of the unfunded accrued benefit reserve of all employees is represented by the unfunded reserve of the old system teachers and 64% of the unfunded accrued

benefit reserve of the old system teachers (\$125,398,609 - item (1) (c) of the actuarial balance sheet on page 11) is the accumulated value of the borrowings from the state employees and mtra teachers retirement allowance accounts to provide the payments for retired old system teachers not funded by state contributions. The value of such borrowings increased by \$18,385,344 for the fiscal period ending June 30, 1979 and the total retirement allowance account had a deficit of \$9,210,000 as of June 30, 1979, which is shown on page 4 of this report.

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Unfunded Accrued Benefit Reserve - State Employees and Teachers

Employee Group	(Amounts shown in thousands)					
	(1) State	(2) MTRA Teachers	(3) Old System Teachers	(4) (2) + (3) All Teachers	(5) (1) + (2) S & MTRA	(6) (1) + (2) + (3) All Employees
				<u>June 30, 1979</u>		
(v) Annual Salaries	134,717	203,073	0	203,073	337,790	337,790
Ave - Ratio/1978	103	113		113	109	110
(v) Unfunded Reserve	306,034	372,053	195,305	567,358	678,087	873,392
-Ratio/salaries	227	183		279	201	25
-% funded	28.5	31.8		7.8	30.4	16.3
-Funding years	25.3	17.9		26.5	20.6	26.1
				<u>June 30, 1978</u>		
(A) Annual Salaries	126,578	188,666		188,666	315,243	315,243
Ave - Ratio/1977	114	99		99	105	107
(B) Unfunded Reserve	284,244	336,733	177,667	514,400	620,977	798,644
-Ratio/salaries	225	178		273	197	25
-% funded	28.2	31.9		9.0	30.3	16.
-Funding years	25.7	18.1		26.8	20.9	26.4
				<u>June 30, 1977</u>		
(A) Annual Salaries	110,785	190,356		190,356	301,141	301,141
Ave - Ratio/1976	101	101		101	101	101
(B) Unfunded Reserve	206,691	235,126	147,208	382,334	441,817	589,021
-Ratio/salaries	187	124		201	147	196
-% funded	33.8	38.3		12.3	36.3	21.
-Funding years	27.2	17.0		26.7	20.5	26.
				<u>June 30, 1976</u>		
(v) Annual Salaries	106,875	176,250		176,250	283,125	283,125
Ave - Ratio/1975	104	105		105	105	105
(v) Unfunded Reserve	180,745	206,287	141,355	347,642	387,032	528,387
-Ratio/salaries	169	117		197	137	18
-% funded	36.1	40.1		13.1	38.3	22.6
-Funding years	25.3	16.5		26.7	19.6	26.
				<u>June 30, 1975</u>		
(A) Annual Salaries	102,859	158,110		158,110	260,969	260,969
Ave - Ratio/1974	112	104		104	107	107
(B) Unfunded Reserve	175,793	192,709	127,344	320,054	368,502	495,846
-Ratio/salaries	171	122		202	141	19
-% funded	34.0	39.8		16.1	37.2	23.
-Funding years	27.1	17.5		28.1	21.0	27.7

b) Participating district employee valuations

The funding period of the accrued benefit reserve for the 232 participating districts included in the valuation varies as follows:

Funding Period (Years)	Number of Participating Districts For Period	Accumulated	Percentage of Participating Districts For Period	Accumulated
0	79	79	34%	34%
1 - 09	113	172	50	84
10 - 14	17	209	7	91
15 - 19	12	221	5	96
20 - 24	8	229	3	99
25 and over	3	232	1	100
Total	232	232	100	100

An analysis of the total unfunded accrued benefit reserve of the 153 districts which had any unfunded reserves as of June 30, 1979 is as follows:

- i) Annual salaries \$97,459,785
- ii) Unfunded reserve 98,446,195
 - (A) Ratio/salaries 101
 - (B) % funded 44.8
 - (C) Average funding period 7.7 years, arithmetic average;
or 22.4 years, weighted by unfunded reserves.

It may be noted that the average funding status (% funded and funding years) for the districts with any unfunded reserve is more favorable than that for state employees and teachers. Compared with the results of the 1978 actuarial valuation of the districts, the ratio of unfunded reserve to salaries decreased by 17 points, the percentage funded increased by 5.6% and the average funding period decreased by 1.1 years when weighted by the amount of unfunded reserve. Also the percentage of districts with no unfunded reserve increased by 4% and by 6% for those with less than a 10 year funding period.

3. Survivor Benefits Reserve

The funding of the survivor benefits provided under the system for all members, i.e. state employees, teachers and participating district employees, is based upon a group term funding method and the system is liable for the payment of all survivor benefits to beneficiaries.

The trust fund reserves credited to the survivor benefits payable amounted to \$10,889,325 on June 30, 1979. The contributions paid into the survivor benefits fund for the fiscal period ending June 30, 1979 were adequate in amount to provide for the reserves for new benefits incurred during the period and for an amortization payment on a deficit which arose in previous years. With a continuance of present experience, the deficit will be eliminated within 2 years.

4. Disability Benefits Reserve

The funding of the disability benefits determined on the $2/3$ salary formula that was effective July 1, 1977 is based upon a group term funding method of the same nature as that used for survivor benefits. However, the pooling of state employees, teachers and participating district employees experience was not established by the board of trustees until July 1, 1979. A separate trust fund account had not been established as of the June 30, 1979 actuarial valuation and the reserves for disability retirements were included with the reserves for all retirees in that valuation.

For the fiscal period ending June 30, 1979 the state contributions for the disability benefits of state employees and teachers adequately provided for the reserves for new benefits incurred during that period.

5. Employer - Employee Contributions

Section 1031, subsection 12, paragraph B, of the retirement system laws states that the results of the actuary's annual valuation of the assets and liabilities of the system shall be separated between those applicable to benefits payable by employer and employee contributions, where properly determinable. This requires separation of the invested assets of the system both as to the amount of the members contribution fund which currently exists for members who have not yet elected the commencement of benefits and as to the balance of the assets which has been allocated for payment benefits, and arises from both employer and employee past contributions. Also, it requires the separation of the liabilities for retirement benefits provided by the enactments in 1970 and later, in accordance with the provisions of section 1095, subsection 8 of the laws.

Complete information is currently not available as to the separation of invested assets between past employer and employee contributions and therefore it is not possible to determine the separation of the unfunded accrued benefit reserve as to future employer and employee contribution requirements. However, the proportions of the liabilities for expected benefit payments that are applicable to benefits payable by employer and employee contributions may be estimated from the following chart which shows the percentages of benefit liabilities that are due to benefits based on the retirement benefit provisions of the system that were in effect prior to the enactment of chapter 415, which was effective January 1, 1970. Presumably, the cost of the pre January 1, 1970 membership service benefits is to be paid equally by the employer and employees while the cost of the pre January 1, 1970 prior service benefits is to be paid by the employer. Also,

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increases in membership service and prior service benefits since January 1, 1970 are to be paid by the employees. Employee liabilities are based on actuarial assumptions in effect prior to July 1, 1978.

		Percentage of Total Benefits Due to Pre January 1, 1970 Benefits
a)	<u>Benefits</u>	
	<u>Membership service</u> (regular employee benefits- state and teachers	69%
b)	<u>Prior service</u>	
	(i) Regular employee benefits- state employees	97%
	(ii) Regular employee benefits- active teachers	80%
	retired teachers	87%

The above percentages for prior service are based on data that was available for the June 30, 1974 valuation. The proportion of the total benefits of active employees represented by prior service has become insignificant and, for retired employees, it will steadily decrease in future years.

6. Fiscal Year Experience

The experience during the fiscal period July 1, 1978 through June 30, 1979 as to certain items which affected the financial condition of the retirement system are discussed in this subsection. It includes all of the actuarial assumptions except those factors that require an extended period for analysis and are reviewed in the periodic actuarial investigations, viz: mortality, disability and withdrawal rates.

a) Accrued benefit reserve

- i) The effect on the accrued benefit reserve of the experience during the fiscal period ending June 30, 1979 is discussed in subsection 2 preceding in this section, commencing on page 12.

b) Actuarial experience gains and losses

The experience under the actuarial assumptions described at the beginning of this subsection, for the fiscal year ending June 30, 1979, is discussed following in this subsection.

c) Investment experience

i) Investment rates

The rates of investment return for the fiscal period were as follows:

(A) Fixed income	8.83% on book basis (7.96% after losses)
(B) Equities	3.68% on book basis 7.92% with 5 year average market gains.
(C) All assets	6.69% on book basis 7.94% on book basis plus 5 year average stock market gains, which is the asset base of the actuarial valuation.

The investment earnings rate on all investments determined on the actuarial valuation assumption basis has been as follows for the last 5 fiscal periods: 5.67%, 5.77%, 3.56%, 5.32% and 7.94%. Since the experience rate has been below the actuarial assumption rate of 8.50%, actuarial losses resulted in each fiscal period, when measured against that assumption.

The asset base of the actuarial valuation reflected the following adjustments for the excess or deficit of the market value of stocks over the book value of stocks at the respective endings of the last 5 fiscal periods, viz:- (values in thousands) \$6,899, \$12,131, \$2,477, \$2,502 and \$11,394,720 for the years ending June 30, 1975 through June 30, 1979.

For the fiscal period ending June 30, 1979 the actuarial losses due to the investment rate experience (7.94% vs. 8.50%) were equivalent to a state contribution rate of approximately .02% of employee compensation.

d) Salary scales

Average salaries used in the valuations increased approximately 9% from the previous fiscal period for combined state employees and teachers (3% for state employees and 13% for teachers). Therefore, accrued service benefits of all active employees increased more than expected. Employee contributions increased more than expected as did state contributions for state employees. However, state contributions for teachers benefits were less than required since such contributions are paid as fixed amount contributions for the fiscal period instead of as a percentage of employee compensation which is the basis for all employee contributions and the state contributions for state employee benefits. The state contribution for teacher benefits is always determined as a percentage of employee compensation and therefore state contributions for teacher benefits are always less than required for any fiscal period as long as salary scales increase from year to year.

For the fiscal period ending June 30, 1979 net actuarial losses due to salary scale experience were equivalent to a state contribution rate of approximately .13% of employee compensation.

e) Retirement age

The normal retirement age for regular employees commences at age 60 with continuance thereafter at the employee's option. The average retirement age was generally close, prior to 1972, to age 65, the actuarial assumption, but it has been decreasing slowly since that time. In the last fiscal period it was approximately

62.6 years for state employees and teachers combined, weighted by benefit reserves. Therefore, there was an actuarial loss during the fiscal period due to the higher than expected reserves required for new retirees electing normal retirement. For the previous fiscal period the average age was 62.9 years.

The retirement benefits of employees who retire prior to age 60 are classified in pension parlance as subsidized early retirement benefits since the amounts of the early retirement benefits are of greater amounts than the actuarial equivalent of the benefits that have accrued to commence at age 60, the earliest normal retirement age. Therefore, actuarial losses result from early retirements since the accrued benefit reserve to be funded is increased. For the last period such reserve was increased by approximately 13%.

For the fiscal period ending June 30, 1979 net actuarial losses due to an average retirement age less than expected were equivalent to a state contribution rate of approximately .13% of employee compensation. Also, the losses due to the subsidized early retirement benefits were equivalent to a state contribution rate of approximately .08% of employee compensation.

The future experience as to average retirement age is uncertain, particularly as to the effects of the removal of any mandatory retirement age. However, if the future average age is consistently lower than age 65 it may be necessary to change the actuarial assumptions to anticipate such lower age, which will increase the regular funding contribution, instead of periodically increasing the accrued service contribution to reflect actuarial losses.

f) Optional methods of payment of retirement allowances

Options 2 and 3 of the optional methods of payment of retirement allowances provide subsidized benefits when elected by male employees with their spouse as beneficiary, since the benefits in such cases are greater than the actuarial equivalence. Therefore, actuarial losses occur from such elections since the benefit reserve is increased. For the last fiscal period such reserve was increased by approximately 2%. The actuarial losses were equivalent to a state contribution rate of approximately .01% of employee compensation.

SECTION CEMPLOYEE STATISTICS AS OF JULY 1, 1979

This section of the report present certain compilations of the individual employee data which was used in the actuarial valuations.

1. Distribution of Active Employees (State and Teachers)a) State Employees

Age Group	No.	Annual Salaries		Annual Retirement Benefits		Average Yrs. Serv. at Ret.
		Total	Average	Average	% Salaries	
i) <u>Males</u>						
65 & over	218	\$ 2,188,205	\$10,038	\$3,256	32%	15
60 - 64	471	5,267,540	11,184	4,441	40	18
55 - 59	784	9,609,314	12,257	6,367	52	24
50 - 54	972	12,399,052	12,756	7,774	61	29
45 - 49	919	11,469,696	12,481	8,310	67	32
40 - 44	874	11,124,658	12,728	9,230	73	35
35 - 39	1030	12,317,557	11,959	9,068	76	37
30 - 34	1348	14,550,245	10,794	8,591	80	39
25 - 29	1075	8,828,124	8,212	6,840	83	41
24 & under	777	4,138,234	5,326	4,726	89	44
Total	8468	91,892,625	10,852	7,440	68	34
ii) <u>Females</u>						
65 & over	106	1,029,118	9,709	3,441	35	17
60 - 64	302	2,837,310	9,395	3,711	39	18
55 - 59	529	4,765,012	9,008	4,076	45	21
50 - 54	526	4,648,754	8,838	4,374	49	23
45 - 49	501	4,251,053	8,485	4,790	56	27
40 - 44	499	4,126,158	8,269	5,265	64	31
35 - 39	517	4,403,876	8,518	6,145	72	35
30 - 34	736	5,961,568	8,100	6,324	78	38
25 - 29	887	6,518,182	7,349	6,125	83	41
24 & under	812	4,283,559	5,275	4,713	89	45
Total	5415	42,824,590	7,908	5,182	66	33
iii) <u>All</u>						
65 & over	324	3,217,323	9,930	3,316	33	15
60 - 64	773	8,104,850	10,485	4,156	40	18
55 - 59	1313	14,374,326	10,948	5,444	50	23
50 - 54	1498	17,047,806	11,380	6,580	58	27
45 - 49	1420	15,720,749	11,071	7,068	64	30
40 - 44	1373	15,250,816	11,108	7,789	70	33
35 - 39	1547	16,721,433	10,809	8,091	75	36
30 - 34	2084	20,511,813	9,842	7,790	79	39
25 - 29	1962	15,346,306	7,822	6,516	83	41
24 & under	1589	8,421,793	5,300	4,719	89	44
Total	13883	134,717,215	9,704	6,559	68	34

b) Teachers

Age Group	No.	Annual Salaries		Annual Retirement Benefits		Average Yrs. Serv. at Ret.
		Total	Average	Average	% Salaries	
i) <u>Males</u>						
65 & over	17	\$ 233,328	\$13,725	\$ 5,709	42%	22
60 - 64	87	1,253,800	14,411	7,304	51	24
55 - 59	253	3,901,017	15,419	9,075	59	28
50 - 54	440	6,840,879	15,547	10,139	65	32
45 - 49	765	12,078,385	15,789	11,255	71	35
40 - 44	899	13,506,110	15,023	11,158	74	37
35 - 39	1348	19,288,752	14,309	11,156	78	39
30 - 34	1752	21,339,447	12,180	9,878	81	40
25 - 29	1109	10,926,597	9,853	8,198	83	42
24 & under	152	1,226,327	8,068	6,931	86	43
Total	6822	90,594,642	13,280	10,059	76	38
ii) <u>Females</u>						
65 & over	75	958,045	12,774	7,093	56	27
60 - 64	384	4,647,857	12,104	6,191	51	24
55 - 59	710	8,571,231	12,072	6,857	57	27
50 - 54	874	9,979,243	11,418	6,820	60	28
45 - 49	1035	11,403,479	11,018	7,056	64	31
40 - 44	1207	13,352,785	11,063	7,708	70	34
35 - 39	1419	15,324,252	10,799	8,021	74	36
30 - 34	2079	21,720,763	10,448	8,372	80	40
25 - 29	2363	21,657,253	9,165	7,659	84	42
24 & under	648	4,863,528	7,505	6,450	86	43
Total	10794	112,478,436	10,420	7,542	72	36
iii) <u>All</u>						
65 & over	92	1,191,373	12,950	6,837	53	26
60 - 64	471	5,901,657	12,530	6,397	51	24
55 - 59	963	12,472,248	12,951	7,440	57	27
50 - 54	1314	16,820,122	12,801	7,931	62	30
45 - 49	1800	23,481,864	13,045	8,840	68	32
40 - 44	2106	26,858,895	12,754	9,181	72	35
35 - 39	2767	34,613,004	12,509	9,548	76	37
30 - 34	3831	43,060,210	11,240	9,061	81	40
25 - 29	3472	32,583,850	9,385	7,831	83	42
24 & under	800	6,089,855	7,612	6,541	86	43
Total	17616	203,073,078	11,528	8,517	74	37

c) Summary of All Active Employees

i)	Number of employees	31,499
ii)	Distribution by sex	49% male, 51% female
iii)	Annual salaries	\$337,790,293
iv)	Average annual salaries	\$10,724
v)	Average annual benefit	7,654
vi)	% benefits of salaries	71%
vii)	Average years service at retirement	35 yrs.

2. Distribution of Retired Employees (State and Teachers)

a)		<u>State Employees</u>			
Number of Employees		<u>Average Annual Benefits</u>			
		<u>Membership Service</u>	<u>Prior Service</u>	<u>Cost of Living</u>	<u>Total</u>
i)		<u>Regular Benefits</u>			
F	1872	\$2,023	\$436	\$1,049	\$3,508
M	1362	2,326	522	1,110	3,958
	3234	2,151	472	1,075	3,697
ii)		<u>Option 1 Benefits</u>			
F	314	2,254	493	1,370	4,117
M	314	2,476	493	1,482	4,451
	628	2,365	493	1,426	4,284
iii)		<u>Option 2 Benefits</u>			
F	48	2,008	431	877	3,316
M	542	2,682	489	924	4,096
	590	2,628	484	920	4,032
iv)		<u>Option 3 Benefits</u>			
F	74	3,379	657	1,286	5,322
M	698	4,222	788	1,645	6,655
	772	4,141	775	1,611	6,528
v)		<u>Option 4 Benefits</u>			
F	53	2,182	159	341	2,683
M	164	4,438	575	1,079	6,092
	217	3,887	473	899	5,259
vi)		<u>2/3 Disability Benefits</u>			
F	30	5,027	3	705	5,735
M	102	6,316	60	751	7,127
	132	6,023	47	741	6,811
vii)		<u>Other Disability Benefits</u>			
F	20	3,344	159	1,718	5,222
M	66	4,846	118	1,521	6,485
	86	4,497	128	1,585	6,192
viii)		<u>All Benefits</u>			
F	2411	2,146	436	1,080	3,663
M	3248	3,090	551	1,226	4,867
	5659	2,688	502	1,164	4,354

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b) MTRA Teachers

Number of Employees		Average Annual Benefits			
		Membership Service	Prior Service	Cost of Living	Total
i) <u>Regular Benefits</u>					
F	2905	\$3,019	\$1,275	\$1,419	\$5,714
M	380	2,954	939	1,273	5,167
	<u>3285</u>	<u>3,012</u>	<u>1,236</u>	<u>1,402</u>	<u>5,650</u>
ii) <u>Option 1 Benefits</u>					
F	377	2,860	1,498	1,893	6,251
M	65	3,628	1,500	2,305	7,432
	<u>442</u>	<u>2,973</u>	<u>1,499</u>	<u>1,953</u>	<u>6,425</u>
iii) <u>Option 2 Benefits</u>					
F	140	2,822	1,178	1,305	5,305
M	192	4,432	1,295	1,613	7,341
	<u>332</u>	<u>3,753</u>	<u>1,246</u>	<u>1,483</u>	<u>6,482</u>
iv) <u>Option 3 Benefits</u>					
F	245	3,626	1,460	1,526	6,613
M	215	5,149	1,768	2,301	9,218
	<u>460</u>	<u>4,338</u>	<u>1,604</u>	<u>1,888</u>	<u>7,830</u>
v) <u>Option 4 Benefits</u>					
F	47	3,312	1,011	870	5,193
M	54	4,777	1,082	1,434	7,292
	<u>101</u>	<u>4,095</u>	<u>1,049</u>	<u>1,172</u>	<u>6,315</u>
vi) <u>2/3 Disability Benefits</u>					
F	53	6,401	225	1,005	7,631
M	42	8,413	36	887	9,336
	<u>95</u>	<u>7,291</u>	<u>141</u>	<u>953</u>	<u>8,385</u>
vii) <u>Other Disability Benefits</u>					
F	25	4,844	893	1,526	7,263
M	10	8,279	164	1,313	9,756
	<u>35</u>	<u>5,826</u>	<u>685</u>	<u>1,465</u>	<u>7,975</u>
viii) <u>All Benefits</u>					
F	3792	3,098	1,285	1,457	5,841
M	958	4,186	1,195	1,635	7,016
	<u>4750</u>	<u>3,318</u>	<u>1,267</u>	<u>1,493</u>	<u>6,078</u>

c) Old System Teachers

Number of Employees		Average Annual Benefits			
		<u>Membership Service</u>	<u>Prior Service</u>	<u>Cost of Living</u>	<u>Total</u>
i) <u>Regular Benefits</u>					
F	1339	\$1,005	\$1,499	\$1,968	\$4,466
M	98	1,041	1,575	2,200	4,816
	<u>1437</u>	<u>1,008</u>	<u>1,504</u>	<u>1,984</u>	<u>4,490</u>
ii) <u>Option 1 Benefits</u>					
F	251	1,488	1,783	2,663	5,934
M	20	2,041	1,758	2,714	6,514
	<u>271</u>	<u>1,529</u>	<u>1,781</u>	<u>2,667</u>	<u>5,977</u>
iii) <u>Option 2 Benefits</u>					
F	34	1,792	1,637	2,093	5,522
M	9	664	1,363	1,756	3,783
	<u>43</u>	<u>1,556</u>	<u>1,580</u>	<u>2,022</u>	<u>5,158</u>
iv) <u>Option 3 Benefits</u>					
F	73	1,737	1,758	2,420	5,915
M	19	2,057	2,899	3,946	8,902
	<u>92</u>	<u>1,803</u>	<u>1,994</u>	<u>2,735</u>	<u>6,532</u>
v) <u>Option 4 Benefits</u>					
F	9	2,345	2,367	2,328	7,040
M	10	2,404	2,994	4,320	9,717
	<u>19</u>	<u>2,376</u>	<u>2,697</u>	<u>3,376</u>	<u>8,449</u>
vi) <u>Other Disability Benefits</u>					
F	1	1,691	2,991	2,464	7,146
M	-	-	-	-	-
	<u>1</u>	<u>1,691</u>	<u>2,991</u>	<u>2,464</u>	<u>7,146</u>
vii) <u>All Benefits</u>					
F	1707	1,131	1,560	2,094	4,780
M	156	1,359	1,838	2,589	5,786
	<u>1863</u>	<u>1,151</u>	<u>1,583</u>	<u>2,136</u>	<u>4,864</u>

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d) Summary of All Retired Employees

i)	Number of employees	12,272
ii)	Annual benefits	\$62,569,100
iii)	Average annual benefit	\$5,098
iv)	Distribution by sex	64% female, 36% male
v)	Distribution by option:	
-	no option	= 65%
-	option 1	= 11
-	option 2	= 08
-	option 3	= 11
-	option 4	= 03
-	2/3 disability	= 02
-	other disability	= 01
vi)	Distribution of benefit credits:	
-	membership credit	= 53
-	prior service credit	= 19
-	cost of living benefits	= 28

The cost of living benefits have thus increased
the regular plan benefits by 39%.

3. Distribution of Participating District Employees

a) Number of districts	232
b) Number of active employees	10,663
c) Annual salaries	\$98,584,885
d) Average annual salary	9,246
e) Distribution of districts by membership credit:	
i) 1/50th	78%
ii) 1/60th	21%
iii) 1/70th	01%
f) Districts with special benefits	17%
g) Districts with retirement allowance adjustments	37%
h) Retired employees:	
i) Districts with retired employees	68%
ii) Number of retired employees	2,671
iii) Annual retirement benefits	\$8,808,521
vi) Average annual retirement benefit	\$3,298
v) Retired employees with retirement allowance adjustments	76%
vi) Percentage of retirement allowance adjustment of total benefits for employees with the adjustment	23%

SECTION D

ACTUARIAL ASSUMPTIONS

The actuarial assumptions upon which the valuations as of June 30, 1979 were based were adopted by the board of trustees to be effective with liabilities determined on and after July 1, 1978. The assumptions are presented following in this section of the report.

1. Amount of Benefits

- a) Benefit formula under the 1978 law revision.
- b) Salary scales salaries increase at the rate of $5\frac{1}{2}\%$ by attained age.
- c) Cost of living adjustment benefits increase after commencement at the rate of 4% per year, the maximum under current provisions.

2. Probability of Receipt of Benefits

- a) Mortality rates after retirement
 - i) Teachers 1971 group annuity tables, ages set back 2 years.
 - ii) State employees 1971 group annuity tables.
 - iii) Participating district employees 1951 group annuity tables.
- b) Disability rates claim costs based on 1964 commissioners disability table; sample annual costs per \$100 monthly benefit are as follows:

Disability rates per \$100 monthly benefit	<u>Age</u>	<u>Annual Cost</u>
	22	\$ 5.05
	27	5.37
	32	6.96
	37	9.61
	42	13.95
	47	21.79
	52	31.97
	57	45.17

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- c) Termination rates before retirement, all causes

sample annual probabilities of termination are as follows:

<u>Age</u>	<u>Rate of Termination</u>
20	.08
30	.07
40	.06
50	.05
60	.05

- d) Retirement age

65 or earliest normal retirement date for special groups.

3. Investment Income

- a) Rates of future income

8½% per annum.

- b) Value of investments

- i) fixed income
- ii) equities

book value.
cost adjusted by spreading market gains and losses over 5 years.

4. Contributions

- a) Employees

6½% of compensation for teachers and state employees except 7½% for some special state employee groups, 6½% or 5% for district employees except 8% for some policemen and firemen.

- b) Employer

normal cost plus cost of unfunded accrued benefit reserve liquidation; the accrued benefit contribution rate of the state increases by 3% of itself in successive fiscal periods.

The contributions of the state, as an employer, and state employees and teachers, are affected by the provisions of subsection 8 of section 1095 of the retirement system laws, the effect of which is outlined in subsection 6 of this section of this report.

5. Administrative Expenses

provided by separate employer contributions.

6. Funding Method

normal cost plus an accrued benefit reserve contribution for any year that is sufficient to reduce the remaining funding period of any unfunded accrued benefit reserve by one year from that of the previous fiscal period; experience gains and losses resulting from variations from actuarial assumptions are amortized over the remaining funding period of the accrued benefit reserve, creating credits to or charges against employer contributions; yearly term costs for ancillary death and disability benefits.

The allocation of cost between member contributions and employer contributions is determined as follows for regular state employees and teachers under the provisions of subsection 8 of section 1095 of the retirement system laws:-

i) Membership service benefits

- (A) based on 1/70th formula and 5 year average compensation - matching share for state contributions.
- (B) based on increases over (A) - member contributions only.

ii) Prior service benefits

- (A) based on 1/50th for state employees and 1/70th for teachers and 5 year average compensation - state contributions only.
- (B) based on increases over (A) - member contributions only, unless otherwise provided by legislative enactments.

The interest assumption of the actuarial basis for contributions has been increased at various times since 1968 to lower member contribution rates otherwise payable when benefits have been increased, with no change in state contribution rates. Such changes have been as shown in the following chart.

Effect Of Changes In Interest Assumption

<u>Effective Date</u>	<u>Interest Assumption</u>	<u>Benefit Change</u>	<u>Member Contribution Rate</u>
Prior to 1968	3%	original retirement allowances, retirement allowance adjustments and survivor benefits	5 3/4%
September 1, 1968	4	no change	5
January 1, 1970	5	Chapter 415	6.14
September 1, 1970	5½	no change	5
January 1, 1972	5½	1/60th prior service for teachers	5.7 (made effective as part of Chapter 542)
October 3, 1973	6½	Chapter 542	6.5

After accrued benefits become fully funded only the normal contribution rate will be payable. The required rate will be affected by the then composition of the group of state employees and teachers as to employment ages and sex, each of which has a major effect on the normal contribution rate. The experience as to the factors included in the actuarial assumptions will, of course, also affect the contribution rate. Also, the meaning of "matching share" for member and state contributions might require more explicit definition than stated in the Retirement System Laws.

The actuarial assumptions are reviewed periodically to determine how effectively the yearly financial requirements of the system are met by the projected experience. Although the actuarial assumptions are individually examined, the net result of the interplay of all the assumptions is the primary consideration.

The experience as to some of the assumptions may be determined for each current fiscal period and such experience for the fiscal period 1978-79 is presented in section B hereof. Other assumptions require analyses over longer periods of time in order to determine probable trends. The retirement system laws currently require such investigations of the experience of the system by the actuary as he deems necessary but at least once in each 3 year period following January 1, 1976.

SECTION E

RETIREMENT SYSTEM BENEFIT PROVISIONS

An outline of the conditions under which benefits become payable in accordance with the provisions of the Retirement System is presented in this section of the report. Benefits become available when an employee's status is changed for any of the following reasons:

1. Termination of employment under
 - a) Normal or early retirement conditions,
 - b) Ordinary disability retirement conditions, or
 - c) Occupational disability retirement conditions.
2. Death while
 - a) In active employment, or
 - b) After retirement; and
3. Termination of employment before completing any conditions for retirement when
 - a) Retirement benefits are vested, or
 - b) No benefits except refund of employee contributions are payable.

The provisions are based upon the retirement system laws in effect June 30, 1979.

The Maine State Retirement System has received, in the past, favorable determination letters from the Federal Internal Revenue Service, stating the system is a qualified retirement plan for state employees and teachers under the Federal Internal Revenue Code as in effect prior to the Employee Retirement Income Security Act of 1974 (ERISA). Although it is not required that the system conform to the provisions of ERISA as respects the provisions for state employees and teachers it is necessary that the system continue to conform to the provisions of the pre-ERISA Internal Revenue Code.

For practical purposes, the present provisions of the Maine State Retirement System meet the major ERISA requirements. The primary changes would be to increase the rate of interest credited on employee contributions to 5% and to allow employees to withdraw their contributions upon termination of employment after completing 10 years of service (the vesting conditions) and retain the right to receive the balance of their accrued benefits not provided by their contributions.

An additional feature that would arise because of ERISA would be automatic coverage under the termination insurance provided by the Pension Benefit Guaranty Corporation, the current annual premium for which is \$2.60 per participant, which includes active, terminated vested and retired employees. The insurance guarantees the sufficiency of plan assets in providing payment of accrued benefits if a plan is terminated, subject to assessment against the employer, up to 30% of the employer's net worth, for the amount of any plan asset deficiency. However, contributions to provide the benefits under the retirement system would have to be sufficient to meet the minimum funding standards of ERISA.

The qualification of the Maine State Retirement System under the requirements of the Federal Internal Revenue Code or ERISA as related to the participating districts would appear to depend upon the status of the individual districts.

I - BASES FOR BENEFITS

Employee
Classification

Compensation

Years of Service Credits

- | | | |
|------------------------------------|---|--|
| a) State employees and teachers | average during 3 highest years, not necessarily consecutive | The following service credits are provided for state employees and teachers and may be chosen by any political subdivision: |
| b) Political subdivision employees | same as a) or prior law election | <ul style="list-style-type: none"> (1) Service prior to commencement of system. (2) Service while member contributes. (3) Military service - time of war (4) Additional service credits may be available for out of state service, military service, federal employment service, and private and parochial school service where membership began prior to January 1, 1976. |

II - RETIREMENT CONDITIONS

<u>Employee Classification</u>		Normal Retirement	Early Retirement	Disability Retirement Regular and Occupational
a)	State employees and teachers	age 60	25 yrs. service before age 60	anytime while in service and before normal retirement age
b)	Political subdivision employees-regular benefits	same as a)	same as a) or prior law election	same as a) or prior law election
c)	Special classifications			
i)	State police	20 yrs.	same as normal	same as a)
ii)	Law enforcement-Marine Resources and Inland Fisheries and Wildlife	20 yrs.	"	"
iii)	Forest rangers	25 yrs. and age 50	"	"
iv)	Law enforcement-Maine State Prison	20 yrs. and age 50	"	"
v)	Airplane pilots	25 yrs. and age 55	"	"
vi)	Liquor inspectors	25 yrs. and age 55	"	"
vii)	Political subdivisions-all or only police-men or firemen	20 to 25 yrs. or may, for policemen or firemen, be 25 yrs. and age 55	"	same as a) or prior law election

III - BENEFIT FORMULAS

Employee Classification			
	Normal Retirement	Early Retirement	Disability Retirement Regular and Occupational
a) State employees and teachers	2% of pay per yr. service; e.g. - 10 yrs. - 20% 20 40 25 50 35 70 50 100 - \$100 minimum, 10 yrs. service	normal retire- formula, reduced by age, e.g. - 25 yrs. service, 50% reduced to age % 55 44 50 39 45 35	66-2/3% of average final pay- reduced by workmen's compen- sation benefits; changed to service retirement with disabili- ty years credited and pay assumed increased by cost of living adjustments when service benefit equals disability benefit but not later than 10 years after normal retirement age.
b) Political subdivision employees-regular benefits	same as a) or prior law election	same as a) or prior law election	same as a) or prior law election; reduced by social security disability benefits if district has elected social security coverage.
c) Special classifications			
i) State group	50% of pay plus 2% additional for years past normal retirement	same as normal	same as a)
ii) Political subdivisions	50% of pay, may be 66-2/3% for policemen and firemen, may elect 2% additional for years past normal retire- ment	same as normal	same as a) or prior law election.

IV - OPTIONAL METHODS OF RETIREMENT PAYMENT

An employee may elect to receive his retirement allowance, normally payable only during his lifetime, under one of the following methods of payment:

- | | |
|----------------------------|---|
| a) Cash refund option | a reduced allowance with refund at death if payments provided by employee contributions have not totalled employee contributions. |
| b) 100% survivor option | a reduced allowance 100% of which is continued to another person after the employee's death. |
| c) 50% survivor option | a reduced allowance 50% of which is continued to another person after the employee's death. |
| d) Equivalent value option | benefits paid under some arrangement of equal value, as agreed to by the Board of Trustees. |

V - COST OF LIVING ADJUSTMENTS

Adjustments are made in September of each year in the retirement allowances of retirees and dependents based on the percentage change in the Consumer Price Index for the preceding 12 months period from July 1st through June 30th.

These adjustments apply to all state and teacher employees and to participating district employees if elected by a district.

VI- DEATH BENEFITS

Conditions for
Death Benefits

Employee Contribution Refund	Group Life Insurance	Survivor Benefits
------------------------------------	----------------------	-------------------

a) Death In Active Employ-
ment or on Disability

i) Before eligibility for
retirement

(A) Ordinary death

yes

1 or 2 yrs salary

\$100 to \$300 per month,
lieu of contribution refund

(B) Service connected
death

-all employees,
except for prior
law election by
participating
districts

no

same as ordinary

66-2/3% to 100% of
average final pay, lieu
of other benefits

ii) After eligibility for
retirement

same as before eligibility for retirement except survivor benefits
based on option 2 retirement payment may apply in lieu thereof.

b) Death After Retirement

i) Service retirement

-all employees

if elected
under option

1yr's salary reducing
to 25% at age 70; 10 yrs
service required, exceptions

if elected under option

-state police, marine
resources and inland
fisheries and wildlife,
political subdivisions

if elected
under option

same as above

50% of allowance to spouse
without option 3 reduction;
political subdivision election
includes children

ii) Disability retirement

same as death in active employment per a) above, except for prior
law election by participating districts.

VII- TERMINATION OF EMPLOYMENT BEFORE RETIREMENT



Members contributions with interest credits are refunded except no interest is credited for any period beyond 5 years after termination of employment.

Retirement benefits will commence at age 60 based upon credited service and compensation during employment, unless member withdraws contributions prior to the commencement of benefits.

VIII- EMPLOYEE CONTRIBUTIONS

a) Mandatory employee contribution rates are currently as follows:

- i) Regular state employees and teachers 6.5%
- ii) State law enforcement officers including state police, forest rangers, wardens and prison guards. 7.5
- iii) Participating district employees
 - (A) Regular benefits 6.5 or prior law election (6.14 or 5.0)
 - (B) Special benefits 8.0, 6.5 or prior law election (5.0)

b) Additional employee contributions may be made, up to 10% current compensation, to provide additional retirement benefits. Other additional amounts may be paid under prior law elections.

EVALUATION ASSOCIATES, INCORPORATED

25 SYLVAN ROAD SOUTH, WESTPORT, CONNECTICUT 06880 • (203) 226-7864

January 28, 1980

Board of Trustees
Maine State Retirement System
Augusta, Maine 04333

Dear Board Member:

This report covers our firm's work with the Board on investment related matters during fiscal year 1979. During the fiscal year, many of the decisions that were made in the prior year were implemented and systems were put into place.

During the summer of 1978 funds were allocated to Travelers Insurance Companies for participation in the company's real estate commingled fund, which invests in both properties and mortgages depending on which segment of the market is most attractive. Funds were also allocated to the Morgan Guaranty Trust Company of New York commingled funds (private placement and mortgage). Later in 1978 the Board voted to continue directing cash flow to fixed income investments and directed that dividends earned on common stocks be invested in the State Treasurer's cash fund awaiting a decision on permanent allocation.

The securities lending program was begun at year-end 1978 and has experienced moderate activity with incremental return to the Fund. The fail float arrangement with the custodian bank also earned incremental returns for the Fund as interest rates rose.

Our firm continued to evaluate new ideas and methods of operation and to meet with firms wishing to provide services to the Fund. We met with several of the current managers to reaffirm their philosophy, style and commitment to investment management. We also met with numerous managers who will be considered for future management roles. Throughout the year we provided updated information about rates available on guaranteed investment contracts, began to compare custody fees and began exploring the applicability of a market inventory fund, which could serve to reduce transaction costs. This was in addition to our normal quarterly monitoring work, which was expanded to include equity and bond analytical reports.

MSRS Trustees
January 28, 1980
Page 2

The results for fiscal year 1979 again reflected above average performance relative to the indices and to other managed accounts as shown in the table below. It should be noted that these rates are for the June to June period, not for the calendar year, and are calculated on a time-weighted total return basis (realized and unrealized capital gains plus income). For comparative purposes the MSRS Total Fund results cover those funds under active management, and exclude the Unionmutual guaranteed investment contract, the old mortgage portfolio and funds held in the State Treasurer's cash fund. Our firm's publication, Investment Manager Profiles, continued to grow, containing over 100 managers with in excess of \$80 billion in discretionary employee benefit assets. It is the median performance of this group of managers that is used as a proxy for managed accounts.

	<u>Fiscal Year 1979</u> <u>6/30/78 - 6/30/79</u>	<u>Fiscal Year 1978</u> <u>6/30/77 - 6/30/78</u>
Maine State Retirement System		
Total Fund	11.1%	2.7%
Managed Accounts - Investment Manager Profiles Median Performance		
Balanced Fund Managers	10.5	2.2
Equity Fund Managers	12.8	2.8
Bond Fund Managers	8.0	1.8
Market Indices		
Standard & Poor's 500 Index	13.6	0.1
Dow Jones Industrials Average	8.9	-5.5
Salomon Brothers Bond Index	7.2	-0.8
Lehman Brothers Kuhn Loeb Bond Index	7.1	0.4
90 Day U. S. Treasury Bills	8.6	6.0
50% S&P 500 Index/50% Salomon Bond Index	10.4	-0.4

The results of the individual managers confirm our view that the fund is well postured for a general advance in the equity and bond markets and that further commitments to fixed income investments would be appropriate given the current high level of interest rates.

Sincerely,



Ellen H. Petrino
Vice President

REPORT OF THE EXECUTIVE DIRECTOR

A joint contributory retirement system covering all public school teachers, state employees (except members of the judiciary, and State Police officers employed before 1943), and the employees of 248 cities, towns, counties, various municipal type units, and certain educational institutions, was created by the Legislature in 1947.

The System is under the supervision of a seven-member Board of Trustees which is responsible for the formulation of policies and the exercise of general supervision under the statutes. Administrative responsibility is vested in an Executive Director appointed by the Board. Board members, who serve for a three-year term, include three members appointed by the Governor and subject to review by the Joint Standing Committee on Aging, Retirement & Veterans and to confirmation by the Legislature, one of whom shall be a retired teacher selected from a list of three nominees submitted by the Maine Retired Teachers Association; one member elected by the Maine State Employees Association; one member elected by the Maine Teachers Association; one member appointed by the Maine Municipal Association, who is a member of the System through a participating local district; and one member who is receiving a retirement allowance under the System selected by the foregoing members of the Board. The Board elects a chairman from its membership and names a consulting actuary, whose duties include the computation of all retirement benefits and a recommendation on funding requests to the Legislature in order that the System be maintained in a solvent position. A Medical Board, consisting of three physicians not eligible to participate in the System, is also provided for under the law.

Membership in the System at June 30, 1979, was comprised of 42,345 active members (17,774 teachers, 13,989 state employees and 10,582 employees of participating local districts). In addition there were 21,082 inactive accounts on the System's records (10,939 teachers, 7,343 state employees and 2,800 former participating local district employees).

The Board of Trustees has entered into contracts for investment management, investment advisory and investment custody services. As of June 30, 1979, there were eight investment managers under contract, who manage various segments of the System's portfolio. During the past fiscal year the Trustees contracted with The Travelers Insurance Company of Hartford, Connecticut, and placed \$3,000,000 in this Company's Pool Real Estate Equity Fund, effective January 1, 1979. In addition, the Trustees placed an additional \$6,000,000 with the Morgan Guaranty Trust Company's Commingled Pension Trust Fund (Fixed Income Direct Placement - Corporate Medium Term) and Commingled Pension Trust Fund (Fixed Income Direct Placement - Mortgage Real Property). Funds for these additional investments were taken from an equity account under management by Putnam Advisory Services, Inc. (\$5,000,000), and cash (\$4,000,000).

The book value of the System's investments at June 30, 1979, was \$247,923,508 and the market value of same was \$258,369,957. The portfolio book value is comprised of corporate stock (42.7%), corporate bonds (44.8%), mortgages (2.6%), an insured guaranteed contract (2%), and commingled mortgage and place-

ment funds (7.5%). The major change in the portfolio composition occurred in the commingled mortgage and private placement funds which were placed with investment managers, as noted in the preceding paragraph. Minor reductions were noted in the corporate stock, bond and mortgage portfolio holdings.

The rate of return on total trust reserves of the System for the year ending June 30, 1979, was 6.6881% as compared to 5.6902% in the previous fiscal year. These return percentages are based on the average book value of investments at the beginning and end of the year. Not to be confused with these earnings rates is the time-weighted rate of return on investments under management by the System's investment managers, which is used by the Trustees to compare relative performance for the System's investment managers with other indexes and funds. The time-weighted rate of return for the past fiscal year was 11.1%. This return percentage is based on the market value of investments.

* * * * *

Trust reserves of the Maine State Retirement System as of June 30, 1979, totalled \$262,819,510, an increase of \$21,468,625 over trust reserves at the beginning of the year. The year end composition of these reserves was as follows:

State Employees	\$121,741,250
Teachers (post 7/1/24)	175,746,937
Teachers (pre 7/1/24)	(122,108,772)
Participating Local Districts	<u>87,440,095</u>
Total	<u>\$262,819,510</u>

The caption labeled (pre 7/1/24) reflects the accumulative expenditures by the M.S.R.S. for this group of teachers, who first started to teach before July 1, 1924, in excess of funding provided by the State and the respective teacher group. Previous requests by the Board of Trustees for funding for this group of teachers have been denied.

State contributions to the System during the past year totalled \$38,251,260, of which \$20,064,038 was made on account of teachers and \$18,187,222 on account of state employees. Participating local districts made contributions on behalf of employees totalling \$13,749,234. Individual members made contributions totalling \$30,544,620 as compared to \$28,002,557 during the previous year as noted by the following tabulation:

	<u>1978-79</u>	<u>1977-78</u>
Teachers	\$13,904,534	\$12,632,853
State Employees	10,056,634	9,339,152
Participating Local Districts	<u>6,583,452</u>	<u>6,030,552</u>
Total	<u>\$30,544,620</u>	<u>\$28,002,557</u>

During the past year new retirements processed totalled 992, representing 366 teachers, 354 state employees and 272 participating local district employees. This represents a decrease of 192 retirement authorizations processed as compared to the previous year. As of the year end there were 14,991 persons on the retirement payroll who were paid benefits for the month of June totalling \$5,984,501. There were 6,626 teachers, 5,677 state employees and 2,688 employees retired from participating local districts. The number of retirement benefits being paid as of June, 1979 increased 719 over retirement payments being made at the beginning of the year.

Retired persons and their beneficiaries were paid retirement allowances of \$70,807,529 during the year, which represented an increase of \$6,805,123 over benefits paid during the previous fiscal year. This increase was due for the most part to additional retirees being added to the retirement payroll, and in part to a 4% cost-of-living increase paid to retired state employees, teachers and employees of certain participating local districts which have accepted the cost-of-living feature of the M.S.R.S. statutes, in September of 1978.

The following data reflects the average retirement allowance under Full Benefits and age at retirement (exclusive of special groups):

	<u>State Employees</u>	
	<u>Annual Benefit</u>	<u>Retirement Age</u>
1976	\$4,059.00	62.35 yrs.
1977	\$4,102.00	62.19 yrs.
1978	\$4,839.00	61.23 yrs.
1979	\$4,400.00	62.07 yrs.
	<u>Teachers</u>	
1976	\$4,557.00	62.12 yrs.
1977	\$5,372.00	62.55 yrs.
1978	\$6,026.00	61.06 yrs.
1979	\$6,372.00	60.29 yrs.

Survivor benefit allowances are paid to survivors (spouse-children-parents) of former members of the System, whose death occurred prior to retirement. Total payments to this category of beneficiaries was \$1,461,604 during the year, an increase of \$69,496 over payments of this type during the previous year.

* * * * *

The 109th Legislature enacted the following legislation directly affecting the operations of the Maine State Retirement System, its members and retirees:

Participating local districts which had adopted special firefighter and police retirement plans were authorized to change the retirement plan for these groups for individuals employed after the election to change its special plan.

Participating local districts were authorized to adopt the "2% additional

benefit for each year of service beyond years of service required to retire" to be effective for service rendered after the adoption of said provision and after attaining eligibility to retire.

The statutory limitation on earnings of retired persons who are re-employed was revised to permit earnings to increase upon re-employment based upon cost-of-living increases granted to the retired individual.

The basis for determining the earnings limitation for retired persons who are re-employed was revised from a monthly accountability basis to an annual accountability basis.

The earnings limitation of disability retirees was amended to provide for a reduction in disability benefits after outside earnings exceeded \$10,000.

Firefighters of participating local districts who are not covered by the new disability law (Chapter 622, PL 1975), and who were awarded Workmen's Compensation benefits based upon a cardiovascular injury or disease or pulmonary disease incurred under certain statutory limits, are to be considered qualified for disability benefits under the M.S.R.S. statute.

The composition of the Board of Trustees was amended to include the State Treasurer, or his designee, as an ex-officio, non-voting member of the Board.

Several academies were excluded from the category of "public school" under the M.S.R.S. statute, which will relieve the State from paying the employer retirement contributions.

The Towns of Garland and Bradford were authorized to withdraw from participation in the Maine State Retirement System on condition that these Towns assume certain obligations which have been incurred up to the effective date of this statute.

* * * * *

Total administrative expenses for the fiscal year were \$623,820, an increase of \$49,775 over comparable expenses for the previous year. The major increase was in the personal services category (\$33,574), and was due to salary increases granted staff members as the result of contract negotiations, which were retro-active to July 1, 1978, and annual merit increases. Other increases were noted in actuarial (\$8,753), data processing (\$8,302) and state overhead charges (\$5,195). A change in the accounting for retired health insurance premiums was made during the year, which excludes these charges from the Administrative Expenses category. Retiree health insurance premiums totalled \$938,377, an increase of \$154,784 or 19% over the previous year. This increase was due primarily to additional state employees retiring during the year who were a part of the health insurance program and whose health insurance premiums are paid by the Maine State Retirement System.

During the past fiscal year staff members of the System have met with 43

groups of public school teachers, state employees and employees of participating local districts (active and retired), to review and explain the System's benefit provisions with respect to retirement, survivor benefits, disability retirement and group life insurance.

* * * * *

GROUP LIFE INSURANCE

A Group Life Insurance program for teachers, state employees and employees of those participating local districts which elect to participate in the plan, is administered by the Board of Trustees of the Maine State Retirement System. The program is comprised of three plans; a Basic plan, a Supplemental plan and a Dependent plan. The Basic and Supplemental plans provide for \$1,000 of coverage for each \$1,000 of annual salary, up to a maximum of \$25,000 under each plan. The Dependent plan provides for \$2,000 coverage on the life of a spouse, \$500 on the lives of children up to the age of 19 years and \$100 on the lives of children up to the age of 6 months. Participation in the Group Life Insurance program is optional by the employees.

Group Life Insurance Fund assets totalled \$7,392,458, an increase of \$914,189 over assets at the beginning of the year. Assets are comprised primarily of cash held in the State Treasurer's "Cash Pool" and earnings on the "Pool" are credited to the Fund monthly.

Retired persons who have participated in the Group Life Insurance program for ten years retain coverage under the Basic plan at no cost, based on the average coverage for three years before retirement, reducing 15% per year to a minimum of 25%. Funding for this feature of the plan is provided in part by a legislative appropriation and in part from dividends derived from active employee premiums. A dividend on the Basic plan, covering the policy year ending June 30, 1978, of \$715,136, was credited to the Reserve for Retiree Premiums account. Retiree premiums of \$732,859 were paid from this account during the year.

The Group Life Insurance Fund also includes an account entitled Reserve for Supplemental Dividend Distribution, which represents an accumulation of dividends under the Supplemental plan. This account was credited with a dividend covering the year ending June 30, 1978, of \$266,144. Interest earned and credited to the account amounted to \$176,981. At the death of a retiree or active member who participated in this plan, a dividend distribution of 30% of coverage is currently being paid to the designated beneficiary. Payments to beneficiaries under this plan totalled \$420,480.

It is the Trustees desire that the 30% distribution rate will be compatible with the dividend, interest earnings and claim experience to retain this level for many years.

Interest earnings on the Group Life Insurance Fund amounted to \$699,255,

and represented a return of 9.57%. The following is a tabulation of earnings and return for the past three fiscal years:

	<u>Earnings</u>	<u>Return Rate</u>
1979	\$699,255	9.57%
1978	\$440,218	6.80%
1977	\$331,697	5.76%

* * * * *

SOCIAL SECURITY

The Maine State Retirement System is the state agency designated to administer the Social Security program for those political subdivisions in the State of Maine which elect to provide Social Security benefits for their employees. During the fiscal year ending June 30, 1979, twenty-six new agreements were entered into between the State and political subdivisions to provide new coverage under the Social Security program. Six existing agreements were modified to provide additional coverage which had originally been excluded. Six termination notices were submitted with two units actually terminating, two units terminated by reason of dissolution and two units withdrew their termination notices. F.I.C.A. taxes collected for the fiscal year totalled \$20,700,969.82.

The Maine State Retirement System has conducted eighty-six on-site reviews, fifty training sessions with new reporting officials and twenty-five meetings with town representatives regarding extending new Social Security coverage or for the purpose of discussing termination proposals during the recent fiscal year.

As noted in previous years reports the posting to the Federal Register by the Social Security Administration of the final regulations dealing with more frequent deposits of contributions payable under Section 218 of the Social Security Act, to be effective July 1, 1980, as well as annual reporting, to become effective January 1, 1981, will significantly reduce the ability to earn interest on short-term investments of F.I.C.A. contributions, and increase the administrative services required under the modifications.

Also of considerable significance to the State of Maine is the study being conducted on the subject of mandating Social Security coverage to include all public employees. At the present time state employees, public school teachers and employees of several larger cities in the State of Maine, are not covered under the Social Security program.

The implication of more frequent deposits will drastically reduce earnings on the cash flow of F.I.C.A. contributions, which in the past has permitted the Maine State Retirement System to fund administrative expenses involved with the Social Security program. A serious curtailment of this income could require the assessment of administrative cost to all political subdivisions participating

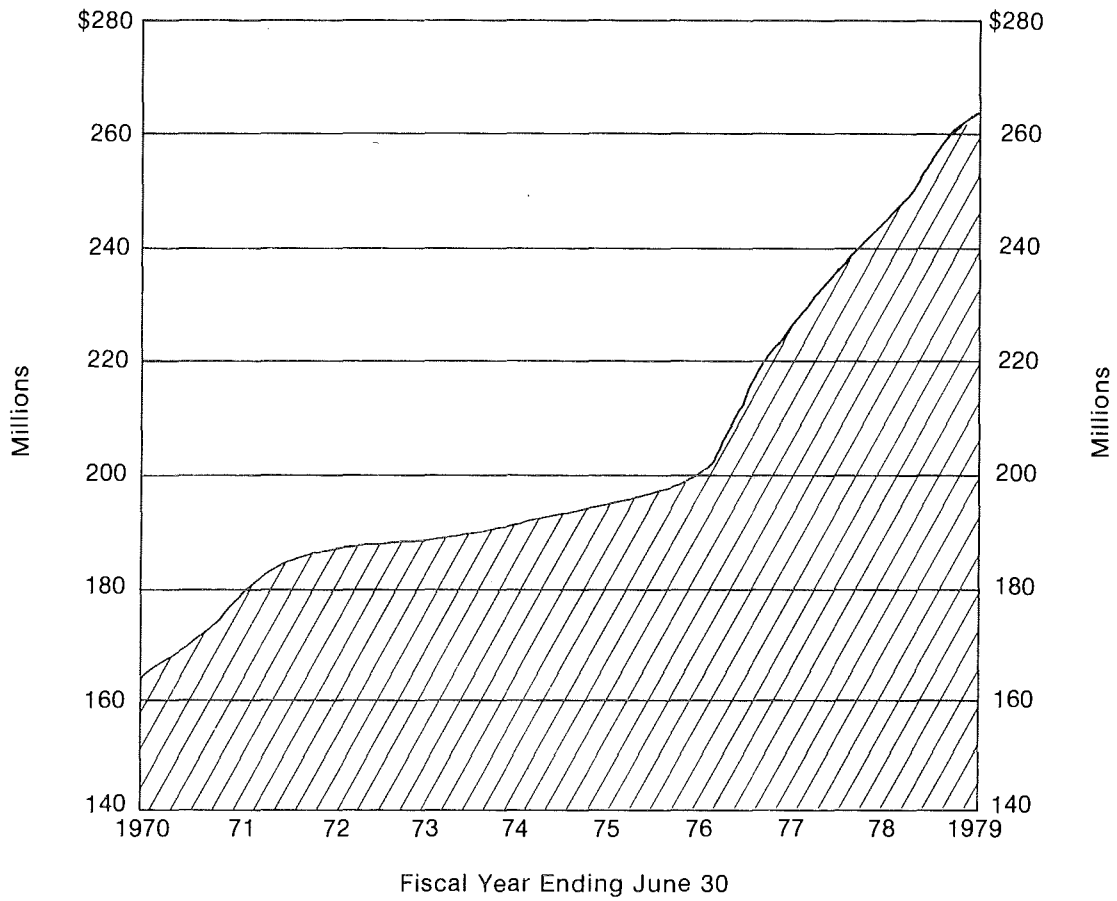
in the Social Security program. In addition, the implementation of the two regulations will result in significantly greater reporting and accounting by the many units under the program.

Earnings on investments of F.I.C.A. tax collections under the State Treasurer's "Cash Pool" totalled \$191,731.33 during the past fiscal year and administrative cost applied against earnings amounted to \$49,851.78.

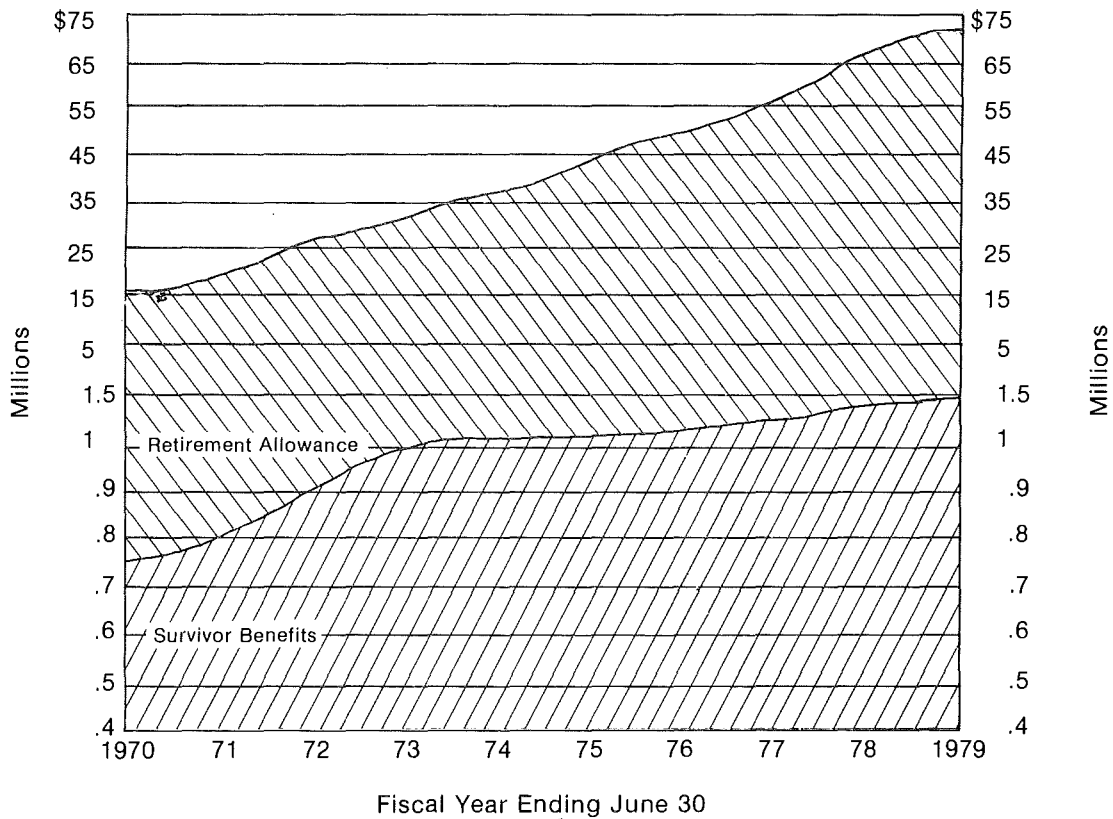
A handwritten signature in cursive script, reading "William G. Blodgett". The signature is written in dark ink and is positioned above a horizontal line.

William G. Blodgett, Executive Director

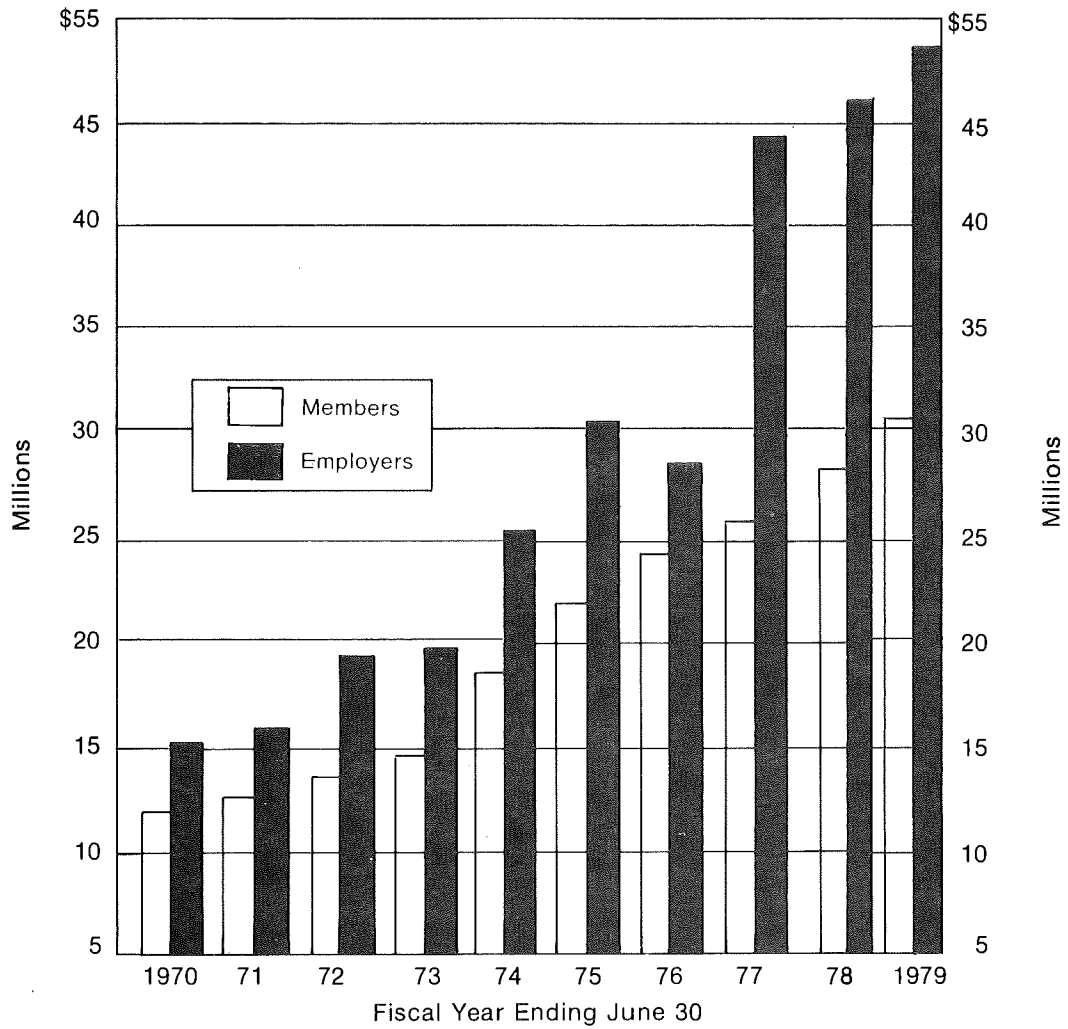
MAINE STATE RETIREMENT SYSTEM ASSETS OF FUND



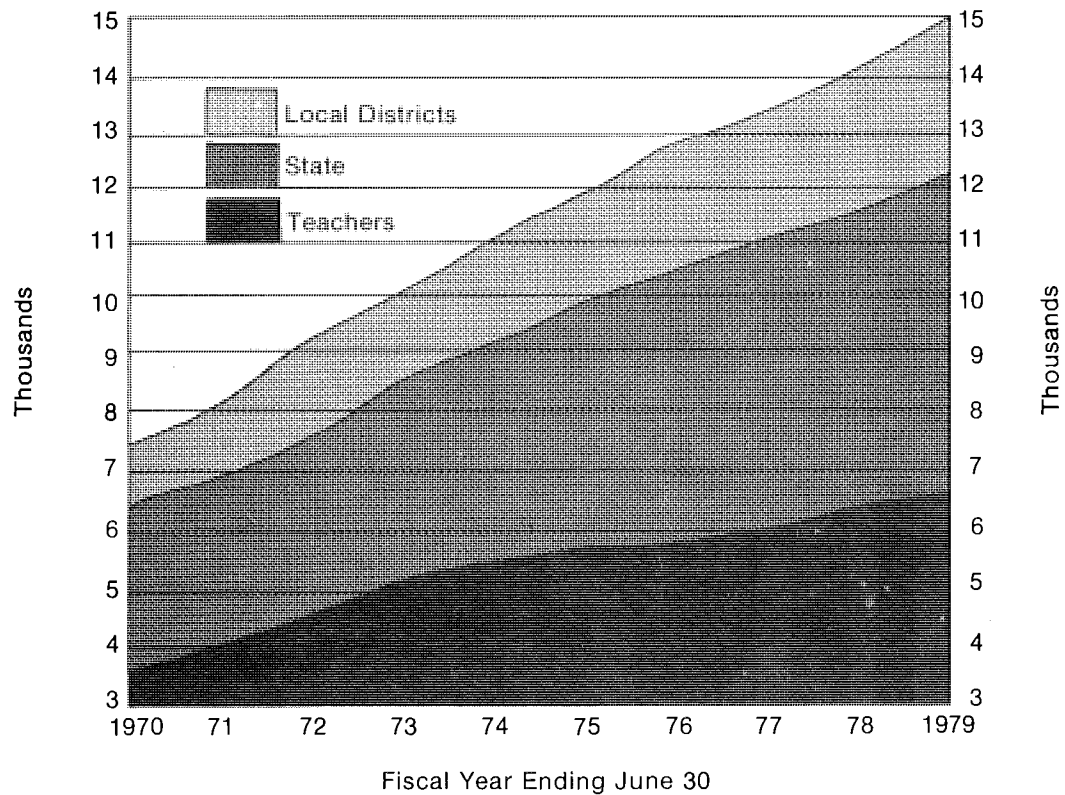
RETIREMENT AND SURVIVOR PAYMENTS



MEMBERS AND EMPLOYERS CONTRIBUTIONS



RETIREMENT ALLOWANCE RECIPIENTS



FINANCIAL HIGHLIGHTS

	<u>1979</u>	<u>1978</u>
Assets of the Fund at Year End	\$263,819,656	\$242,114,704
Net Income From Investments	17,376,101	12,521,208
Year End Investments (Cost)	247,923,508	230,676,904
Year End Investments (Market)	258,369,957	230,171,365
Corporate Stocks in Portfolio (Cost)	105,688,128	100,538,385
Percent of Portfolio	42.7%	43.6%
Bonds in Portfolio (Cost)	111,107,156	104,052,377
Percent of Portfolio	44.8%	45.1%
Mortgages in Portfolio (Cost)	6,445,242	7,216,835
Percent of Portfolio	2.6%	3.1%
Insured Guaranteed Contract (Cost)	5,000,000	5,000,000
Percent of Portfolio	2.0%	2.2%
Time Deposits in Portfolio (Cost)	999,726	5,502,836
Percent of Portfolio	.4%	2.4%
Commingled Trust Fund	18,683,256	8,366,471
Percent of Portfolio	7.5%	3.6%

RETIREMENT ALLOWANCES paid - June 30, 1979

	<u>VALUE</u>		<u>PERSONS</u>	
	<u>Dollars</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
State Employees	\$2,065,800	34.5%	5,677	37.9%
Teachers	3,168,189	52.9%	6,626	44.2%
Participating Local Districts	<u>750,512</u>	12.6%	<u>2,688</u>	17.9%
TOTAL	<u>\$5,984,501</u>		<u>14,991</u>	

SURVIVOR BENEFITS paid - June 30, 1979

	<u>VALUE</u>		<u>PERSONS</u>	
	<u>Dollars</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
State Employees	\$ 71,219	57.8%	409	57.3%
Teachers	32,265	26.2%	169	23.7%
Participating Local Districts	<u>19,741</u>	16.0%	<u>136</u>	19.0%
TOTAL	<u>\$ 123,225</u>		<u>714</u>	

STATISTICS

MEMBERSHIP - June 30, 1979:

	<u>ACTIVE</u>	<u>INACTIVE</u>
State Employees	13,989	7,343
Teachers	17,774	10,938
Participating Local Districts	<u>10,582</u>	<u>2,800</u>
TOTAL	<u>42,345</u>	<u>21,081</u>

RETIREMENT ALLOWANCES - Authorized Year Ended June 30, 1979:

		<u>Percent</u>
State Employees	354	35.7%
Teachers	366	36.9%
Participating Local Districts	<u>272</u>	27.4%
TOTAL	<u>992</u>	

SURVIVOR BENEFITS - Authorized Year Ended June 30, 1979:

		<u>Percent</u>
State Employees	22	53.6%
Teachers	11	26.8%
Participating Local Districts	<u>8</u>	19.6%
TOTAL	<u>41</u>	

Participating Local Districts

Towns	100
Sewer & Water Districts	41
Cities	19
S.A.D.'s	17
Counties	16
Housing Authorities	9
Public Libraries	4
Miscellaneous	<u>42</u>
TOTAL	<u>248</u>

MAINE STATE RETIREMENT SYSTEM
Comparative Balance Sheet
at June 30

ASSETS

		<u>1979</u>	<u>1978</u>	Increase or (Decrease)
Investments:				
Bonds	Note I	\$111,107,155.78	\$104,052,376.79	\$ 7,054,778.99
Stocks				
Common	Note I	105,688,127.74	100,230,884.93	5,457,242.81
Preferred	Note I	---	307,500.00	(307,500.00)
		<u>105,688,127.74</u>	<u>100,538,384.93</u>	<u>5,149,742.81</u>
Mortgages	Note II	6,445,242.03	7,216,834.68	(771,592.65)
Commingled Fund				
Morgan Guaranty Trust	Note I	15,533,248.40	8,366,471.44	7,166,776.96
Travelers Insurance Co.	Note III	3,150,007.57	---	3,150,007.57
		<u>18,683,255.97</u>	<u>8,366,471.44</u>	<u>10,316,784.53</u>
Insured Guaranteed Contract (Unionmutual)	Note I	5,000,000.00	5,000,000.00	---
Cash - Time Deposit		999,726.29	5,502,836.37	(4,503,110.08)
Total Investments		<u>247,923,507.81</u>	<u>230,676,904.21</u>	<u>17,246,603.60</u>
Other Assets:				
Cash (Demand Deposit)	Note IV	11,422,435.33	8,331,568.83	3,090,866.50
Cash (Fiduciary)		707,726.48	347,858.02	359,868.46
Accrued Interest		3,586,374.86	2,749,795.85	836,579.01
Accounts Receivable (Net)		179,611.77	4,432.08	175,179.69
Miscellaneous		3,082.22	4,145.73	(1,063.51)
Total Other Assets		<u>15,899,230.66</u>	<u>11,437,800.51</u>	<u>4,461,430.15</u>
Total Assets		<u>\$263,822,738.47</u>	<u>\$242,114,704.72</u>	<u>\$ 21,708,033.75</u>

TRUST RESERVES & LIABILITIES

Trust Reserves:				
Members Contribution Fund - Current		\$209,911,048.27	\$187,860,337.37	\$ 22,050,710.90
Members Contribution Fund - Prior		332,591.01	428,578.19	(95,987.18)
Retirement Allowance Fund		41,686,545.43	43,705,181.32	(2,018,635.89)
Survivor Benefit Fund		10,889,325.21	9,356,787.96	1,532,537.25
Total Trust Reserves		<u>262,819,509.92</u>	<u>241,350,884.84</u>	<u>21,468,625.08</u>

Liabilities & Operating Reserves:

Accounts Payable	75,049.63	319,404.75	(244,355.12)
Reserve for Expenditures	353,411.23	440,269.40	(86,858.17)
State Retirees Health Insurance	571,685.47	--	571,685.47
Due to Other Funds	<u>3,082.22</u>	<u>4,145.73</u>	<u>(1,063.51)</u>
Total Liabilities & Operating Reserves	<u>1,003,228.55</u>	<u>763,819.88</u>	<u>239,408.67</u>
Total Reserves & Liabilities	<u>\$263,822,738.47</u>	<u>\$242,114,704.72</u>	<u>\$ 21,708,033.75</u>

Note I	Cost
Note II	Cost less principal received and 1/15 discount
Note III	Market Value
Note IV	Invested in State Treasurer's "Cash Pool"

Book Value of Investments per Northeast Banks of Lewiston & Auburn, Maine \$248,732,523.61

Deduct:

Trade-date Items not settled 809,015.80

Book Value of Investments per Maine State Retirement System \$247,923,507.81

Market Value of Securities, June 30, 1979

	<u>PUTNAM</u>	<u>ALLIANCE</u>	<u>MASS. FINANCE</u>	<u>MERRILL</u>	<u>MERCHANTIS</u>	<u>BABSON</u>	<u>NORTHEAST BANK</u>	<u>TOTAL</u>
Bonds	\$32,481,862.00	\$36,173,113.00	\$30,657,250.00	\$5,378,128.00	\$3,698,812.00	\$ 435,000.00	\$ 30,000.00	\$108,854,165.00
Stocks-Common	37,651,887.00	41,953,307.00	--	3,716,950.00	4,729,182.00	29,031,522.00	--	117,082,848.00
Mortgages	--	--	--	--	--	--	(a) 6,445,242.03	6,445,242.03
Commingled Fund-								
Morgan Guaranty Trust	--	--	--	--	--	--	15,122,804.00	15,122,804.00
Travelers Insurance Co.	--	--	--	--	--	--	3,150,007.57	3,150,007.57
Insured Guaranteed								
Contract (Unionmutual)	--	--	--	--	--	--	(b) 6,714,889.90	6,714,889.90
Cash-Time Deposit	<u>--</u>	<u>--</u>	<u>1,000,000.00</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>1,000,000.00</u>
Total	<u>\$70,133,749.00</u>	<u>\$78,126,420.00</u>	<u>\$31,657,250.00</u>	<u>\$9,095,078.00</u>	<u>\$8,427,994.00</u>	<u>\$29,466,522.00</u>	<u>\$31,462,943.50</u>	<u>\$258,369,956.50</u>

(a) Book Value - Market Value not available/Custodial Service only

(b) Accrued Interest of \$1,714,889.89 set up as an asset as of June 30, 1979

¹Unfunded Accrued Benefits (Liability) at June 30, 1979 - State Employees and Teachers

\$873,392,000.00

²Included in Unfunded Benefits (Liability¹) is an amount of \$122,108,772.03, representing benefits paid and interest costs on "non-contributory" teachers in excess of funding which is considered payable by the State of Maine

³Unfunded Accrued Benefits (Liability) at June 30, 1979 - Participating Districts

\$ 98,446,195.00

MAINE STATE RETIREMENT SYSTEM

Balance Sheet

June 30, 1979

<u>Assets</u>		<u>Trust Reserves & Liabilities</u>					
		<u>Total Fund</u>	<u>State</u>	<u>Teachers Post - 7/1/24</u>	<u>Teachers Pre - 7/1/24</u>	<u>Participating Districts</u>	
Investments:		Trust Reserves:					
Bonds	\$111,107,155.78	Members Contribution					
Common Stocks	105,688,127.74	Fund - Current	\$209,911,048.27	\$ 71,556,482.68	\$102,997,016.94	\$ --	\$35,357,548.65
Mortgages	6,445,242.03						
Commingled Fund:		Members Contribution					
Morgan Guaranty Trust		Fund - Prior	332,591.01	--	332,591.01	--	--
Company	15,533,248.40						
Travelers Insurance Co.	3,150,007.57	Retirement Allowance					
	18,683,255.97	Fund	41,686,545.43	47,070,671.78	65,827,520.04	(122,108,772.03)	50,897,125.64
Insured Guaranteed							
Contract	5,000,000.00	Survivor Benefit					
Cash - Time Deposits	999,726.29	Fund	10,889,325.21	3,114,095.07	6,589,809.39	--	1,185,420.75
Total Investments	247,923,507.81	Total Trust Reserves	262,819,509.92	121,741,249.53	175,746,937.38	(122,108,772.03)	87,440,095.04
Other Assets:		Liabilities & Operating Reserves:					
Cash (Demand Deposit)*	11,422,435.33	Accounts Payable	75,049.63	23,738.20	34,267.66	--	17,043.77
Cash (Fiduciary)	707,726.48	Reserve for Expenditures	353,411.23	133,023.98	158,186.87	--	62,200.38
Accrued Interest	3,586,374.86	State Retirees Health					
Accounts Receivable (Net)	179,611.77	Insurance	571,685.47	571,685.47	--	--	--
Miscellaneous	3,082.22	Due to Other Funds	3,082.22	1,160.15	1,379.60	--	542.47
Total Other Assets	15,899,230.66	Total Liabilities & Operating Reserves	1,003,228.55	729,607.80	193,834.13	--	79,786.62
Total Assets	\$263,822,738.47	Total Reserves & Liabilities	\$263,822,738.47	\$122,470,857.33	\$175,940,771.51	(\$122,108,772.03)	\$87,519,881.66

Post 7/1/24 - Includes teachers who began teaching after this date and have made retirement contributions since July 1924

Pre 7/1/24 - Includes teachers who began teaching before this date and who were not required to make contributions until 1945

* - Invested in State Treasurer's "Cash Pool"

MAINE STATE RETIREMENT SYSTEM

Investments - Bonds - By Issuer

June 30, 1979

Alliance Capital Management Corp.

<u>Par Value</u>	<u>Security</u>	<u>Book Value</u>	<u>Market Value</u>
	<u>U.S. GOVERNMENT</u>		
999	Govt. Natl. Mtg. Assn.	\$ 944,214.62	\$ 954,822.00
2,000	United States Treas. Bills	1,936,966.67	1,972,560.00
13,750	United States Treas. Bds.	13,534,311.86	13,209,025.00
<u>16,749</u>	<u>TOTAL U.S. GOVERNMENT</u>	<u>16,415,493.15</u>	<u>16,136,407.00</u>
	<u>CORPORATE & OTHER</u>		
1,000	American Tel. & Teleg. Co. Reg.	927,470.00	887,500.00
500	BP North Amer. Fin. Corp.	527,500.00	495,000.00
250	Bell Tel. Co. Pa.	210,685.00	206,250.00
1,000	Bell Tel. Co. Pa.	941,045.00	896,250.00
500	Beneficial Corp.	500,000.00	499,375.00
500	Continental Oil Co.	498,750.00	503,125.00
620	DeKalb Agresearch Inc.	614,687.81	619,690.00
500	General Elec. Co.	509,685.00	486,250.00
43	General Mtrs. Accep. Corp.	42,657.94	42,828.00
1,000	International Bk. for Recon. & Dev.	996,250.00	912,500.00
675	Kansas Pwr. & Lt. Co.	669,390.94	670,052.00
500	New Jersey Bell Tel. Co.	420,000.00	407,500.00
1,000	Pacific Tel. & Teleg. Co.	1,000,000.00	988,750.00
1,000	Proctor & Gamble Co.	966,457.50	940,000.00
165	Prulase Inc.	163,628.20	164,585.00
500	Southern Bell Tel. & Teleg. Co.	466,250.00	443,750.00
1,000	Southwestern Bell Tel. Co.	763,400.00	761,250.00
1,000	Standard Oil Co. Ind.	926,040.00	881,250.00
1,000	Texas Instrs. Inc.	991,155.56	997,750.00
470	Weyerhaeuser Mtg. Co.	466,074.19	467,561.00
<u>13,223</u>	<u>TOTAL CORPORATE & OTHER</u>	<u>12,601,127.14</u>	<u>12,271,216.00</u>
<u>29,972</u>	<u>TOTAL BONDS</u>	<u>29,016,620.29</u>	<u>28,407,623.00</u>

Massachusetts Financial Services, Inc.

	<u>U.S. GOVERNMENT</u>		
1,000	Federal Home Ln. Bks.	1,023,595.63	958,750.00
10,723	United States Treas. Nts.	10,910,980.68	10,238,693.00
6,920	United States Treas. Bds.	6,906,745.77	6,589,420.00
<u>18,643</u>	<u>TOTAL U.S. GOVERNMENT</u>	<u>18,841,322.08</u>	<u>17,786,863.00</u>
	<u>CORPORATE & OTHER</u>		
1,250	American Tel. & Teleg. Co.	811,155.00	775,000.00
250	Avco Finl. Svcs. Inc.	250,000.00	245,625.00
1,250	Beneficial Corp.	1,233,229.50	1,176,563.00
850	Charter N.Y. Corp.	850,000.00	852,125.00
1,000	Columbia Gas Sys. Inc.	994,120.00	1,012,500.00
250	Ford Mtr. Cr. Co.	256,576.02	232,813.00
1,500	General Mtrs. Accep. Corp.	1,526,875.00	1,397,813.00
1,556	Montgomery Ward Cr. Corp.	1,551,072.67	1,552,499.00
500	Pacific Northwest Bell Tel. Co.	411,750.00	314,375.00
1,121	Pacific Tel. & Teleg. Co.	1,116,241.98	1,120,440.00
1,500	Philip Morris Inc.	1,500,000.00	1,507,500.00
500	Republic Tex. Corp.	500,000.00	502,500.00
750	Soo Line Rr. Co.	724,095.00	699,375.00
1,482	Western Elec. Co. Inc.	1,478,912.50	1,481,259.00
<u>13,759</u>	<u>TOTAL CORPORATE & OTHER</u>	<u>13,204,027.67</u>	<u>12,870,387.00</u>
<u>32,402</u>	<u>TOTAL BONDS</u>	<u>32,045,349.75</u>	<u>30,657,250.00</u>

The Putnam Advisory Co., Inc.

<u>Par Value</u>	<u>Security</u>	<u>Book Value</u>	<u>Market Value</u>
	<u>U.S. GOVERNMENT</u>		
2,052	Federal Home Ln. Mtg. Corp.	\$ 1,914,897.15	\$ 1,927,368.00
500	Federal Natl. Mtg. Assn.	500,000.00	471,250.00
4,245	Govt. Natl. Mtg. Assn.	4,059,054.63	3,989,040.00
4,150	United States Treas. Nts.	4,022,742.19	4,065,528.00
4,475	United States Treas. Bds.	4,115,208.50	4,199,956.00
<u>15,422</u>	<u>TOTAL U.S. GOVERNMENT</u>	<u>14,611,902.47</u>	<u>14,653,142.00</u>
	<u>CORPORATE & OTHER</u>		
1,000	Bell Tel. Co. Pa.	978,750.00	997,500.00
500	Exxon Pipeline Co.	531,200.00	490,000.00
1,055	Ford Mtr. Cr. Co.	1,045,015.00	1,042,500.00
1,000	General Mls. Inc.	990,500.00	1,012,500.00
1,500	General Mtrs. Accep. Corp.	1,487,310.00	1,443,125.00
500	ICI North Amer. Inc.	460,625.00	465,000.00
750	Mountain Sts. Tel. & Teleg. Co.	728,437.50	661,875.00
1,000	New England Tel. & Teleg. Co.	921,560.00	812,500.00
1,000	Pacific Tel. & Teleg. Co.	1,001,250.00	998,125.00
750	Pfizer Inc.	736,875.00	750,000.00
64	Sears Roebuck Accep. Corp.	64,000.00	64,000.00
1,250	South Cent. Bell Tel. Co.	1,180,527.50	1,131,250.00
500	Southwestern Bell Tel. Co.	481,220.00	471,250.00
1,350	Standard Oil Co. Ohio	1,334,433.50	1,215,000.00
<u>12,219</u>	<u>TOTAL CORPORATE & OTHER</u>	<u>11,941,703.50</u>	<u>11,554,625.00</u>
<u>27,641</u>	<u>TOTAL BONDS</u>	<u>26,553,605.97</u>	<u>26,207,767.00</u>

Alliance Capital Management Corp. - Stock Account

	<u>CORPORATE & OTHER</u>		
2,200	BLC Corp.	2,181,941.67	2,187,636.00
885	General Mtrs. Accep. Corp.	878,116.67	884,558.00
120	Ohio Bell Tel. Co.	119,294.17	119,940.00
1,820	Prullease Inc.	1,804,909.17	1,815,905.00
1,156	Salomon Bros. Inc. Pur. of Govt. Natl. Mtg. Assn.	1,000,000.00	981,456.00
1,780	Sears Roebuck Accep. Corp.	1,769,394.17	1,775,995.00
<u>7,961</u>	<u>TOTAL CORPORATE & OTHER</u>	<u>7,753,655.85</u>	<u>7,765,490.00</u>
<u>7,961</u>	<u>TOTAL BONDS</u>	<u>7,753,655.85</u>	<u>7,765,490.00</u>

David L. Babson & Co., Inc. - Stock Account

	<u>CORPORATE & OTHER</u>		
293	General Elec. Cr. Corp.	293,000.00	293,000.00
142	General Mtrs. Accep. Corp.	142,000.00	142,000.00
<u>435</u>	<u>TOTAL CORPORATE & OTHER</u>	<u>435,000.00</u>	<u>435,000.00</u>
<u>435</u>	<u>TOTAL BONDS</u>	<u>435,000.00</u>	<u>435,000.00</u>

Merchants National Bank - Stock Account

	<u>U.S. GOVERNMENT</u>		
2,420	United States Treas. Bills	2,361,479.89	2,409,812.00
<u>2,420</u>	<u>TOTAL U.S. GOVERNMENT</u>	<u>2,361,479.89</u>	<u>2,409,812.00</u>

Merchants National Bank - Stock Account - Continued

<u>Par</u> <u>Value</u>	<u>Security</u>	<u>Book</u> <u>Value</u>	<u>Market</u> <u>Value</u>
	<u>CORPORATE & OTHER</u>		
238	Ford Mtr. Cr. Co.	\$ 238,000.00	\$ 238,000.00
265	General Elec. Cr. Corp.	265,000.00	265,000.00
236	General Mtrs. Accep. Corp.	236,000.00	236,000.00
238	Montgomery Ward Cr. Corp.	238,000.00	238,000.00
312	Prulease Inc.	312,000.00	312,000.00
<u>1,289</u>	<u>TOTAL CORPORATE & OTHER</u>	<u>1,289,000.00</u>	<u>1,289,000.00</u>
<u>3,709</u>	<u>TOTAL BONDS</u>	<u>3,650,479.89</u>	<u>3,698,812.00</u>

Merrill Trust Co. - Stock Account

	<u>U.S. GOVERNMENT</u>		
225	United States Treas. Bills	219,566.25	221,128.00
<u>225</u>	<u>TOTAL U.S. GOVERNMENT</u>	<u>219,566.25</u>	<u>221,128.00</u>
	<u>CORPORATE & OTHER</u>		
823	Allstate Finl. Corp.	823,000.00	823,000.00
870	Ford Mtr. Cr. Co.	870,000.00	870,000.00
773	General Elec. Cr. Corp.	773,000.00	773,000.00
773	General Mtrs. Accep. Corp.	773,000.00	773,000.00
457	Montgomery Ward Cr. Corp.	457,000.00	457,000.00
638	Penney J.C. Finl. Corp.	638,000.00	638,000.00
823	Prulease Inc.	823,000.00	823,000.00
<u>5,157</u>	<u>TOTAL CORPORATE & OTHER</u>	<u>5,157,000.00</u>	<u>5,157,000.00</u>
<u>5,382</u>	<u>TOTAL BONDS</u>	<u>5,376,566.25</u>	<u>5,378,128.00</u>

The Putnam Advisory Co., Inc. - Stock Account

	<u>CORPORATE & OTHER</u>		
1,500	Citicorp	1,511,250.00	1,513,125.00
1,000	First Natl. Boston Corp.	975,954.17	983,860.00
880	Ford Mtr. Cr. Co.	880,000.00	880,000.00
50	General Elec. Cr. Corp.	50,000.00	50,000.00
459	General Mtrs. Accep. Corp.	459,000.00	459,000.00
500	Republic Tex. Corp.	501,562.50	502,500.00
402	Sears Roebuck Accep. Corp.	402,000.00	402,000.00
1,500	Wells Fargo & Co.	1,466,111.11	1,483,610.00
<u>6,291</u>	<u>TOTAL CORPORATE & OTHER</u>	<u>6,245,877.78</u>	<u>6,274,095.00</u>
<u>6,291</u>	<u>TOTAL BONDS</u>	<u>6,245,877.78</u>	<u>6,274,095.00</u>

Security Loan Account

	<u>CORPORATE & OTHER</u>		
30	Chase Manhattan Bank Demand		
	Repurchase Agmt.	30,000.00	30,000.00
<u>30</u>	<u>TOTAL CORPORATE & OTHER</u>	<u>30,000.00</u>	<u>30,000.00</u>
<u>30</u>	<u>TOTAL BONDS</u>	<u>30,000.00</u>	<u>30,000.00</u>
<u>113,823</u>	<u>TOTAL BONDS ALL ACCOUNTS</u>	<u>\$111,107,155.78</u>	<u>\$108,854,165.00</u>

MAINE STATE RETIREMENT SYSTEM

Investments - Stocks

June 30, 1979

Alliance Capital Management Corp.

<u>Shares</u>	<u>Security</u>	<u>Book Value</u>	<u>Market Value</u>
	<u>Common Stocks</u>		
	<u>FINANCIAL & CREDIT RELATED</u>		
38,000	Citicorp	\$ 1,039,117.50	\$ 954,750.00
40,000	Farmers Group Inc.	823,750.00	970,000.00
45,000	Great Westn. Finl. Corp.	855,000.40	1,119,375.00
22,198	Communications Satellite Corp.	901,655.85	1,007,234.00
	TOTAL FINANCIAL & CREDIT RELATED	<u>3,619,523.75</u>	<u>4,051,359.00</u>
	<u>CONSTRUCTION</u>		
25,300	Armstrong Cork Co.	641,085.50	449,075.00
36,000	Owens Corning Fiberglas Corp.	1,071,205.00	904,500.00
	TOTAL CONSTRUCTION	<u>1,712,290.50</u>	<u>1,353,575.00</u>
	<u>ENERGY</u>		
15,400	Atlantic Richfield Co.	736,392.00	1,039,500.00
33,400	Marathon Oil Co.	927,574.00	1,269,200.00
20,000	Murphy Oil Corp.	628,731.00	1,207,500.00
30,000	Standard Oil Co. Ohio	1,030,557.40	1,680,000.00
800	Canadian Superior Oil Ltd.	93,853.60	93,600.00
3,500	Superior Oil Co.	976,394.70	1,489,250.00
20,000	Dresser Inds. Inc.	884,123.00	907,500.00
14,500	Halliburton Co.	871,265.00	971,500.00
13,500	Schlumberger Ltd.	538,395.00	999,000.00
	TOTAL ENERGY	<u>6,687,285.70</u>	<u>9,657,050.00</u>
	<u>CONSUMER</u>		
25,000	Seagram Ltd.	774,872.00	790,625.00
56,706	Norton Simon Inc.	1,109,887.37	850,590.00
16,000	Eastman Kodak Co.	2,059,783.30	914,000.00
20,500	American Broadcasting Cos. Inc.	531,198.50	848,188.00
18,000	Capital Cities Communications Inc.	501,120.00	720,000.00
35,000	Donnelley R R & Sons Co.	963,851.50	971,250.00
20,000	Dow Jones & Co. Inc.	622,836.00	697,500.00
30,000	K Mart Corp.	1,062,492.50	795,000.00
30,900	Revco D S Inc.	538,707.40	795,675.00
	TOTAL CONSUMER	<u>8,164,748.57</u>	<u>7,382,828.00</u>
	<u>DRUGS & MEDICAL</u>		
13,000	Johnson & Johnson	1,050,058.32	932,750.00
	TOTAL DRUGS & MEDICAL	<u>1,050,058.32</u>	<u>932,750.00</u>
	<u>SCIENCE & TECHNOLOGY</u>		
20,000	Digital Equip. Corp.	941,703.00	1,115,000.00
44,000	International Business Machs. Corp.	2,687,936.40	3,228,500.00
21,750	Intel Corp.	676,250.00	1,114,688.00
	TOTAL SCIENCE & TECHNOLOGY	<u>4,305,889.40</u>	<u>5,458,188.00</u>
	<u>INTERMEDIATE & CAPITAL GOODS</u>		
19,010	Big Three Inds. Inc.	631,047.00	731,885.00
33,801	Boise Cascade Corp.	882,374.60	1,161,909.00
40,100	Koppers Inc.	933,440.00	952,375.00
18,000	Amax Inc.	439,904.74	740,250.00
23,300	Northern Telecom Ltd.	840,676.20	902,875.00
18,000	Caterpillar Tractor Co.	854,380.50	992,250.00
21,000	Boeing Co.	298,979.00	850,500.00
24,000	Combustion Engr. Inc.	853,920.00	1,077,000.00
25,000	General Dynamics Corp.	776,613.00	806,250.00
29,900	McDonnell Douglas Corp.	698,822.40	743,763.00
43,000	Signal Cos. Inc.	942,062.20	1,134,125.00
30,000	Waste Mgmt. Inc.	824,610.30	963,750.00
	TOTAL INTERMEDIATE & CAPITAL GOODS	<u>8,976,829.94</u>	<u>11,056,932.00</u>

Alliance Capital Management Corp. - Continued

<u>Shares</u>	<u>Security</u>	<u>Book Value</u>	<u>Market Value</u>
	<u>Common Stocks</u>		
	<u>TRANSPORTATION</u>		
20,000	Missouri Pac. Corp.	\$ 694,915.00	\$ 1,035,000.00
15,000	Union Pac. Corp.	740,750.00	1,025,625.00
	TOTAL TRANSPORTATION	<u>1,435,665.00</u>	<u>2,060,625.00</u>
	TOTAL COMMON STOCKS	<u>35,952,291.18</u>	<u>41,953,307.00</u>

David L. Babson & Co. Inc.

	<u>Common Stocks</u>		
	<u>FINANCIAL & CREDIT RELATED</u>		
35,000	Citicorp	1,212,983.81	879,375.00
15,000	Colonial Penn Group Inc.	332,701.00	384,375.00
23,000	Connecticut Gen. Ins. Corp.	797,000.00	897,000.00
10,000	General Reins Corp. Del.	761,200.00	825,000.00
29,500	American Express Co.	1,046,527.00	1,006,688.00
10,000	American Tel. & Tel. Co.	474,430.90	578,750.00
	TOTAL FINANCIAL & CREDIT RELATED	<u>4,624,842.71</u>	<u>4,571,188.00</u>
	<u>ENERGY</u>		
16,000	Exxon Corp.	796,513.50	862,000.00
15,000	Atlantic Richfield Co.	673,637.67	1,012,500.00
25,000	Marathon Oil Co.	622,046.00	950,000.00
19,000	Dresser Inds. Inc.	782,916.50	862,125.00
14,000	Halliburton Co.	875,010.00	938,000.00
15,000	Schlumberger Ltd.	675,100.00	1,110,000.00
	TOTAL ENERGY	<u>4,425,223.67</u>	<u>5,734,625.00</u>
	<u>CONSUMER</u>		
7,100	General Mtrs. Corp.	561,721.49	421,563.00
16,000	Whirlpool Corp.	458,057.50	338,000.00
20,000	Pepsico Inc.	483,328.00	507,500.00
15,000	Revlon Inc.	569,115.00	695,625.00
35,000	Beatrice Foods Co.	845,545.00	743,750.00
40,000	Colgate Palmolive Co.	895,937.74	635,000.00
12,000	Eastman Kodak Co.	945,158.34	685,500.00
8,000	McDonalds Corp.	483,003.80	364,000.00
13,195	Disney Walt Prodtns.	627,113.48	445,331.00
	TOTAL CONSUMER	<u>5,868,980.35</u>	<u>4,836,269.00</u>
	<u>DRUGS & MEDICAL</u>		
12,000	Abbott Labs	269,667.50	409,500.00
18,000	American Home Prods. Corp.	509,622.50	488,250.00
10,000	Johnson & Johnson	842,108.52	717,500.00
14,000	Lilly Eli & Co.	512,507.50	752,500.00
10,000	Merck & Co. Inc.	547,725.00	675,000.00
20,000	Pfizer Inc.	525,990.00	612,500.00
	TOTAL DRUGS & MEDICAL	<u>3,207,621.02</u>	<u>3,655,250.00</u>
	<u>SCIENCE & TECHNOLOGY</u>		
10,000	Automatic Data Processing Inc.	293,600.00	321,250.00
9,200	Burroughs Corp.	995,862.50	646,300.00
2,500	Compographic Corp.	105,200.00	91,563.00
1,500	Datapoint Corp.	102,555.00	109,125.00
15,000	Digital Equip. Corp.	496,457.78	836,250.00
24,000	International Business Machs. Corp.	1,626,429.39	1,761,000.00
3,500	Reynolds & Reynolds Co.	99,250.00	98,875.00
13,000	Tektronix Inc.	554,410.00	676,000.00
3,000	Millipore Corp.	90,875.00	84,750.00
	TOTAL SCIENCE & TECHNOLOGY	<u>4,364,639.67</u>	<u>4,625,113.00</u>

David L. Babson & Co. Inc. - Continued

<u>Shares</u>	<u>Security</u>	<u>Book Value</u>	<u>Market Value</u>
	<u>Common Stocks</u>		
	<u>INTERMEDIATE & CAPITAL GOODS</u>		
20,000	Air Prods. & Chems. Inc.	\$ 492,107.50	\$ 617,500.00
3,000	Waters Assoc. Inc.	94,125.00	72,000.00
20,000	Big Three Inds. Inc.	668,046.10	770,000.00
25,000	Mallinckrodt Inc.	1,052,500.00	718,750.00
40,000	Stauffer Chem. Co.	775,028.00	810,000.00
20,774	Georgia Pac. Corp.	577,130.98	563,495.00
18,500	Engelhard Minerals & Chems. Corp.	523,023.00	682,188.00
15,000	Emerson Elec. Co.	515,850.00	540,000.00
15,150	Caterpillar Tractor Co.	614,140.35	835,144.00
	TOTAL INTERMEDIATE & CAPITAL GOODS	<u>5,311,950.93</u>	<u>5,609,077.00</u>
	TOTAL COMMON STOCKS	<u>27,803,258.35</u>	<u>29,031,522.00</u>

Merchants National Bank

	<u>Common Stocks</u>		
	<u>FINANCIAL & CREDIT RELATED</u>		
5,500	First Natl. Boston Corp.	154,382.83	162,250.00
5,000	Manufacturers Hanover Corp.	189,345.06	177,500.00
3,500	Morgan J P & Co. Inc.	159,878.70	168,875.00
6,000	Continental Corp.	150,000.00	165,750.00
6,000	General Tel. & Electrs. Corp.	177,429.76	162,000.00
4,000	Allegheny Pwr. Sys. Inc.	66,440.00	68,000.00
5,000	Florida Pwr. & Lt. Co.	135,650.00	139,375.00
10,000	Southwestern Pub. Svc. Co.	137,647.50	135,000.00
1,600	Tampa Elec. Co.	27,707.00	29,200.00
7,158	Texas Utils. Co.	145,459.91	137,792.00
	TOTAL FINANCIAL & CREDIT RELATED	<u>1,343,940.76</u>	<u>1,345,742.00</u>
	<u>ENERGY</u>		
5,000	Gulf Oil Corp.	139,000.05	136,875.00
3,000	Mobil Corp.	92,310.00	117,750.00
8,000	Phillips Pete Co.	223,652.00	306,000.00
4,000	Tenneco Inc.	124,340.27	139,500.00
5,000	Pittston Co.	137,537.20	128,125.00
	TOTAL ENERGY	<u>716,839.52</u>	<u>828,250.00</u>
	<u>CONSUMER</u>		
3,000	General Mtrs. Corp.	237,348.00	178,125.00
3,500	Avon Prods. Inc.	164,947.50	165,375.00
4,000	Kraft Inc.	181,734.61	187,000.00
3,000	Reynolds R J Inds. Inc.	188,580.88	171,000.00
6,000	Donnelley R R & Sons Co.	141,340.27	166,500.00
	TOTAL CONSUMER	<u>913,951.26</u>	<u>868,000.00</u>
	<u>DRUGS & MEDICAL</u>		
4,500	Bristol Myers Co.	156,479.40	145,125.00
7,000	Pfizer Inc.	191,482.83	214,375.00
	TOTAL DRUGS & MEDICAL	<u>347,962.23</u>	<u>359,500.00</u>
	<u>SCIENCE & TECHNOLOGY</u>		
4,000	International Business Machs. Corp.	271,072.00	293,500.00
	TOTAL SCIENCE & TECHNOLOGY	<u>271,072.00</u>	<u>293,500.00</u>
	<u>INTERMEDIATE & CAPITAL GOODS</u>		
7,000	American Cyanamid Co.	193,838.30	182,000.00
3,120	Union Carbide Corp.	180,607.47	115,440.00
6,000	Champion Intl. Corp.	121,313.93	146,250.00
2,500	St. Regis Paper Co.	77,800.00	78,125.00
2,000	Inland Stl. Co.	73,450.00	72,500.00
9,000	Goodyear Tire & Rubr. Co.	188,472.48	142,875.00
3,000	General Elec. Co.	163,020.80	150,000.00
4,000	Trw. Inc.	149,747.60	147,000.00
	TOTAL INTERMEDIATE & CAPITAL GOODS	<u>1,148,250.58</u>	<u>1,034,190.00</u>
	TOTAL COMMON STOCKS	<u>4,742,016.35</u>	<u>4,729,182.00</u>

Merrill Trust Co.

<u>Shares</u>	<u>Security</u>	<u>Book Value</u>	<u>Market Value</u>
	<u>Common Stocks</u>		
	<u>FINANCIAL & CREDIT RELATED</u>		
8,250	United States Fid. & Gty. Co.	\$ 252,331.38	\$ 295,969.00
4,000	American Tel. & Teleg. Co.	189,772.00	231,500.00
10,000	Southern Ind. Gas & Elec. Co.	182,462.00	182,500.00
	TOTAL FINANCIAL & CREDIT RELATED	<u>624,565.38</u>	<u>709,969.00</u>
	<u>ENERGY</u>		
5,000	Atlantic Richfield Co.	219,818.54	337,500.00
10,000	Union Oil Co. Calif.	252,043.01	386,250.00
	TOTAL ENERGY	<u>471,861.55</u>	<u>723,750.00</u>
	<u>DRUGS & MEDICAL</u>		
8,000	Bristol Myers Co.	303,983.67	258,000.00
	TOTAL DRUGS & MEDICAL	<u>303,983.67</u>	<u>258,000.00</u>
	<u>INTERMEDIATE & CAPITAL GOODS</u>		
15,000	N L Inds. Inc.	261,975.00	356,250.00
5,000	Union Carbide Corp.	186,325.00	185,000.00
5,497	Georgia Pac. Corp.	143,420.42	149,106.00
10,000	Amsted Inds. Inc.	240,975.00	375,000.00
6,000	Boeing Co.	274,404.75	243,000.00
10,000	Kidde Walter & Co. Inc.	301,467.50	306,250.00
15,000	Sundstrand Corp.	247,641.73	410,625.00
	TOTAL INTERMEDIATE & CAPITAL GOODS	<u>1,656,209.40</u>	<u>2,025,231.00</u>
	TOTAL COMMON STOCKS	<u>3,056,620.00</u>	<u>3,716,950.00</u>

The Putnam Advisory Co. Inc.

	<u>Common Stocks</u>		
	<u>FINANCIAL & CREDIT RELATED</u>		
29,000	Citicorp	846,494.03	728,625.00
35,600	First Chicago Corp.	806,924.00	680,850.00
11,000	Western Bancorporation	314,432.00	352,000.00
17,600	Alexander & Alexander Svcs. Inc.	480,777.10	475,200.00
10,000	American Intl. Group Inc.	513,050.20	525,000.00
11,000	General Reins Corp. Del.	1,100,403.00	907,500.00
40,000	Transamerica Corp.	710,640.80	720,000.00
	TOTAL FINANCIAL & CREDIT RELATED	<u>4,772,721.13</u>	<u>4,389,175.00</u>
	<u>ENERGY</u>		
15,000	Exxon Corp.	785,200.00	808,125.00
18,000	Atlantic Richfield Co.	961,532.37	1,215,000.00
12,000	Standard Oil Co. Ind.	771,079.10	789,000.00
22,400	Union Oil Co. Calif.	611,489.00	865,200.00
34,000	Louisiana Ld. & Expl. Co.	796,568.00	1,236,750.00
13,500	Gearhart Owen Inds. Inc.	530,333.00	560,250.00
13,000	Halliburton Co.	652,736.45	871,000.00
24,000	Schlumberger Ltd.	1,382,215.00	1,776,000.00
24,000	Mapco Inc.	756,472.68	843,000.00
25,000	Texas Eastn. Corp.	1,011,687.50	1,246,875.00
	TOTAL ENERGY	<u>8,259,313.10</u>	<u>10,211,200.00</u>
	<u>CONSUMER</u>		
13,000	Avon Prods. Inc.	601,614.00	614,250.00
22,900	International Flavors & Fragrances Inc.	509,498.00	469,450.00
18,700	Northwest Inds. Inc.	418,286.10	579,700.00
42,000	Philip Morris Inc.	1,152,039.32	1,449,000.00
13,300	Combined Communications Corp.	417,287.40	458,850.00
7,400	Gannett Inc.	300,900.00	328,375.00
24,000	K Mart Corp.	966,734.77	636,000.00
18,000	McDonalds Corp.	950,692.32	819,000.00
10,000	Melville Corp.	245,950.00	286,250.00
13,300	Walgreen Co.	328,723.10	340,813.00
25,690	Ryder Sys. Inc.	678,747.10	520,223.00
	TOTAL CONSUMER	<u>6,570,472.11</u>	<u>6,501,911.00</u>

The Putnam Advisory Co. Inc. - Continued

<u>Shares</u>	<u>Security</u> <u>Common Stocks</u>	<u>Book Value</u>	<u>Market Value</u>
	<u>DRUGS & MEDICAL</u>		
17,000	Abbott Labs	\$ 598,169.10	\$ 580,125.00
25,000	Bristol Myers Co.	785,812.19	806,250.00
20,000	Lilly Eli & Co.	1,075,563.50	1,075,000.00
24,000	Pfizer Inc.	804,116.70	735,000.00
30,000	Smithkline Corp.	624,547.50	1,365,000.00
28,000	Baxter Travenol Labs Inc.	1,380,931.86	1,186,500.00
	TOTAL DRUGS & MEDICAL	<u>5,269,140.85</u>	<u>5,747,875.00</u>
	<u>SCIENCE & TECHNOLOGY</u>		
12,000	Data Gen. Corp.	598,222.50	819,000.00
15,500	Digital Equip. Corp.	507,008.74	864,125.00
40,000	International Business Machs. Corp.	2,544,815.80	2,935,000.00
10,000	NCR Corp.	575,292.90	665,000.00
7,000	Harris Corp. Del.	128,117.50	199,500.00
9,900	Computervision Corp.	382,172.20	548,213.00
	TOTAL SCIENCE & TECHNOLOGY	<u>4,735,629.64</u>	<u>6,030,838.00</u>
	<u>INTERMEDIATE & CAPITAL GOODS</u>		
25,500	Georgia Pac. Corp.	663,810.08	691,688.00
28,400	Midland Ross Corp.	420,431.10	614,150.00
10,300	Cooper Inds. Inc.	402,939.80	563,925.00
30,000	Northrop Corp.	1,323,886.00	982,500.00
25,000	Sundstrand Corp.	486,538.00	684,375.00
16,000	Thiokol Corp.	569,459.80	566,000.00
18,000	United Technologies Corp.	659,600.25	668,250.00
	TOTAL INTERMEDIATE & CAPITAL GOODS	<u>4,526,665.03</u>	<u>4,770,888.00</u>
	TOTAL COMMON STOCKS	<u>34,133,941.86</u>	<u>37,651,887.00</u>
	TOTAL STOCKS - ALL ACCOUNTS	<u>\$105,688,127.74</u>	<u>\$117,082,848.00</u>

MAINE STATE RETIREMENT SYSTEM

Investments - Mortgages

June 30, 1979

Northeast Banks

<u>SECURITY</u>	<u>BOOK VALUE</u>
Chandler Nursing Home, Inc.	
1st Mtg. Nt. 5.50% 11/1/87	\$ 118,864.86
Farmer Home Administration	
Inds. Lns. - 5.00% Various Maturities	248,927.36
Hancock Dev. Corp. Partic. Ctf.	
1st Mtg. Nt. 6.00% 9/1/81	20,989.54
Hillcrest Manor Partic. Ctf.	
1st Mtg. Nt. 5.25% 4/1/87	53,655.40
Misc. FHA & VA 5.25% Mtges.	
Georgia, Final Mat. 1/1/94	401,988.07
Misc. FHA & VA 5.50% Mtges.	
Georgia, Final Mat. 6/1/92	99,919.26
Misc. FHA & VA 5.75% Mtges.	
Georgia, Final Mat. 6/1/92	141,506.54
Misc. FHA & VA 5.25% Mtges.	
New Jersey, PA. & VA., Final Mat. 3/1/96	79,040.96
Misc. FHA & VA 5.25% Mtges.	
Mississippi, Final Mat. 1/1/94	277,582.19
Misc. FHA & VA 5.50% Mtges.	
Mississippi, Final Mat. 11/1/91	122,679.39
Misc. FHA & VA 5.75% Mtges.	
Mississippi, Final Mat. 9/1/91	112,277.01
Misc. FHA & VA 4.50% Mtges.	
Arizona, Final Mat. 11/1/87	6,934.96
Misc. FHA & VA 5.00% Mtges.	
Arizona, Final Mat. 11/1/87	4,628.30
Misc. FHA & VA 5.75% Mtges.	
Arizona, Final Mat. 11/1/90	208,771.69
Misc. FHA & VA 5.25% Mtges.	
North Carolina, Final Mat. 3/1/94	272,634.10
Misc. FHA & VA 5.50% Mtges.	
North Carolina, Final Mat. 2/1/92	23,156.58
Misc. FHA & VA 5.75% Mtges.	
North Carolina, Final Mat. 12/1/91	216,183.52
Misc. FHA & VA 4.50% Mtges.	
Connecticut, Final Mat. 1/11/86	15,279.57
Misc. FHA & VA 4.50% Mtges.	
Virginia, Final Mat. 5/1/87	28,101.10
Misc. FHA & VA 5.00% Mtges.	
Virginia, Final Mat. 9/1/87	31,536.10
Misc. FHA & VA 5.25% Mtges.	
Virginia, Final Mat. 4/1/96	1,657,464.57
Misc. FHA & VA 5.50% Mtges.	
Virginia, Final Mat. 7/1/96	159,623.50
Misc. FHA & VA 5.75% Mtges.	
Virginia, Final Mat. 12/1/96	56,325.13
Misc. FHA & VA 6.00% Mtges.	
Virginia, Final Mat. 9/1/97	95,799.18
Misc. FHA & VA 4.50% Mtges.	
California, Final Mat. 2/1/86	10,235.99
Misc. FHA & VA 5.00% Mtges.	
Arkansas, Final Mat. 4/1/88	2,177.46
Misc. FHA & VA 5.25% Mtges. California	
New Mexico, Okla. & Texas, Final Mat. 2/1/95	1,108,797.63
Misc. FHA & VA 5.50% Mtges.	
Texas, Final Mat. 5/1/93	10,607.03
Misc. FHA & VA 5.75% Mtges.	
California & Texas, Final Mat. 1/1/92	399,641.71
Misc. FHA & VA 4.50% Mtges.	
Florida & Georgia, Final Mat. 1/1/88	7,501.89
Misc. FHA & VA 5.25% Mtges.	
Florida, Final Mat. 1/1/94	357,666.69

<u>SECURITY</u>	<u>BOOK VALUE</u>
Misc. FHA & VA 5.50% Mtges. Florida, Final Mat. 5/1/92	\$ 7,979.69
Misc. FHA & VA 5.75% Mtges. Florida, Final Mat. 2/1/92	<u>86,765.06</u>
TOTAL MORTGAGES	<u>\$ 6,445,242.03</u>

Note: Market Value not available

<u>Northeast Bank</u>	
Insured Guaranteed Contract 9½% 12/31/80 (Unionmutual) Effective Date: March 31, 1976	\$ 5,000,000.00
Interest earned to June 30, 1979	<u>1,714,889.90</u>
Fund Balance at June 30, 1979	<u>\$ 6,714,889.90</u>

Commingled Trust Fund

Morgan Guaranty Trust Company (Book Value) Effective Date: November 1, 1977	\$15,533,248.40
The Travelers Insurance Company (Book Value) Effective Date: December 29, 1978	<u>3,150,007.57</u>
Value at June 30, 1979	<u>\$18,683,255.97</u>

MAINE STATE RETIREMENT SYSTEM

Investments - Time Deposits

June 30, 1979

Massachusetts Financial Services, Inc.

<u>Security</u>	<u>Book Value</u>	<u>Market Value</u>
Manufacturers Hanover Trust Co.	<u>\$999,726.29</u>	<u>\$1,000,000.00</u>
TOTAL ALL ACCOUNTS	<u>\$999,726.29</u>	<u>\$1,000,000.00</u>

MAINE STATE RETIREMENT SYSTEM
Statement of Trust Fund Balances and
Open Accounts by Activity
June 30, 1979

	Date Entered System	Number of Open Accounts	Members Contribution Fund	Retirement Allowance Fund	Reserve Against Future Losses (Net Losses)	Total Trust Reserves
State Employees		21,332	\$ 71,556,482.68	\$ 54,921,714.50	(\$ 7,851,042.72)	\$118,627,154.46
Teachers - Contributory		28,713	103,329,607.95	77,061,286.47	(11,233,766.43)	169,157,127.99
Teachers - Non-Contributory		---	--	(122,108,772.03)	--	(122,108,772.03)
Androscoggin County	1/24/61	66	147,412.53	291,875.61	(22,470.47)	416,817.67
Androscoggin Valley Reg. Plan. Comm.	11/01/76	21	27,176.22	10,088.21	112.90	37,377.33
Aroostook County	1/01/68	77	150,255.31	409,957.00	(15,894.80)	544,317.51
Auburn	1/01/48	422	1,082,948.50	2,152,324.97	(130,864.31)	3,104,409.16
Auburn Housing Authority	1/01/71	9	21,388.01	49,224.09	(661.55)	69,950.55
Auburn Public Library	7/01/50	12	36,266.97	118,464.10	(9,439.40)	145,291.67
Auburn Sewerage District	10/01/53	12	31,385.48	107,607.38	(3,813.56)	135,179.30
Auburn Water District	10/01/53	16	59,361.60	275,307.83	(12,390.76)	322,278.67
Augusta	10/01/47	383	1,295,249.99	1,749,659.56	(117,729.39)	2,927,180.16
Augusta Sanitary District	1/04/60	26	106,415.85	125,193.49	(6,091.27)	225,518.07
Augusta Water District	7/01/49	23	147,950.21	171,391.26	(19,305.57)	300,035.90
Baileyville	4/01/61	31	58,621.36	81,451.43	(5,325.96)	134,746.83
Bangor	7/01/47	970	3,556,877.01	4,388,382.97	(308,311.90)	7,636,948.08
Bangor Public Library	7/01/47	36	153,922.19	271,976.91	(29,662.17)	396,236.93
Bangor Water District	5/21/57	37	132,590.31	160,779.01	(17,160.54)	276,208.78
Bar Harbor	4/01/46	63	179,480.75	355,230.05	(26,739.46)	507,971.34
Bath	4/01/63	180	496,430.32	1,146,663.57	(49,474.41)	1,593,619.48
Bath Water District	12/01/46	10	62,399.88	163,519.36	(10,771.84)	215,147.40
Belfast	7/01/49	48	118,190.97	151,997.71	(13,418.90)	256,769.78
Belfast Water District	7/01/69	6	28,285.88	59,433.64	(1,881.92)	85,837.60
Berwick	4/01/68	9	18,677.31	29,325.78	(2,242.06)	45,761.03
Berwick Sewer District	11/04/74	7	13,777.49	10,793.85	96.93	24,668.27
Bethel	4/01/78	9	5,662.20	3,877.33	14.57	9,554.10
Biddeford	1/01/72	249	522,244.23	475,477.81	(11,889.80)	985,832.24
Bingham Water District	1/01/72	5	1,826.61	23,500.02	(182.22)	25,144.41

	Date Entered System	Number of Open Accounts	Members Contribution Fund	Retirement Allowance Fund	Reserve Against Future Losses (Net Losses)	Total Trust Reserves
Boothbay-Boothbay Harbor C.S.D.	7/01/74	6	\$ 11,298.55	\$ 17,468.55	\$ 131.68	\$ 28,898.78
Boothbay Harbor	3/01/71	25	45,128.67	46,424.06	(1,347.74)	90,204.99
Boothbay Harbor Water System	7/01/47	5	20,431.32	56,643.32	(4,585.42)	72,489.22
Bradford	4/01/74	3	1,604.61	2,481.17	18.33	4,104.11
Brewer	1/02/60	168	349,982.04	416,067.10	(17,933.87)	748,115.27
Brewer Housing Authority	8/01/78	3	1,420.77	1,582.83	4.25	3,007.85
Brewer Water District	5/01/61	7	39,668.61	76,649.92	(5,603.09)	110,715.44
Bridgton	3/01/73	23	39,840.76	59,649.41	(539.39)	98,950.78
Bridgton Water District	2/01/79	2	485.37	352.40	1.17	838.94
Brownville	4/05/73	10	13,500.14	11,747.12	(156.06)	25,091.20
Brunswick	7/01/50	265	738,413.73	1,390,229.95	(80,295.59)	2,048,348.09
Brunswick Sewer District	1/01/63	9	24,867.63	70,153.09	(3,424.98)	91,595.74
Bucksport	7/01/69	78	146,515.27	209,746.69	(7,238.46)	349,023.50
Calais	7/01/49	104	185,747.90	280,164.87	(17,715.26)	448,197.51
Camden	4/01/44	41	106,606.92	158,552.49	(11,769.64)	253,389.77
Cape Elizabeth	4/01/66	131	300,259.62	403,173.34	(16,684.42)	686,748.54
Caribou - Fire & Police	5/01/75	24	50,289.11	65,479.29	533.97	116,302.37
Chevrus High School	11/01/74	20	57,621.62	41,271.06	350.15	99,242.83
China	3/05/77	3	1,668.91	1,546.58	9.94	3,225.43
Community School District #912	1/22/79	2	294.26	1,661.48	2.76	1,958.50
Community School District #915	7/01/76	21	9,135.23	9,022.88	64.22	18,222.33
Corinna	4/01/75	6	15,120.57	32,740.22	314.42	48,175.21
Corinna Sewer District	1/01/79	3	485.44	643.62	1.59	1,130.65
Cranberry Isle	3/01/71	--	--	2,916.05	(226.09)	2,689.96
Cumberland	10/01/74	25	46,168.89	23,693.53	456.02	70,318.44
Cumberland County	1/01/44	92	209,561.41	435,294.35	(31,568.47)	613,287.29
Damariscotta	1/01/74	3	3,916.47	4,039.83	(39.57)	7,916.73
Dexter	3/01/67	21	48,061.64	85,884.04	(5,344.43)	128,601.25
Dixfield	4/01/74	13	18,006.24	31,716.95	39.32	49,762.51
Dover-Foxcroft	7/01/72	27	45,364.12	62,131.90	(550.25)	106,945.77
Dover-Foxcroft Water District	5/01/70	2	9,265.87	14,341.77	(385.59)	23,222.05
Durham	9/01/76	9	4,557.42	1,812.79	10.66	6,380.87
East Millinocket	1/01/56	42	205,433.71	256,419.84	(20,360.29)	441,493.26
Easton	7/01/77	8	5,760.78	7,426.13	25.12	13,212.03
Eliot	4/01/73	14	25,564.05	38,007.31	(133.17)	63,438.19

	Date Entered System	Number of Open Accounts	Members Contribution Fund	Retirement Allowance Fund	Reserve Against Future Losses (Net Losses)	Total Trust Reserves
Ellsworth	1/01/46	153	\$ 245,623.79	\$ 300,161.24	(\$ 20,511.93)	\$ 525,273.10
Erskine Academy	9/01/78	3	1,154.80	1,125.80	3.19	2,283.79
Exeter	10/01/71	1	1,040.88	3,994.86	(135.20)	4,900.54
Falmouth	5/01/66	86	230,737.99	240,474.83	(17,036.32)	454,176.50
Falmouth Memorial Library	1/01/57	2	9,741.51	17,368.08	(883.23)	26,226.36
Farmington	4/01/67	34	108,796.59	205,613.63	(4,948.70)	309,461.52
Farmington Village Corporation	9/01/68	5	11,123.21	28,902.63	(1,174.57)	38,851.27
Fort Fairfield	7/01/46	39	118,449.44	234,108.94	(8,504.40)	344,053.98
Fort Fairfield Utilities District	4/01/69	7	16,701.66	41,916.55	(2,061.26)	56,556.95
Fort Kent	1/01/67	21	55,453.93	92,969.02	(3,679.12)	144,743.83
Franklin County	7/01/67	33	53,259.46	115,416.48	(7,773.68)	160,902.26
Franklin County Comm. Action Council	9/01/77	47	32,073.89	16,573.19	83.93	48,731.01
Freeport	9/01/70	36	88,809.44	72,762.14	(2,499.33)	159,072.25
Frenchville	7/01/74	2	5,974.59	23,667.46	141.27	29,783.32
Fryeburg	5/01/71	2	4,546.38	7,486.28	(219.95)	11,812.71
Gardiner	9/01/47	51	226,097.99	369,431.73	(24,644.38)	570,885.34
Gardiner Water District	1/01/76	15	27,407.03	20,107.99	217.01	47,732.03
Garland	7/01/71	1	138.50	8,472.05	(151.65)	8,458.90
Glenburn	4/01/72	8	1,970.17	10,770.10	(204.86)	12,535.41
Gorham	9/01/69	68	143,483.95	107,995.25	(3,313.44)	248,165.76
Gould Academy	1/01/75	9	12,413.76	49,645.74	(120.59)	61,938.91
Greater Portland Council of Governments	7/01/74	36	87,502.43	94,593.71	952.02	183,048.16
Greater Portland Public Development Comm.	1/01/62	7	62,420.80	105,034.17	(13,476.84)	153,978.13
Greenville	5/01/68	9	20,676.90	20,430.51	(794.21)	40,313.20
Hallowell	4/01/72	11	21,524.54	22,865.99	(755.35)	43,635.18
Hampden	6/01/71	24	86,493.54	110,714.36	(2,593.28)	194,614.62
Hampden Water District	6/01/70	4	12,555.92	6,577.59	(225.52)	18,907.99
Hancock County	1/01/57	48	108,199.92	274,776.49	(16,421.53)	366,554.88
Hermon	5/01/71	37	39,107.84	48,090.80	(1,382.16)	85,816.48
Hodgdon	4/01/75	6	6,838.74	13,196.27	135.48	20,170.49
Houlton	1/01/45	76	276,064.73	479,016.98	(39,404.02)	715,677.69
Houlton Water District	1/01/48	31	249,166.49	376,774.01	(31,833.62)	594,106.88
Howland	11/01/76	5	6,777.32	4,254.17	28.28	11,059.77
Indian Township Passamaquoddy R.H.A.	1/01/73	3	39.68	21,935.72	78.82	22,054.22
Indian Township Tribal Government	1/01/77	55	37,164.74	14,048.29	89.11	51,302.14

	Date Entered System	Number of Open Accounts	Members Contribution Fund	Retirement Allowance Fund	Reserve Against Future Losses (Net Losses)	Total Trust Reserves
Jackman Water District	3/01/76	1	\$ 497.48	\$ 6,899.18	\$ 36.10	\$ 7,432.76
Jay	10/01/50	63	119,852.50	149,904.91	(8,613.90)	261,143.51
Kennebec County	7/01/51	99	168,464.50	389,972.52	(21,113.14)	537,323.88
Kennebec Sanitary Treatment District	10/01/75	20	28,250.78	32,315.31	272.32	60,838.41
Kennebec Water District	1/01/49	35	76,255.10	99,307.49	(9,868.80)	165,693.79
Kennebunk	4/01/66	45	72,716.39	140,891.03	(6,344.93)	207,262.49
Kennebunk Light & Power	8/30/59	12	74,806.90	185,557.60	(12,530.90)	247,833.60
Kennebunk Sewer District	8/01/74	3	6,467.34	15,819.15	64.14	22,350.63
Kennebunkport	9/01/73	33	60,977.74	132,097.26	(217.03)	192,857.97
Kittery	4/01/46	121	180,754.19	407,334.31	(15,500.96)	572,587.54
Kittery Water District	2/01/46	19	62,111.65	132,498.52	(11,398.54)	183,211.63
Knox County	3/01/49	18	31,673.35	185,665.56	(13,691.89)	203,647.02
Lebanon	3/10/73	11	7,054.63	21,090.61	(127.46)	28,017.78
Lewiston	7/01/51	641	2,145,794.36	3,919,664.77	(193,873.83)	5,871,585.30
Lewiston-Auburn Water Pol. C.A.	3/01/72	24	37,125.06	44,938.56	(25.09)	82,038.53
Lewiston Housing Authority	4/01/71	26	30,272.14	28,527.09	(214.30)	58,584.93
Limestone	4/01/78	6	4,001.47	2,041.56	8.98	6,052.01
Limestone Water & Sewer District	7/01/74	4	9,523.18	12,872.24	73.71	22,469.13
Lincoln	4/01/64	38	134,548.93	184,597.63	(8,742.02)	310,404.54
Lincoln Academy	9/01/69	6	13,504.48	6,606.94	(225.92)	19,885.50
Lincoln County	1/01/67	40	68,736.66	172,581.23	(5,389.19)	235,928.70
Lincoln Sanitary District	9/01/75	3	7,293.32	3,048.05	52.08	10,393.45
Lincoln Water District	1/01/74	3	8,581.73	17,118.69	61.39	25,761.81
Linneus	4/01/75	2	2,772.87	4,684.76	37.41	7,495.04
Lisbon	1/01/68	104	142,445.48	329,452.87	(6,514.77)	465,383.58
Lisbon Water District	10/01/77	5	3,291.00	5,081.75	14.17	8,386.92
Livermore Falls	4/01/68	24	38,987.19	85,180.98	(2,195.96)	121,972.21
Livermore Falls Water District	3/01/49	4	34,674.79	47,137.15	(2,558.84)	79,253.10
Lubec	3/01/76	4	4,959.36	3,748.41	50.76	8,758.53
Lubec Water & Electric	7/01/66	12	21,051.88	79,398.57	(4,387.28)	96,063.17
Madawaska	9/01/65	64	138,869.46	174,036.94	(5,080.20)	307,826.20
Madawaska Water District	4/01/77	4	6,864.81	2,654.30	20.28	9,539.39
Maine County Commissioners Assoc.	1/01/76	2	2,910.49	1,582.03	23.01	4,515.53
Maine Housing Authority	6/20/72	45	96,697.50	41,870.89	(1,471.19)	137,097.20
Maine Maritime Academy	7/01/59	204	596,010.41	1,580,815.55	(56,272.68)	2,120,553.28

	Date Entered System	Number of Open Accounts	Members Contribution Fund	Retirement Allowance Fund	Reserve Against Future Losses (Net Losses)	Total Trust Reserves
Maine Municipal Association	11/05/56	51	\$ 87,480.86	\$ 84,715.29	(\$ 7,378.55)	\$ 164,817.60
Maine Municipal Bond Bank	10/01/73	2	8,309.55	11,276.75	74.63	19,660.93
Maine-New Hampshire Bridge Authority	8/01/50	8	54,845.50	137,724.52	(12,979.48)	179,590.54
Maine School Management Association	7/01/77	8	43,651.50	35,081.32	119.09	78,851.91
Maine Turnpike Authority	9/01/52	285	1,108,185.69	3,281,774.74	(147,937.07)	4,242,023.36
Maine Vocational Region #7	2/01/76	9	5,014.06	5,835.72	52.88	10,902.66
Mars Hill	5/01/76	5	8,811.18	7,649.40	66.76	16,527.34
Mechanic Falls	4/01/68	26	50,892.86	54,223.23	(2,208.04)	102,908.05
Medway	3/01/74	10	16,668.07	21,362.96	152.94	38,183.97
Mexico	3/01/63	27	78,942.00	68,216.71	(5,195.41)	141,963.30
Milford	7/01/73	6	7,639.97	11,816.42	(30.18)	19,426.21
Millinocket	7/01/43	85	354,185.96	593,568.58	(25,948.45)	921,806.09
Milo	1/01/68	22	39,914.57	94,792.71	(3,232.88)	131,474.40
Milo Water District	6/01/77	4	5,476.88	11,346.40	30.18	16,853.46
Monson	7/01/73	3	5,133.43	3,577.91	(21.62)	8,689.72
Mount Desert	4/01/46	33	132,532.46	290,730.36	(17,066.65)	406,196.17
Mount Desert Regional School District	8/01/68	21	29,107.84	36,884.40	(1,839.17)	64,153.07
Naples	5/01/70	1	3,334.31	7,519.89	(220.99)	10,633.21
New Canada Plantation	11/01/72	3	1,365.97	3,865.72	19.42	5,251.11
New Gloucester	4/01/75	13	18,610.76	17,924.23	184.66	36,719.65
Norway	4/01/69	25	74,136.55	83,765.96	(4,766.93)	153,135.58
Norway Water District	5/01/70	3	18,114.03	13,268.11	(558.08)	30,824.06
Old Orchard Beach	7/01/70	57	200,085.85	290,737.88	(6,232.84)	484,590.89
Old Town	1/01/68	153	356,726.48	603,515.08	(22,597.08)	937,644.48
Old Town Water District	1/01/65	9	41,008.88	55,182.14	(3,276.77)	92,914.25
Orland	1/01/72	17	11,669.43	64,656.43	59.88	76,385.74
Orono	7/01/59	69	197,583.70	240,128.21	(16,662.93)	421,048.98
Orrington	5/01/75	27	19,804.18	14,286.18	173.30	34,263.66
Otisfield	10/01/73	6	1,323.52	1,722.80	(1.46)	3,044.86
Oxford	9/01/74	2	4,562.93	21,315.84	88.43	25,967.20
Oxford County	7/01/57	52	98,480.93	241,678.84	(13,593.65)	326,566.12
Paris	4/01/69	15	41,639.12	71,881.00	(2,478.09)	111,042.03
Paris Utilities District	1/01/72	18	30,326.92	42,312.03	(380.51)	72,258.44
Penobscot County	1/01/45	105	169,402.81	611,724.93	(25,257.28)	755,870.46
Penquis C.A.P., Inc.	6/01/77	92	68,751.30	51,572.40	208.66	120,532.36

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Phippsburg	7/01/74	6	\$ 2,116.82	\$ 5,671.18	\$ 30.51	\$ 7,818.51
Piscataquis County	1/01/69	44	85,441.42	72,620.47	(3,323.87)	154,738.02
Pittsfield	5/02/68	45	36,160.54	71,270.49	(3,267.32)	104,163.71
Pleasant Point Passamaquoddy R.H.A.	1/01/72	82	26,725.46	21,534.71	(51.97)	48,208.20
Portland	3/01/43	1,747	5,510,085.80	3,759,312.71	(447,333.53)	8,822,064.98
Portland Housing Authority	7/01/73	40	113,615.80	186,058.58	(255.73)	299,418.65
Portland Public Library	5/01/50	51	204,986.85	390,641.32	(19,508.17)	576,120.00
Portland Renewal Authority	10/01/55	10	14,989.22	261,547.01	(10,742.85)	265,793.38
Presque Isle	1/01/43	107	511,636.34	598,899.04	(38,031.15)	1,072,504.23
Readfield	2/24/75	4	3,665.09	1,956.63	25.92	5,647.64
Richmond	5/01/75	37	25,340.96	17,831.16	164.77	43,336.89
Richmond Utilities District	9/01/77	2	2,407.45	3,173.82	9.77	5,591.04
Rockland	11/01/46	95	295,626.42	574,897.74	(31,476.77)	839,047.39
Rockport	4/01/72	15	27,305.85	36,482.22	(1,175.28)	62,612.79
Rumford	4/01/65	163	370,326.85	445,751.29	(26,296.32)	789,781.82
Rumford - Fire & Police	2/10/58	24	146,689.18	503,859.29	(23,010.98)	627,537.49
Rumford Water District	4/01/60	5	44,444.74	75,892.83	(5,889.49)	114,448.08
Rumford-Mexico Sewer District	1/20/78	5	6,297.34	3,523.46	13.80	9,834.60
Sabattus	1/01/73	23	23,279.68	27,089.50	(199.22)	50,169.96
Saco	12/31/73	117	263,276.06	599,090.22	864.67	863,230.95
Sagadahoc County	1/01/67	19	41,380.01	158,340.05	(6,763.76)	192,956.30
St. Agatha	7/01/74	7	11,064.39	20,036.84	104.86	31,206.09
Sanford	1/01/66	208	576,870.14	845,599.40	(38,697.93)	1,383,771.61
Sanford Housing Authority	6/01/71	12	17,839.64	14,778.55	(259.54)	32,358.65
Sanford Sewerage District	11/01/66	12	19,930.65	62,483.35	(3,439.96)	78,974.04
Sanford Water District	11/01/72	20	46,310.62	54,494.88	(700.00)	100,105.50
Scarborough	5/01/71	132	260,193.34	369,326.64	(6,994.98)	622,525.00
School Administrative District #2	3/05/73	4	10,000.75	21,358.44	(382.26)	30,976.93
School Administrative District #9	9/01/68	46	131,348.77	118,643.39	(6,777.46)	243,214.70
School Administrative District #13	2/01/76	15	13,965.35	23,523.43	164.67	37,653.45
School Administrative District #16	10/01/73	20	20,620.26	61,969.41	(168.71)	82,420.96
School Administrative District #21	7/01/75	12	18,455.49	13,767.78	177.58	32,400.85
School Administrative District #28	12/02/64	--	--	6,933.04	(384.58)	6,548.46
School Administrative District #29	9/01/72	17	28,581.78	62,425.85	(512.81)	90,494.82
School Administrative District #31	7/01/74	37	44,937.87	89,805.36	419.20	135,162.43

	Date Entered System	Number of Open Accounts	Members Contribution Fund	Retirement Allowance Fund	Reserve Against Future Losses (Net Losses)	Total Trust Reserves
School Administrative District #34	4/18/64	193	\$ 104,654.67	\$ 160,660.77	(\$ 9,300.13)	\$ 256,015.31
School Administrative District #41	10/01/70	65	92,378.84	144,869.63	(2,230.85)	235,017.62
School Administrative District #49	4/01/73	26	46,683.85	63,855.49	(501.03)	110,038.31
School Administrative District #51	7/01/74	45	57,010.79	38,136.07	287.07	95,433.93
School Administrative District #53	9/15/69	16	20,922.79	22,309.23	(1,319.73)	41,912.29
School Administrative District #54	5/01/68	39	72,131.70	141,442.33	(4,684.86)	208,889.17
School Administrative District #56	7/01/75	14	19,787.05	32,588.80	315.10	52,690.95
School Administrative District #60	7/01/73	96	51,992.34	67,542.01	(212.40)	119,321.95
School Administrative District #66	12/01/67	2	981.14	59,917.29	(3,632.13)	57,266.30
School Administrative District #67	7/01/68	114	90,939.14	144,202.06	(3,327.16)	231,814.04
School Administrative District #71	5/01/69	83	108,831.46	121,138.09	(6,939.20)	223,030.35
Searsport	4/01/68	11	29,166.81	41,861.31	(1,396.52)	69,631.60
Searsport Water District	1/01/69	4	14,113.51	17,919.43	(746.20)	31,286.74
Skowhegan	4/01/65	53	131,741.22	231,369.72	(9,588.39)	353,522.55
Somerset County	7/10/67	43	60,974.67	137,639.70	(5,613.08)	193,001.29
South Berwick	7/01/70	29	30,251.38	29,751.26	(1,159.00)	58,843.64
South Berwick Water District	11/01/72	2	4,966.44	6,819.77	(14.98)	11,771.23
South Portland	9/01/44	406	1,500,316.54	2,108,210.40	(150,805.04)	3,457,721.90
South Portland Housing Authority	1/01/75	7	17,438.09	29,581.38	111.82	47,131.29
Southern Kennebec Valley Reg. Plan. Comm.	1/01/70	7	7,896.29	11,098.83	(686.57)	18,308.55
State Principals Association	8/07/67	5	25,737.03	81,821.61	34.98	107,593.62
Thomaston	5/01/72	20	33,410.71	49,011.96	(464.98)	81,957.69
Topsham	3/01/65	23	27,958.56	80,858.44	(3,664.43)	105,152.57
Van Buren	6/01/73	29	26,970.34	21,829.01	(20.80)	48,778.55
Van Buren Housing Authority	7/01/76	5	8,144.23	10,322.77	70.94	18,537.94
Vassalboro	7/01/71	9	4,119.94	22,744.01	(257.16)	26,606.79
Waldoboro	6/01/74	17	42,402.92	52,595.20	246.66	95,244.78
Waldo County	1/01/51	42	92,956.80	208,915.88	(12,308.92)	289,563.76
Wallagrass Plantation	4/01/72	3	1,689.14	4,920.68	(64.99)	6,544.83
Washburn	9/01/76	10	18,228.92	13,566.34	91.19	31,886.45
Washington County	1/01/50	55	68,724.94	224,295.86	(11,258.14)	281,762.66
Waterville - Fire & Police	2/01/61	48	467,072.45	447,570.81	(30,187.25)	884,456.01
Waterville Sewerage District	10/01/75	12	20,376.09	23,000.22	208.93	43,585.24
Waterville Urban Renewal Authority	4/01/74	1	5,861.09	6,428.74	57.76	12,347.59
Wells	1/01/68	104	169,674.74	314,899.38	(8,605.29)	475,968.83

	Date Entered System	Number of Open Accounts	Members Contribution Fund	Retirement Allowance Fund	Reserve Against Future Losses (Net Losses)	Total Trust Reserves
Westbrook	3/01/69	119	\$ 337,284.42	\$ 519,429.09	(\$ 16,160.11)	\$ 840,553.40
Westbrook - Fire & Police	1/01/62	50	300,398.41	621,821.54	(18,702.91)	903,517.04
Wilton	5/01/66	32	56,131.48	79,152.35	(3,031.56)	132,252.27
Winslow	9/01/70	69	114,534.82	87,497.70	(1,210.46)	200,822.06
Winter Harbor Utilities District	10/01/78	1	477.18	103.48	.85	581.51
Winthrop	5/01/73	70	84,011.34	115,527.21	(393.94)	199,144.61
Yarmouth	4/01/68	115	225,475.48	450,100.94	(11,185.72)	664,390.70
York	7/01/48	66	116,769.16	140,629.40	(8,149.20)	249,249.36
York County	10/01/49	89	166,395.34	392,638.02	(19,389.34)	539,644.02
York Sewer District	5/01/70	6	22,099.72	57,675.19	(1,017.55)	78,757.36
York Water District	10/01/49	10	22,651.20	157,631.45	(8,699.28)	171,583.37
Survivor Benefit - Consolidated	<u>\$11,284,511.35</u>				(395,186.14)	<u>10,889,325.21</u>
TOTALS	<u>\$11,284,511.35</u>	<u>63,427</u>	<u>\$210,243,639.28</u>	<u>\$ 63,747,261.29</u>	<u>(\$22,455,902.00)</u>	<u>\$262,819,509.92</u>

MAINE STATE RETIREMENT SYSTEM
ANALYSIS OF CHANGES IN TRUST FUND RESERVES
YEAR ENDING JUNE 30, 1979

Balance July	\$241,350,884.84
Adjustment of Balance Forward	18,228.05
	241,369,112.89

ADDITIONS

<u>State Contributions</u>		
<u>Teachers:</u>		
Revenue Sharing	\$13,600,014.87	
General Fund	6,464,023.00	
	\$20,064,037.87	
<u>State Employees:</u>		
General Fund	8,031,242.28	
Highway Fund	4,936,453.40	
Federal Program Fund	2,792,035.22	
Special Revenue Fund	1,468,883.80	
All Other Funds	958,607.56	
	18,187,222.26	
Total State Contributions		\$38,251,260.13
Participating Local Districts		13,749,234.70
Individual Members		30,544,619.53
Total Contributions		82,545,114.36
Net Income From Investments		17,376,101.11
TOTAL ADDITIONS		99,921,215.47
		341,290,328.36

DEDUCTIONS

<u>Retirement Allowance Paid</u>	<u>Number</u>	
Council Order	4	3,082.80
Legislative Resolves	11	42,029.04
Retirement Full Benefits	6532	23,395,415.41
Ordinary Disability:		
Old Law	86	421,484.96
Chapter 622, PL 1975	266	1,555,224.67
Service Incurred Disability	123	488,487.59
Option I	1547	5,087,199.92
Option II	1354	4,627,691.82
Option III	1646	8,013,387.60
Option IV	375	1,600,028.96
Option II - Beneficiary	347	727,158.08
Automatic Option II -		
Beneficiary	436	1,001,220.24
Option III - Beneficiary	423	646,202.85
Option IV - Beneficiary	225	436,556.03
Automatic Option IV -		
Beneficiary	88	146,329.65
Service Incurred Death - P&F	6	33,332.52
15-Year Teachers	153	155,008.90
10-Year Vested Right	1002	1,403,221.88
Service Incurred Death -		
Sheriffs & Deputies	5	41,643.48
20-Year Teachers	34	33,862.99
Law Enforcement Officers -		
Marine Resources	24	143,191.93
Fish & Wildlife	67	402,539.08
State Police	114	723,189.37
25-Year Service - Age 55	13	54,279.00
Forest Rangers	3	15,216.60
Fire Fighters & Police -		
Spec. Prov. - Sec. 1121	7	49,194.84
Spec. Prov. - Sec. 1092	23	129,608.17
Benefits by P & S Laws	63	105,458.76
Prison Guards - Section 1121		
Sub-Section 2-F	9	47,280.12
Special Benefits - Sec. 1092		
Sub-Section 4	5	10,171.80
		51,538,699.06

Analysis of Changes in Trust Fund Reserves - continued

Retirement Allowance Adjustment Paid

Council Order	6,750.06	
Legislative Resolves	4,894.68	
Retirement Full Benefits	9,169,250.73	
Ordinary Disability:		
Old Law	79,942.06	
Chapter 622, PL 1975	189,004.08	
Service Incurred Disability	181,580.39	
Option I	2,628,734.87	
Option II	1,290,136.52	
Option III	2,672,965.47	
Option IV	399,342.73	
Option II - Beneficiary	379,618.58	
Automatic Option II - Beneficiary	523,325.01	
Option III - Beneficiary	445,794.41	
Option IV - Beneficiary	90,287.49	
Automatic Option IV - Beneficiary	47,421.44	
Service Incurred Death - P&F	14,951.94	
15-Year Teachers	109,192.15	
10-Year Vested Right	542,596.97	
Service Incurred Death -		
Sheriffs & Deputies	9,684.90	
20-Year Teachers	27,948.45	
Law Enforcement Officers -		
Marine Resources	35,650.94	
Fish & Wildlife	118,539.86	
State Police	194,032.04	
25-Year Service - Age 55	29,527.42	
Forest Rangers	4,481.16	
Fire Fighters & Police		
Spec. Prov. - Sec. 1121	15,478.80	
Spec. Prov. - Sec. 1092	29,792.76	
Benefits by P & S Laws	14,710.64	
Prison Guards - Section 1121		
Sub-Section 2-F	12,742.28	
Special Benefits - Section 1092		
Sub-Section 4	451.34	
		19,268,830.17

Survivor Benefits Number

Accidental Death -		
Service Incurred	11	24,588.59
Spouse - Age 60	247	389,972.11
Spouse - 10-Year Clause	183	291,391.40
Spouse - Children	190	584,643.59
Children	54	115,627.13
Parents	29	55,381.64
		1,461,604.46

Refunds

To Former Members	5,914,021.28	
To Beneficiaries of Deceased Members	159,985.08	
To Survivor of a Disability Recipient	35,874.99	
To Beneficiary of Deceased - Option I	91,732.06	
		6,201,613.41

Other Deductions

Other Charges to Members		
Contribution Fund		71.34

TOTAL DEDUCTIONS 78,470,818.44

Balance June 30 \$262,819,509.92

MAINE STATE RETIREMENT SYSTEM
RETIREMENT ALLOWANCE PAYROLL
June 30, 1978 and 1979

	Retired Persons		Increase or (Decrease)	Retirement Allowance Payroll		Increase or (Decrease)	Average Monthly Payments	
	June 1979	June 1978		June 1979	June 1978		June 1979	June 1978
State Employees	5,677	5,413	264	\$2,065,800.39	\$1,898,820.86	\$166,979.53	\$363.89	\$350.79
Teachers - Contributory	4,717	4,396	321	2,398,371.25	2,106,525.09	291,846.16	508.45	479.19
Teachers - Non-Contributory	1,900	1,989	(89)	767,122.71	748,260.60	18,862.11	403.75	376.20
Teachers - Retired Prior to 1947	9	9	-	2,694.58	2,590.93	103.65	299.40	287.88
Androscoggin County	38	34	4	6,515.18	5,579.84	935.34	171.45	164.11
Aroostook County	17	15	2	3,334.15	2,681.57	652.58	196.13	178.77
Auburn	70	64	6	15,640.33	13,719.71	1,920.62	223.43	214.37
Auburn Housing Authority	2	1	1	222.71	117.86	104.85	111.36	117.86
Auburn Public Library	5	5	-	865.40	865.40	--	173.08	173.08
Auburn Sewer District	3	3	-	695.03	668.29	26.74	231.68	222.76
Auburn Water District	7	7	-	2,626.78	2,525.74	101.04	375.25	360.82
Augusta	87	82	5	32,518.92	30,604.54	1,914.38	373.78	373.23
Augusta Sanitary District	6	5	1	940.23	798.27	141.96	156.71	159.65
Augusta Water District	9	10	(1)	4,128.16	4,049.84	78.32	458.68	404.98
Baileyville	4	4	-	798.19	798.19	--	199.55	199.55
Bangor	214	186	28	75,909.21	65,638.96	10,270.25	354.72	352.90
Bangor Public Library	20	19	1	6,980.95	6,670.78	310.17	349.05	351.09
Bangor Water District	11	12	(1)	2,221.79	2,366.05	(144.26)	201.98	197.17
Bar Harbor	17	15	2	4,032.75	3,244.79	787.96	237.22	216.32
Bath	54	51	3	20,454.86	19,276.90	1,177.96	378.79	377.98
Bath Water District	4	4	-	1,306.11	1,477.59	(171.48)	326.53	369.40
Belfast	10	10	-	916.74	881.48	35.26	91.67	88.15
Belfast Water District	1	1	-	285.99	274.99	11.00	285.99	274.99
Berwick	1	1	-	205.73	205.73	--	205.73	205.73
Biddeford	35	30	5	6,480.62	5,439.47	1,041.15	185.16	181.32
Bingham Water District	2	2	-	135.91	135.91	--	67.96	67.96
Boothbay Harbor	1	1	-	72.34	72.34	--	72.34	72.34
Boothbay Harbor Water District	3	3	-	459.69	459.69	--	153.23	153.23
Brewer	16	10	6	2,316.32	1,279.65	1,036.67	144.77	127.97
Brewer Water District	3	2	1	676.19	387.42	288.77	225.40	193.71
Bridgton	2	2	-	387.20	387.20	--	193.60	193.60
Brunswick	70	66	4	18,177.58	13,705.45	4,472.13	259.68	207.66

	Retired Persons		Increase or (Decrease)	Retirement Allowance Payroll		Increase or (Decrease)	Average Monthly Payments	
	June 1979	June 1978		June 1979	June 1978		June 1979	June 1978
Brunswick Sewer District	3	1	2	\$ 256.02	\$ 44.12	\$ 211.90	\$ 85.34	\$ 44.12
Bucksport	7	7	-	471.88	471.88	--	67.41	67.41
Calais	19	19	-	2,065.38	2,067.78	(2.40)	108.70	108.83
Camden	13	12	1	1,628.75	1,388.72	240.03	125.29	115.73
Cape Elizabeth	30	29	1	2,808.12	2,742.31	65.81	93.60	94.56
Chevrus High School	3	3	-	233.72	317.09	(83.37)	77.91	105.70
Corinna	2	1	1	531.13	102.10	429.03	265.57	102.10
Cranberry Isle	2	2	-	138.38	138.38	--	69.19	69.19
Cumberland County	33	29	4	7,543.55	6,888.98	654.57	228.59	237.55
Dexter	7	8	(1)	1,141.67	1,265.13	(123.46)	163.10	158.14
Dover-Foxcroft	2	2	-	56.95	56.95	--	28.48	28.48
East Millinocket	19	18	1	4,498.17	4,209.32	288.85	236.75	233.85
Eliot	2	2	-	486.77	611.62	(124.85)	243.39	305.81
Ellsworth	16	15	1	1,945.23	1,793.48	151.75	121.58	119.57
Exeter	1	1	-	87.53	87.53	--	87.53	87.53
Falmouth	23	20	3	4,375.43	3,780.91	594.52	190.24	189.05
Falmouth Memorial Library	1	1	-	100.00	100.00	--	100.00	100.00
Farmington	5	3	2	1,334.41	981.99	352.42	266.88	327.33
Farmington Village Corporation	1	1	-	104.07	104.07	--	104.07	104.07
Fort Fairfield	7	8	(1)	1,683.07	1,661.49	21.58	240.44	207.69
Fort Fairfield Utilities District	1	1	-	369.78	369.78	--	369.78	369.78
Fort Kent	4	3	1	1,239.69	962.48	277.21	309.92	320.83
Franklin County	9	9	-	1,213.54	1,166.87	46.67	134.84	129.65
Freeport	4	3	1	418.69	304.97	113.72	104.67	101.66
Gardiner	12	12	-	2,016.45	2,064.30	(47.85)	168.04	172.03
Garland	1	1	-	98.44	276.18	(177.74)	98.44	276.18
Glenburn	1	1	-	90.17	90.17	--	90.17	90.17
Gorham	4	3	1	525.23	425.20	100.03	131.31	141.73
Gould Academy	1	1	-	150.74	150.74	--	150.74	150.74
Greater Portland Public Development Commission	6	6	-	2,926.35	2,813.81	112.54	487.73	468.97
Greenville	1	1	-	36.49	36.49	--	36.49	36.49
Hampden	7	6	1	1,107.09	1,013.91	93.18	158.16	168.99
Hancock County	13	12	1	2,026.01	1,867.31	158.70	155.85	155.61
Heron	3	3	-	188.24	188.24	--	62.75	62.75
Houlton	16	16	-	2,573.37	2,573.37	--	160.84	160.84

	Retired Persons		Increase or (Decrease)	Retirement Allowance Payroll		Increase or (Decrease)	Average Monthly Payments	
	June 1979	June 1978		June 1979	June 1979		June 1979	June 1978
Houlton Water District	11	11	-	\$ 4,856.97	\$ 4,635.16	\$ 221.81	\$441.54	\$421.38
Jackman Water District	1	--	1	58.74	--	58.74	58.74	--
Jay	6	7	(1)	425.61	693.16	(267.55)	70.94	99.02
Kennebec County	20	19	1	3,005.60	2,815.94	189.66	150.28	148.21
Kennebec Water District	12	9	3	3,177.77	2,203.32	974.45	264.81	244.81
Kennebunk	7	7	-	635.82	635.82	--	90.83	90.83
Kennebunk Light & Power	9	9	-	2,391.72	2,299.72	92.00	265.75	255.52
Kennebunkport	5	4	1	795.09	599.21	195.88	159.02	149.80
Kittery	12	13	(1)	3,542.80	3,266.49	276.31	295.33	251.27
Kittery Water District	5	5	-	2,442.59	2,348.63	93.96	488.52	469.73
Knox County	15	15	-	3,295.03	3,168.10	126.93	219.67	211.21
Lewiston	135	119	16	39,369.85	32,947.09	6,422.76	291.63	276.87
Lewiston Housing Authority	1	--	1	408.29	--	408.29	408.29	--
Limestone Water & Sewerage District	1	1	-	34.56	34.56	--	34.56	34.56
Lincoln	7	7	-	1,396.70	1,396.70	--	199.53	199.53
Lincoln County	7	6	1	865.15	735.73	129.42	123.59	122.62
Lisbon	9	8	1	1,520.39	1,349.59	170.80	168.93	168.70
Livermore Falls	4	3	1	678.14	345.62	332.52	169.54	115.21
Livermore Falls Water District	1	1	-	365.15	351.11	14.04	365.15	351.11
Lubec Water & Electric	3	3	-	700.14	700.14	--	233.38	233.38
Madawaska	9	6	3	1,820.49	1,116.63	703.86	202.28	186.11
Maine Maritime Academy	30	30	-	6,492.22	6,310.84	181.38	216.41	210.36
Maine Municipal Association	3	2	1	1,066.12	778.13	287.99	355.37	389.07
Maine-New Hampshire Bridge Authority	6	6	-	1,594.04	1,692.79	(98.75)	265.67	282.13
Maine Turnpike Authority	105	95	10	28,145.44	24,312.62	3,832.82	268.05	255.92
Medway	3	3	-	232.44	232.44	--	77.48	77.48
Mexico	2	2	-	413.54	413.54	--	206.77	206.77
Millinocket	24	23	1	11,068.78	10,984.95	83.83	461.20	477.61
Milo	4	5	(1)	919.60	1,009.09	(89.49)	229.90	201.82
Mount Desert	9	9	-	1,590.77	1,465.69	125.08	176.75	162.85
Mount Desert Island Regional School District	2	1	1	48.86	17.60	31.26	24.43	17.60
New Canada Plantation	1	1	-	80.00	80.00	--	80.00	80.00
Norway	6	6	-	1,045.83	1,045.83	--	174.31	174.31
Old Orchard Beach	13	11	2	2,739.63	2,299.21	440.42	210.74	209.02
Old Town	20	15	5	3,394.08	1,549.70	1,844.38	169.70	103.31

	Retired Persons		Increase or (Decrease)	Retirement Allowance Payroll		Increase or (Decrease)	Average Monthly Payments	
	June 1979	June 1978		June 1979	June 1978		June 1979	June 1978
Old Town Water District	1	1	-	\$ 477.09	\$ 477.09	\$ --	\$477.09	\$477.09
Orland	6	5	1	517.30	504.97	12.33	86.22	100.99
Orono	9	7	2	1,509.73	1,436.49	73.24	167.75	205.21
Otisfield	1	2	(1)	21.89	33.10	(11.21)	21.89	16.55
Oxford	2	2	-	268.00	268.00	--	134.00	134.00
Oxford County	17	18	(1)	2,044.41	1,774.15	270.26	120.26	98.56
Paris	2	2	-	490.39	490.39	--	245.20	245.20
Paris Utility District	2	2	-	322.38	309.98	12.40	161.19	154.99
Penobscot County	25	23	2	4,645.21	4,282.45	362.76	185.81	186.19
Piscataquis County	2	2	-	34.72	33.39	1.33	17.36	16.70
Pittsfield	4	3	1	326.79	137.43	189.36	81.70	45.81
Portland	548	514	34	224,961.84	207,202.18	17,759.66	410.51	403.12
Portland Housing Authority	4	4	-	845.01	456.19	388.82	211.25	114.05
Portland Public Library	8	8	-	3,877.45	3,727.11	150.34	484.68	465.89
Portland Renewal Authority	6	6	-	1,476.38	1,409.20	67.18	246.06	234.87
Presque Isle	20	19	1	6,012.98	5,206.32	806.66	300.65	274.02
Rockland	31	30	1	7,601.36	6,173.83	1,427.53	245.21	205.79
Rumford	27	26	1	5,014.10	4,855.99	158.11	185.71	186.77
Rumford Fire & Police	17	16	1	9,780.17	8,462.58	1,317.59	575.30	528.91
Rumford Water District	2	2	-	378.09	378.09	--	189.05	189.05
Saco	13	9	4	3,381.63	2,505.63	876.00	260.13	278.40
Sagadahoc County	8	9	(1)	1,317.39	1,673.92	(356.53)	164.67	185.99
Sanford	45	42	3	6,358.86	5,635.14	723.72	141.31	134.17
Sanford Sewer District	6	6	-	1,078.65	1,078.65	--	179.78	179.78
Scarborough	25	24	1	2,771.89	2,546.84	225.05	110.88	106.12
School Administrative District #2	1	1	-	319.82	319.82	--	319.82	319.82
School Administrative District #9	6	3	3	623.49	184.24	439.25	103.92	61.41
School Administrative District #16	4	2	2	330.10	162.08	168.02	82.53	81.04
School Administrative District #21	2	2	-	287.76	287.76	--	143.88	143.88
School Administrative District #29	4	4	-	665.65	640.06	25.59	166.41	160.02
School Administrative District #31	2	2	-	200.00	200.00	--	100.00	100.00
School Administrative District #34	5	4	1	455.98	361.52	94.46	91.20	90.38
School Administrative District #41	3	3	-	279.70	233.69	46.01	93.23	77.90
School Administrative District #49	5	4	1	437.47	302.86	134.61	87.49	75.72
School Administrative District #53	1	1	-	179.03	179.03	--	179.03	179.03

	Retired Persons		Increase or (Decrease)	Retirement Allowance Payroll		Increase or (Decrease)	Average Monthly Payments	
	June 1979	June 1978		June 1979	June 1978		June 1979	June 1978
School Administrative District #54	12	10	2	\$ 986.32	\$ 788.85	\$ 197.47	\$ 82.19	\$ 78.89
School Administrative District #56	2	2	-	261.28	261.28	--	130.64	130.64
School Administrative District #66	1	1	-	4.33	4.33	--	4.33	4.33
School Administrative District #67	5	4	1	633.54	577.71	55.83	126.71	144.43
School Administrative District #71	4	4	-	204.81	204.81	--	51.20	51.20
Searsport	3	2	1	232.13	88.73	143.40	77.38	44.37
Skowhegan	11	8	3	2,022.80	1,170.01	852.79	183.89	146.25
Somerset County	8	8	-	979.96	979.96	--	122.50	122.50
South Berwick	1	1	-	47.97	47.97	--	47.97	47.97
South Berwick Water District	1	1	-	100.00	100.00	--	100.00	100.00
South Portland	135	123	12	40,735.03	35,405.60	5,329.43	301.74	287.85
Thomaston	1	1	-	157.29	157.29	--	157.29	157.29
Topsham	5	5	-	1,014.10	975.10	39.00	202.82	195.02
Van Buren Housing Authority	2	2	-	121.19	121.19	--	60.60	60.60
Vassalboro	2	2	-	94.94	94.94	--	47.47	47.47
Waldoboro	2	--	2	199.21	--	199.21	99.61	--
Waldo County	9	9	-	1,553.61	1,493.85	59.76	172.62	165.98
Washington County	16	15	1	3,617.67	2,915.02	702.65	226.10	194.33
Waterville Fire & Police	5	5	-	3,137.71	3,137.71	--	627.54	627.54
Wells	10	8	2	1,702.75	1,234.21	468.54	170.28	154.28
Westbrook	30	26	4	5,223.06	3,896.32	1,326.74	174.10	149.86
Westbrook Fire & Police	6	5	1	1,488.42	1,418.01	70.41	248.07	283.60
Wilton	4	2	2	532.40	711.63	(179.23)	133.10	355.82
Winslow	2	1	1	201.79	64.56	137.23	100.90	64.56
Winthrop	6	4	2	1,604.33	909.60	694.73	267.39	227.40
Yarmouth	9	9	-	1,653.14	1,492.10	161.04	183.68	165.79
York	5	4	1	505.59	377.72	127.87	101.12	94.43
York County	22	22	-	3,648.45	3,569.57	78.88	165.84	162.25
York Water District	6	6	-	2,161.68	2,078.53	83.15	360.28	346.42
Totals	<u>14,991</u>	<u>14,272</u>	<u>719</u>	<u>\$5,984,500.66</u>	<u>\$5,425,670.72</u>	<u>\$558,829.94</u>	<u>\$399.21</u>	<u>\$380.16</u>

MAINE STATE RETIREMENT SYSTEM

SURVIVOR BENEFIT PAYROLL

June 30, 1979 and 1978

	Persons Receiving Benefits		Increase or (Decrease)	Benefits Paid		Increase or (Decrease)
	June 1979	June 1978		June 1979	June 1978	
State	409	399	10	\$ 71,218.89	\$ 68,658.45	\$2,560.44
Teachers	169	166	3	32,264.75	30,905.17	1,359.58
Androscoggin County	3	3	--	534.46	513.90	20.56
Auburn	8	8	--	1,100.00	1,100.00	--
Augusta	4	4	--	400.00	400.00	--
Bangor	18	18	--	2,350.00	2,350.00	--
Bath	3	3	--	368.97	354.78	14.19
Brewer	1	1	--	100.00	100.00	--
Camden	1	0	1	100.00	--	100.00
Cumberland County	5	5	--	700.00	700.00	--
East Millinocket	1	1	--	100.00	100.00	--
Ellsworth	2	2	--	200.00	200.00	--
Fort Fairfield	1	1	--	200.00	200.00	--
Greater Portland Public Development Commission	1	1	--	100.00	100.00	--
Houlton	2	2	--	300.00	350.00	(50.00)
Houlton Water District	2	2	--	426.42	475.83	(49.41)
Kennebec Water District	1	0	1	100.00	--	100.00
Kittery	2	1	1	200.00	100.00	100.00
Kittery Water District	2	2	--	614.94	650.42	(35.48)
Lewiston	2	2	--	597.49	550.00	47.49
Maine Turnpike Authority	20	19	1	3,321.28	3,046.80	274.48
Millinocket	1	1	--	150.00	150.00	--
Penobscot County	1	1	--	260.00	250.00	10.00
Portland	37	38	(1)	4,600.00	4,700.00	(100.00)
Presque Isle	4	4	--	500.00	500.00	--
Rumford	2	2	--	200.00	300.00	(100.00)
South Portland	6	5	1	878.62	652.52	226.10
Waterville Fire & Police	2	2	--	500.00	500.00	--
Wells	2	1	1	468.97	354.78	114.19
Westbrook Fire & Police	1	1	--	100.00	100.00	--
York	0	1	(1)	--	260.00	(260.00)
York County	1	0	1	270.40	--	270.40
TOTALS	<u>714</u>	<u>696</u>	<u>18</u>	<u>\$123,225.19</u>	<u>\$118,622.65</u>	<u>\$4,602.54</u>

MAINE STATE RETIREMENT SYSTEM
CUMULATIVE STATEMENT OF NET GAINS (LOSSES) ON SALE OF SECURITIES
(Memo Account - Reserve Against Future Losses)

Net (Loss) on Securities Sales and Exchanges Through June 30, 1978	(\$23,517,822.78)
 ADDITIONS:	
Profit on Sale of Stocks	\$ 2,254,123.41
Discount on Mortgage Loans	<u>12,371.40</u>
	2,266,494.81
 DEDUCTIONS:	
Loss on Sale of Bonds	(<u>1,204,574.03</u>)
 Net Cumulative (Losses) on Sale or Exchange of Securities Through June 30, 1979	 (\$22,455,902.00)

* * * * *

STATEMENT OF INVESTMENT OPERATIONS
Year Ending June 30, 1979

Net Gain on Sale of Securities	\$ 1,049,549.38
 Income From Investments:	
Interest - Time Deposits	\$ 530,675.65
Interest - Bonds Note I	12,033,380.89
Interest - Mortgages Note II	357,891.18
Dividends on Stocks	<u>3,959,867.50</u>
	16,881,815.22
 Total Earnings From Investments	 17,931,364.60
 Deductions From Investment Income:	
Investment Advisor Fees	439,142.18
Custodial Fees	89,121.31
Investment Evaluation Consultant Fees	<u>27,000.00</u>
	555,263.49
 Net Income From Investments	 <u>\$17,376,101.11</u>

Note I - Includes accrued interest earned during 1978-79

Note II - Includes discount on Mortgage Loans written off during 1978-79

* * * * *

INTEREST DISTRIBUTED TO ACCOUNT BALANCES
Year Ending June 30, 1979

Net Income From Investments	\$17,376,101.11
 DEDUCTIONS:	
Net Gain on Sale of Securities	\$ 1,049,549.38
Discount on Mortgage Loans	<u>12,371.40</u>
	1,061,920.78
 Net Interest Distributed (Accrual Basis)	 <u>\$16,314,180.33</u>

MAINE STATE RETIREMENT SYSTEM
Summary of Earnings - July 1, 1942 through June 30, 1979

Year Ending	Market Value of Investments	Book Value of Investments	Net Increase in Book Value of Investments for the year	Earnings During Year Accrual Basis	Rate of Return %
June 30, 1943	\$	\$ 576,142.97	\$ 318,000.00	\$ 1,884.35	
June 30, 1944		1,026,142.97	450,000.00	12,154.46	
June 30, 1945		1,486,142.97	460,000.00	25,560.90	
June 30, 1946		1,930,142.97	444,000.00	50,140.29	
June 30, 1947		2,489,142.97	559,000.00	52,522.09	2.590
June 30, 1948		7,263,648.72	4,774,505.75	159,487.91	2.517
June 30, 1949		9,038,648.72	1,775,000.00	206,934.14	2.566
June 30, 1950		11,023,648.72	1,985,000.00	256,668.07	2.578
June 30, 1951		12,934,768.72	1,911,120.00	317,497.98	2.649
June 30, 1952		15,432,488.89	2,497,720.17	386,620.65	2.722
June 30, 1953		17,823,719.34	2,391,230.45	464,578.19	2.799
June 30, 1954		21,346,256.29	3,522,536.95	576,314.21	2.953
June 30, 1955		24,801,155.43	3,454,899.14	713,411.34	3.095
June 30, 1956		29,012,312.28	4,211,156.85	820,511.51	3.068
June 30, 1957		33,137,935.09	4,125,622.81	1,014,162.82	3.3035
June 30, 1958		38,302,811.29	5,164,876.20	1,233,750.20	3.4975
June 30, 1959		44,511,070.88	6,208,259.59	1,473,324.30	3.609
June 30, 1960		50,880,174.72	6,369,103.84	1,781,368.02	3.787
June 30, 1961		57,633,773.71	6,753,598.99	2,145,427.31	4.0045
June 30, 1962		66,498,248.08	8,864,474.37	2,540,623.88	4.1582
June 30, 1963		75,022,765.44	8,524,517.36	2,925,300.13	4.2023
June 30, 1964		85,913,758.52	10,890,993.08	3,328,056.40	4.2074
June 30, 1965	94,667,062.00	96,930,762.57	11,017,004.05	3,870,496.12	4.3196
June 30, 1966	101,309,145.00	108,555,742.38	11,624,979.81	4,475,359.34	4.4431
June 30, 1967	106,476,959.00	120,564,775.29	12,009,032.91	5,070,389.31	4.5177
June 30, 1968	119,861,036.70	135,081,371.78	14,516,596.49	5,741,943.99	4.5899
June 30, 1969	126,512,881.54	150,501,422.09	15,420,050.31	6,103,338.79	4.3610
June 30, 1970	115,813,988.62	163,500,431.87	12,999,009.78	6,310,034.78	4.0939
June 30, 1971	158,897,761.53	175,261,654.19	11,761,222.32	6,357,344.92	3.8132
June 30, 1972	187,053,699.54	184,789,453.85	9,527,799.66	6,593,475.25	3.7203
June 30, 1973	186,239,980.28	185,867,989.22	1,078,535.37	6,651,554.76	3.6460
June 30, 1974	170,627,572.09	188,846,484.91	2,978,495.69	8,344,366.67	4.5292
June 30, 1975	193,791,992.58	188,397,103.61	(449,381.30)	9,386,916.98	5.0539
June 30, 1976	205,710,550.54	193,878,411.56	5,481,307.95	8,861,728.87	4.6566
June 30, 1977	210,352,614.94	206,401,915.73	12,523,504.17	10,751,249.86	5.2269
June 30, 1978	230,171,364.60	230,676,904.21	24,274,988.48	12,899,069.24	5.6902
June 30, 1979	258,369,956.50	247,923,507.81	17,246,603.60	16,314,180.33	6.6881

*Market Value data not available prior to 1965

MAINE STATE RETIREMENT SYSTEM
Administration Funds
Fiscal Year Ending June 1979 and 1978

	<u>1979</u>	<u>1978</u>	Participating Districts	
			<u>Actuarial Services</u>	<u>1979</u> <u>1978</u>
<u>Revenue:</u>				
<u>State Contributions</u>				
<u>Teachers</u>				
Revenue Sharing	\$252,327.00	\$239,047.00		
General Fund	<u>84,109.00</u>	<u>79,682.00</u>		
	\$336,436.00	\$318,729.00		
<u>State Employees</u>				
General Fund	124,226.61	105,857.82		
Highway Funds	69,273.01	61,754.39		
Federal Program Funds	47,333.74	--		
Special Revenue Funds	20,034.85	58,597.41		
Other State Funds	<u>21,916.61</u>	<u>20,991.06</u>		
	282,784.82	247,200.68		
Total State Contributions	619,220.82	565,929.68		
Participating Districts	132,320.55	103,917.11	\$53,305.00	\$51,906.05
Miscellaneous Income	<u>100.00</u>	<u>361.77</u>		
Total Revenue	751,641.37	670,208.56	53,305.00	51,906.05
<u>Expenditures:</u>				
Personal Services	322,147.78	288,573.83		
Actuarial Services				
Towne & Associates	22,690.80	13,937.44	53,305.00	51,906.05
Seal & Lohse	7,000.00	--		
Data Processing	54,717.03	46,415.47		
Utilities	4,685.97	3,953.99		
Postage & Mailing	36,616.45	33,613.44		
Repairs to Equipment	8,285.02	9,220.93		
Printing & Binding	14,915.87	10,434.51		
Office Supplies	7,618.27	6,110.39		
Retirement Costs	40,515.24	37,290.92		
Research & Legal Services	19,285.06	23,022.04		

Health Insurance	11,086.48	11,221.21		
STA-CAP Costs	65,983.92	60,788.19		
General Operating Costs	8,097.45	11,235.78		
Office Equipment	175.40	18,227.83		
Total Expenditures	<u>623,820.74</u>	<u>574,045.97</u>	<u>53,305.00</u>	<u>51,906.05</u>
Current Year Reserves	127,820.63	96,162.59		
Prior Year Reserves	225,590.60	129,428.01		
Balance of Reserves	<u>\$353,411.23</u>	<u>\$225,590.60</u>	<u>-0-</u>	<u>-0-</u>

Note: Expenditures for the 1979 year have been reduced by \$82,521.78 and charged to the Insurance (\$32,670.00) and Social Security (\$49,851.78) administration accounts.

State Employee Retiree Health Insurance

Fiscal Year Ending June 1979 and 1978

	<u>1979</u>	<u>1978</u>
<u>Revenue:</u>		
General Fund	\$ 569,058.63	\$388,191.75
Highway Funds	317,326.60	226,459.83
Federal Program Funds	216,826.94	--
Special Revenue Funds	91,775.85	214,882.87
Other State Funds	100,395.90	76,976.43
Total Revenue	<u>1,295,383.92</u>	<u>906,510.88</u>
<u>Expenditures:</u>		
Health Insurance Premiums	<u>938,377.25</u>	<u>783,593.11</u>
Current Year Reserves	357,006.67	122,917.77
Prior Year Reserves	<u>214,678.80</u>	<u>91,761.03</u>
Balance of Reserves	<u>\$ 571,685.47</u>	<u>\$214,678.80</u>

MAINE STATE RETIREMENT SYSTEM
Comparative Balance Sheet
Group Life Insurance
At June 30, 1978, Compared to June 30, 1979

ASSETS

	<u>1979</u>	<u>1978</u>	Increase or (Decrease)
Assets:			
Cash (Demand Deposit) Note I	\$7,335,788.24	\$6,421,078.31	\$914,709.93
Accounts Receivable (Net)	6,670.00	7,190.00	(520.00)
Due From Other Funds	50,000.00	50,000.00	--
Miscellaneous	11.70	--	11.70
Total Assets	<u>\$7,392,469.94</u>	<u>\$6,478,268.31</u>	<u>\$914,201.63</u>

RESERVES, WORKING CAPITAL AND LIABILITIES

Reserves and Working Capital:			
Reserve for Retiree Premiums	\$5,301,541.87	\$4,438,613.49	\$862,928.38
Reserve for Contingencies	25,000.00	25,000.00	--
Reserve for Supplemental Distribution	1,785,155.57	1,762,640.18	22,515.39
Working Capital	50,000.00	50,000.00	--
Total Reserves and Working Capital	<u>7,161,697.44</u>	<u>6,276,253.67</u>	<u>885,443.77</u>
Liabilities:			
Accounts Payable	230,760.80	202,014.64	28,746.16
Due to Other Funds	11.70	--	11.70
Total Liabilities	<u>230,772.50</u>	<u>202,014.64</u>	<u>28,757.86</u>
Total Reserves, Working Capital and Liabilities	<u>\$7,392,469.94</u>	<u>\$6,478,268.31</u>	<u>\$914,201.63</u>

Note I - Invested in State Treasurer's "Cash Pool"

MAINE STATE RETIREMENT SYSTEM

Statement of Operations

Group Life Insurance Fund

Year Ending June 30, 1979

Available Funds:

Premiums Collected (1978-79) -		
Basic	\$1,869,080.70	
Supplemental	870,377.01	
Dependent	<u>76,050.24</u>	\$2,815,507.95
Dividend Received -		
State & Teachers	980,527.31	
Participating Districts	<u>291,026.69</u>	1,271,554.00
Appropriation from General Fund -		
Active Employees	24,000.00	
Retired Employees	<u>359,000.00</u>	383,000.00
Reimbursement of Administration Costs -		
State	26,000.00	
Participating Districts	<u>6,670.00</u>	32,670.00
Earnings on Investments -		
Treasury "Cash Pool"		<u>699,255.95</u>
TOTAL		<u>\$5,201,987.90</u>

Expenditures, Dividend Distribution and
Additions to Reserves:

Premiums Paid to Insurer -		
Active Employees:		
State Funds	\$ 24,000.00	
Employees & Employers Contributions		
Basic	1,869,080.70	
Supplemental	870,377.01	
Dependent	<u>76,065.08</u>	2,839,522.79
Retired Persons -		
Employees Insurance Premiums	<u>732,859.49</u>	3,572,382.28
Supplemental Distribution		420,480.00
Administration Expense		32,670.00
Overpayment of Premiums to Insurer		(14.84)
Dividend Distribution to Participating Districts -		
Cash Payments	284,748.31	
Retained for Administration Costs	<u>6,278.38</u>	291,026.69
Addition to Reserves -		
Reserve for Retirees Premiums	862,928.38	
Reserve for Supplemental Distribution	<u>22,515.39</u>	885,443.77
TOTAL		<u>\$5,201,987.90</u>

MAINE STATE RETIREMENT SYSTEM
GROUP LIFE INSURANCE FUND

The following report on the Group Life Insurance program, administered by the Board of Trustees, has been submitted by the Underwriter, Unionmutual Company. This report covers the activities in this account during the policy year July 1, 1978, to June 30, 1979.

The dividend summary for the past two fiscal years reveals that the total dividends for the past policy year, in the amount of \$1,574,921, were \$273,606 more than dividends from the previous policy year, as follows:

	<u>Year Ended June 30</u>	
	<u>1979</u>	<u>1978</u>
State & Teacher (Basic)	\$ 970,499	\$ 716,726
State & Teacher (Supplemental)	382,581	266,756
City of Portland	46,192	56,292
City of Bangor	24,846	10,763
Pooled Districts (Basic)	133,420	179,650
Pooled Districts (Supplemental)	(9,617)	44,128
Total	<u>\$1,547,921</u>	<u>\$1,274,315</u>

The State and Teacher Basic dividend has been credited to the Reserve for Future Premiums and is used to provide approximately one-half of the funding required to pay the premium on retired state employees and teachers lives. The balance of these premiums is funded through State General Fund appropriations and interest earnings. The State and Teacher Supplemental dividend will be added to the Supplemental Dividend Reserve, which together with interest earnings is used to fund the payment (to beneficiaries of retired and active participants in the Supplemental plan) of a 30% dividend distribution for those individuals under the plan for five years. Those individuals under the plan for less than five years receive a pro-rata Supplemental dividend distribution.

Local district dividends, as indicated in the Underwriter's report, will be distributed in December minus the applicable administrative charges.

Interest on cash balances held by the Underwriter during the year, through the final dividend payment date, totalled \$73,032, which was off-set in part by a charge of \$6,201 representing interest charged by the Underwriter on account of Supplemental dividend funding. Supplemental dividend distributions are initially funded by the Underwriter and reimbursed periodically by the System.

The operation of the local district Supplemental plan resulted in a loss of \$9,617. Recovery is planned from future years dividends of this same group.

MAINE STATE RETIREMENT SYSTEM
DIVIDEND SUMMARY
POLICY NUMBER: 2200
7/1/78 to 7/1/79

	<u>STATE & TEACHER BASIC</u>	<u>STATE & TEACHER SUPPLEMENTAL</u>	<u>PORTLAND</u>	<u>BANGOR</u>	<u>PD BASIC</u>	<u>PD SUPPLEMENTAL</u>	<u>ALL PLANS</u>
EARNED PREMIUM	\$2,126,592	\$808,125	\$125,629	\$62,559	\$387,373	\$62,393	\$3,572,671
PAID CLAIMS*	1,145,530	436,450	75,412	40,265	232,768	71,804	2,002,229
BEGINNING RESERVE	280,364	168,930	-0-	4,918	39,509	13,800	507,521
END RESERVE**	263,191	148,155	-0-	-0-	43,479	10,200	465,025
INCURRED CLAIMS	1,128,357	415,675	75,412	35,347	236,738	68,204	1,959,733
GROSS RETENTION	70,671	20,173	6,856	3,824	25,710	4,614	131,848
INTEREST CREDITS	27,499	10,450	1,624	809	5,009	808	46,199
NET RETENTION	43,172	9,723	5,232	3,015	20,701	3,806	85,649
GROSS DIVIDEND	955,063	382,727	44,985	24,197	129,934	-9,617	1,527,289
INT. CHARGE ON SUPP. DIVIDEND	-0-	6,201	-0-	-0-	-0-	-0-	6,201
INT. ON PREL. DIV. AT 9.2% to 9/1	13,589	5,054	-0-	-0-	-0-	-0-	18,643
INT. ON ADD'L DIV. DUE AT 9.2% to 10/15	1,847	1,001	1,207	649	3,486	-0-	8,190
DIV. PLUS INT.	970,499	382,581	46,192	24,846	133,420	-9,617	1,547,921
LESS PREL.PMT. 9/1	899,823	334,661	-0-	-0-	-0-	-0-	1,234,484
BAL. DUE ON DIV. PMT. PLUS INT.	70,676	47,920	46,192	24,846	133,420	-9,617	313,437



MAINE STATE RETIREMENT SYSTEM
BASIC AND DEPENDENT
7/1/78 to 7/1/79

<u>PD NUMBER</u>	<u>PD NAME</u>	<u>PAID PREM- BASIC & DEP</u>	<u>PAID CLAIMS & CONVERSIONS</u>	<u>LOSS RATIO</u>	<u>DIVIDEND</u>	<u>INT</u>	<u>DIVIDEND PLUS INT</u>
04	Presque Isle	\$ 9,928	\$ -0-	-0-	\$ 4,768	\$128	\$ 4,896
05	Cumberland County	5,937	6,047	101.9	-0-	-0-	-0-
08	Camden	2,901	1,003	34.6	1,393	37	1,430
09	South Portland	39,383	9,192	23.3	18,914	507	19,421
10	Houlton	5,101	-0-	-0-	2,450	66	2,516
11	Penobscot County	6,597	1,275	19.3	3,168	85	3,253
12	Kittery Water District	1,193	-0-	-0-	573	15	588
13	Ellsworth	3,633	-0-	-0-	1,745	47	1,792
15	Bar Harbor	3,725	-0-	-0-	1,789	48	1,837
16	Mt. Desert	3,502	1,182	33.8	1,682	45	1,727
17	Ft. Fairfield	3,062	706	23.1	1,470	39	1,509
18	Rockland	6,484	1,507	23.2	3,114	84	3,198
21	Boothbay Harbor	421	-0-	-0-	202	5	207
22	Bangor Public Library	3,096	-0-	-0-	1,487	40	1,527
23	Augusta	24,224	3,161	13.0	11,634	312	11,946
24	Gardiner	4,135	-0-	-0-	1,986	53	2,039
26	Houlton Water District	3,718	1,158	31.1	1,786	48	1,834
28	York	2,540	2,008	79.1	-0-	-0-	-0-
29	Limestone Water District	290	-0-	-0-	139	4	143
30	St. Agatha	257	-0-	-0-	123	3	126
31	Kennebec Water District	2,613	-0-	-0-	1,255	34	1,289
32	Livermore Falls Water District	619	-0-	-0-	297	8	305
33	Knox County	2,270	-0-	-0-	1,090	29	1,119
34	Augusta Water District	3,156	-0-	-0-	1,515	41	1,556
35	Belfast	3,007	-0-	-0-	1,444	39	1,483
36	Calais	2,951	-0-	-0-	1,417	38	1,455
38	Maine Maritime Academy	19,863	2,005	10.1	9,539	256	9,795
39	York Water District	739	-0-	-0-	355	10	365
40	Washington County	2,903	-0-	-0-	1,394	37	1,431
41	Portland Public Library	2,613	-0-	-0-	1,255	34	1,289
42	Brunswick	16,805	22,015	131.0	-0-	-0-	-0-
46	Waldo County	2,545	-0-	-0-	1,222	33	1,255
49	Maine Turnpike Authority	34,766	69,567	200.1	-0-	-0-	-0-



MAINE STATE RETIREMENT SYSTEM
BASIC AND DEPENDENT
7/1/78 to 7/1/79

PD NUMBER	PD NAME	PAID PREM- BASIC & DEP	PAID CLAIMS & CONVERSIONS	LOSS RATIO	DIVIDEND	INT	DIVIDEND PLUS INT
51	Auburn Sewerage	\$ 614	\$ -0-	-0-	\$ 294	\$ 8	\$ 302
52	Auburn Water District	1,812	-0-	-0-	870	23	893
54	East Millinocket	3,244	-0-	-0-	1,558	42	1,600
55	Maine Municipal Bond Banks	1,105	-0-	-0-	531	14	545
59	Bangor Water District	3,619	-0-	-0-	1,738	47	1,785
60	Rumford Police & Fire	3,746	1,330	35.5	1,799	48	1,847
61	Orono	3,282	3,153	96.1	-0-	-0-	-0-
62	Kennebec Light	2,585	-0-	-0-	1,241	33	1,274
64	Augusta Sewerage	2,602	-0-	-0-	1,250	34	1,284
65	Rumford Water District	902	-0-	-0-	433	12	445
67	Androscoggin County	4,458	2,359	52.9	1,876	50	1,926
72	Brunswick Sewer	648	-0-	-0-	311	8	319
73	Bath	8,411	-0-	-0-	4,039	108	4,147
77	SAD #34	1,739	8,042	462.4	-0-	-0-	-0-
78	SAD #28	275	-0-	-0-	132	4	136
80	Skowhegan	3,403	-0-	-0-	1,634	44	1,678
81	Topsham	408	-0-	-0-	196	5	201
83	Sanford	14,078	13,297	94.5	-0-	-0-	-0-
84	Kennebunk	2,735	-0-	-0-	1,314	35	1,349
85	Cape Elizabeth	5,635	1,180	20.9	2,706	73	2,779
86	Wilton	655	1,256	191.8	-0-	-0-	-0-
87	Falmouth	6,480	4,416	68.1	-0-	-0-	-0-
89	Sanford Sewerage	430	-0-	-0-	207	6	213
90	Town of Rumford	8,515	13,429	157.7	-0-	-0-	-0-
93	Maine Municipal Bond Bank	162	-0-	-0-	78	2	80
94	Gr.Portland Council of Govt.	1,441	-0-	-0-	692	19	711
96	Sagadahoc County	1,880	-0-	-0-	903	24	927
98	Frenchville	173	-0-	-0-	84	2	86
104	Milo	1,440	504	35.0	691	19	710
105	State Principals Assn.	375	-0-	-0-	180	5	185
109	Livermore Falls	1,302	-0-	-0-	625	17	642
114	Mechanic Falls	1,764	-0-	-0-	847	23	870
115	SAD #54	2,644	1,012	38.3	1,270	34	1,304



MAINE STATE RETIREMENT SYSTEM
BASIC AND DEPENDENT
7/1/78 to 7/1/79

PD NUMBER	PD NAME	PAID PREM- BASIC & DEP	PAID CLAIMS & CONVERSIONS	LOSS RATIO	DIVIDEND	INT	DIVIDEND PLUS INT
116	Yarmouth	\$3,554	\$ -0-	-0-	\$1,707	\$46	\$1,753
117	Searsport	1,405	-0-	-0-	675	18	693
121	Piscataquis	1,869	525	28.1	898	24	922
124	Searsport Water District	119	-0-	-0-	57	2	59
125	Norway	1,578	-0-	-0-	758	20	778
127	Paris	838	-0-	-0-	402	11	413
128	SAD #71	1,635	-0-	-0-	785	21	806
130	Bucksport	5,091	962	18.9	2,445	66	2,511
131	Fort Fairfield Utilities	806	2,006	248.9	-0-	-0-	-0-
132	Belfast Water District	705	-0-	-0-	338	9	347
133	Gorham	5,086	3,032	59.6	-0-	-0-	-0-
135	South Kennebec Valley	12	-0-	-0-	6	-0-	6
143	SAD #41	1,792	-0-	-0-	860	23	883
145	Auburn Housing	882	-0-	-0-	424	11	435
150	Hermon	640	-0-	-0-	307	8	315
152	Sanford Housing	687	-0-	-0-	330	9	339
159	Paris Utilities	671	1,405	209.4	-0-	-0-	-0-
161	Rockport	762	-0-	-0-	366	10	376
163	Lewiston/Auburn Water	1,705	-0-	-0-	819	22	841
164	Thomaston	989	-0-	-0-	475	13	488
167	Dover-Foxcroft	2,957	1,900	64.3	-0-	-0-	-0-
169	Maine Housing Authority	384	-0-	-0-	184	5	189
179	Winthrop	2,290	9,040	394.8	-0-	-0-	-0-
185	Portland Housing Authority	3,270	10,199	311.9	-0-	-0-	-0-
195	Waldoboro	595	502	84.4	-0-	-0-	-0-
198	SAD #51	1,260	-0-	-0-	605	16	621
205	Gould Academy	378	-0-	-0-	182	5	187
215	Hodgdon	313	-0-	-0-	150	4	154
219	Lincoln Sanitary	161	-0-	-0-	78	2	80
220	Kennebec Sanitary	1,270	-0-	-0-	610	16	626
222	Waterville Sewer	845	-0-	-0-	406	11	417
224	Region #7	429	-0-	-0-	206	6	212
227	Mars Hill	241	-0-	-0-	116	3	119



MAINE STATE RETIREMENT SYSTEM
BASIC AND DEPENDENT
7/1/78 to 7/1/79

PD NUMBER	PD NAME	PAID PREM- BASIC & DEP	PAID CLAIMS & CONVERSIONS	LOSS RATIO	DIVIDEND	INT	DIVIDEND PLUS INT
228	Lubec	\$ 166	\$ -0-	-0-	\$ 80	\$ 2	\$ 82
229	Van Buren Housing	523	-0-	-0-	252	7	259
238	Milo Water District	514	-0-	-0-	247	7	254
717	Wiscasset	2,603	10,040	385.7	-0-	-0-	-0-
718	Ashland	76	-0-	-0-	37	1	38
721	Anson	565	-0-	-0-	271	7	278
727	Hallowell Water District	485	-0-	-0-	233	6	239
729	Fairfield	3,196	20,294	635.0	-0-	-0-	-0-
734	Presque Isle Water District	873	-0-	-0-	419	11	430
736	West Paris	339	-0-	-0-	163	4	167
739	SAD #1	5,124	2,059	40.2	2,461	66	2,527
742	Brunswick/Topsham Water District	1,122	-0-	-0-	539	14	553
744	Anson Water District	196	-0-	-0-	95	3	98
746	SAD #17	901	-0-	-0-	433	12	445
748	SAD #36	618	-0-	-0-	297	8	305
750	M.S.E.A.	644	-0-	-0-	309	8	317
245	Limestone	714	-0-	-0-	343	9	352
247	Rumford/Mexico Sewerage	220	-0-	-0-	106	3	109
216	Town of Cumberland	242	-0-	-0-	116	3	119
751	SAD #40	227	-0-	-0-	110	3	113
753	SAD #50	986	-0-	-0-	473	13	486
755	Presque Isle Sewerage	509	-0-	-0-	245	7	252
757	Waldoboro Sewerage	20	-0-	-0-	10	-0-	10
758	SAD #68	954	-0-	-0-	458	12	470
760	SAD #74	1,165	-0-	-0-	560	15	575
761	SAD #52	416	-0-	-0-	200	5	205
763	Castine	1,113	-0-	-0-	534	14	548
764	Region #8	104	-0-	-0-	49	1	50
TOTAL		\$387,373	\$232,768		\$129,934	\$3,486	\$133,420



MAINE STATE RETIREMENT SYSTEM

POLICY NUMBER: 2200

SUPPLEMENTAL LIFE

7/1/78 to 7/1/79

<u>PD NUMBER</u>	<u>PD NAME</u>	<u>PAID PREMIUM</u>	<u>PAID CLAIMS & CONVERSION</u>	<u>LOSS RATIO</u>	<u>DIVIDEND PLUS INTEREST</u>
05	Cumberland County	\$4,942	\$6,047	122.3	----
12	Kittery Water District	897	----	----	----
26	Houlton Water District	3,139	----	----	----
49	Maine Turnpike Authority	31,916	57,202	179.2	----
85	Cape Elizabeth	2,928	----	----	----
86	Wilton	521	----	----	----
93	Maine Municipal Bond Banks	147	----	----	----
94	Gr. Portland Council of Govt.	345	----	----	----
96	Sagadahoc County	1,736	----	----	----
105	State Principals Assn.	368	----	----	----
109	Livermore Falls	456	----	----	----
121	Piscataquis County	1,580	525	33.2	----
130	Bucksport	3,988	----	----	----
131	Fort Fairfield Utilities	717	----	----	----
135	South Kennebec Valley	11	----	----	----
152	Sanford Housing Authority	359	----	----	----
164	Thomaston	923	----	----	----
169	Maine Housing Authority	167	----	----	----
195	Waldoboro	472	----	----	----
205	Gould Academy	352	----	----	----
219	Lincoln Sanitary District	162	----	----	----
220	Kennebec Sanitary District	250	----	----	----
222	Waterville Sewerage	760	----	----	----
224	Region 7	202	----	----	----
227	Mars Hill	189	----	----	----
717	Wiscasset	1,948	8,030	412.2	----
721	Anson	557	----	----	----
727	Hallowell Water District	447	----	----	----
744	Anson Water District	186	----	----	----
750	M.S.E.A.	542	----	----	----



MAINE STATE RETIREMENT SYSTEM

POLICY NUMBER: 2200

SUPPLEMENTAL LIFE

7/1/78 to 7/1/79

<u>PD NUMBER</u>	<u>PD NAME</u>	<u>PAID PREMIUM</u>	<u>PAID CLAIMS & CONVERSION</u>	<u>LOSS RATIO</u>	<u>DIVIDEND PLUS INTEREST</u>
757	Waldoboro Sewerage	\$ 12	\$----	----	----
760	SAD #74	322	----	----	----
761	SAD #52	289	----	----	----
764	Region 8	98	----	----	----
38	Maine Maritime Academy	67	----	----	----
216	Town of Cumberland	192	----	----	----
751	M.S.E.A.	206	----	----	----
TOTAL PD's		\$62,393	\$71,804	----	-0-



MAINE STATE RETIREMENT SYSTEM

For Public School Teachers,
Employees of the
State of Maine
Participating Local Districts



Constitution
of the State of Maine

All of the assets, and proceeds there-
from, of the Maine State Retirement System
or any successor system and all contribu-
tions and payments made to the system to
provide for retirement and related benefits
shall be held, invested or disbursed as in
trust for the exclusive purpose of provid-
ing for such benefits and shall not be en-
cumbered for, or diverted to, other purposes.

Chapter 95 Resolves 1961
Voted, General Election, November 6, 1962
Proclaimed, November 21, 1962
Adopted and Effective December 21, 1962