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THIRTY-FIPTH ANNUAL REPORT of the RETIREMENT BOARD FISCAL YEAR ENDED JUNE 30, 1971


THIRTY-FIPTH ANNUAL REPORT
of the
RETIREMENT BOARD
FISCAL YEAR ENDED JUNE 30, 1971

## Ex-Officio Members

RAYMOND H. HAWKSLEY, General Treasurer, Chairman KEVIN K. COLEMAN, Director of Administration

ALBERT B. WEST, Director of Business Regulation HON. FRANCIS P. SMITH, Chairman, Senate Finance Committee HON. JOHN J. HOGAN, Chairman, House Finance Committee

# Appointed by the Governor <br> JOHN J. HUDSON <br> Elected by State Employees 

CHARLES W. HILL

Elected by Teachers
JAMES D. WARREN
Represesenting Municipal Employees
PAUL E. BASSETT
RALPH D. CUCULO (Retired)

Administrative Staff
JOSEPH G. IANNELLI, Executive Director
JOHN F. SULLIVAN, Assistant Director
SARTO R. GAMACHE, Senior Accountant

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STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS


EMPLOYEES' RETIREMENT SYSTEM OF THE STATE OF RHODE ISLAND

ROOM 304, STATE HOUSE, PROVIDENCE, RHODE ISLAND 02903

## Joseph G. lannelli

Executive Director

## February 25, 1972

To His Excellency<br>The Honorable Frank Licht,<br>Governor, State of Rhode Island and Providence Plantations<br>Providence, Rhode Island

Sir:

I take pleasure in submitting herewith for transmittal to the General Assembly, the Thirty-Fifth Annual Report of the Retirement Board of the Employees Retirement System of the State of Rhode Island covering the fiscal year ended June 30, 1971.

Respectfully submitted,

Raymond H. Hawksley
Chairman

FINANCIAL AND STATISTICAL FACTS IN BRIEF

At Year-End
Reserves (Net Assets)
Number of Contributing Members -

State Employees
Teachers
Number of Pensioners -
State Employees
Teachers
Unfunded Accrued Liability -

| State Employees | $\$ 54,877,000$ | $\$ 43,969,000$ |
| :--- | :--- | :--- |
| $T$ Teachers | $\$ 117,486,000$ | $\$ 94,614,000$ |


| $\frac{1971}{\$ 146,606,004}$ |  |
| :---: | ---: |
| 12,450 | 1970 |
| 10,401 | $9,539,66$ |
| 2,075 | 1,843 |
| 1,796 | 1,625 |

54,877,000
\$ 94,614,000

## For the Year

| Total Revenue | $\$ 31,366,733$ | $\$ 27,427,422$ |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Total Expenditures | $\$ 16,292,584$ | $\$ 12,703,229$ |  |  |
| Member Contributions | $\$ 11,842,333$ | $\$ 10,042,241$ |  |  |
| Employer Contributions | $\$ 11,935,463$ | $\$ 10,968,067$ |  |  |
| Investment Income | $\$ 7,421,675$ | $\$$ | $6,344,344$ |  |
| Miscellaneous Revenue | $\$$ | 167,261 | $\$$ | 72,770 |
| Pension and Benefit Payments | $\$ 13,629,299$ | $\$ 10,694,422$ |  |  |
| Refunds of Member Contributions | $\$ 2,653,956$ | $\$$ | $2,001,932$ |  |
| Miscellaneous Expenditures | $\$$ | 8,327 | $\$$ | 6,874 |
| Number of Retirements (All types) | 538 |  | 415 |  |
| Deaths Among Retirants (All types) | 182 |  | 139 |  |

## Employees' Retirement System of the

 State of Rhode IslandTHIRTY-FIFTH ANNUAL REPORT OF THE RETIREMENT BOARD FOR THE FISCAL YEAR ENDED JUNE 30, 1971

Presented herewith is the Thirty-Fifth Annual Report of the Retirement Board of the Employees" Retirement System of the State of Rhode Island, covering the fiscal year ended June 30, 1971.

The report reviews the significant financial and statistical facts relating to the operations of the system for the year and its financial condition including a report on an annual actuarial valuation of the system as of the end of the year.

## MEMBERSHIP AT END OF YEAR

| CONTRIBUTING MEMBERS |  |  |
| :--- | :---: | :---: |
| State Employees - |  | Male |
| Number |  |  |
| Proportion of totale | 6,255 | 6,195 |
| Aggregate salaries | $50.2 \%$ | $49.8 \%$ |
| Average salary | $\$ 50,244,808$ | $\$ 37,905,758$ |
| Average age | $\$ 8,033$ | $\$ 6,119$ |
| Average service | 45.4 | 43.8 |



The reserves at June 30,1971 amounted to $\$ 146,606,006$. This compares with $\$ 131,539,662$ in the preceding year.

Total revenues from member contributions, employer contributions, investment income and miscellaneous sources amounted to $\$ 31,366,733$. Expenditures during the year for pensions and
$-3-$
benefits, refunds and other purposes totalled $\$ 16,292,584$. Excess revenues of $\$ 15,074,148$ were credited to the revenues to provide for the liability on account of pension credits earned by the members during the year.

Income from investments for the year was $\$ 7,421,675$. This income was equal to $23.6 \%$ of total revenues. Included in investment income were capital gains realized during the year in the amount of $\$ 104,578$.

The system is financed on a jointly contributory basis with both the employees and employers sharing in its cost. State employees contribute $5 \%$ of salary. Teachers contribute $6 \%$ of salary. The remainder of the cost for State employees is assumed by the State. In the case of the teacher-members, the cost requirements over and above teachers' contributions are shared equally by the State and the Cities and Towns.

The employer's share of the cost of the system for each year is a rate per cent of payroll based upon the projected average annual requirements for pension and benefit payments, after considering contributions made by the beneficiaries, and after adjustment for other factors of actuarial significance.

The rates of contribution for the employers as determined and recommended by the actuary, for the 5-year period dating from July 1, 1972, are as follows:

State of Rhode Island, for State State of Rhode islan
employee members
$6.5 \%$
employee members
State of Rhode Island and Citi
and Towns of the State, for teacher-members, each contr buting one-half of the cos

These rates are to be applied to the salaries payable to the members in arriving at the amounts to be contributed by the employer to the systrem.

## UNFUNDED ACCRUED LIABILITY

According to the report of the actuary, the unfunded accrued liability at the close of the year for past service credits amounted to $\$ 172,363,000$. The increase for the year was \$33,780,000. This compares with an increase for the preceding year of $\$ 10,248,691$. The increase, approximating $24 \%$, was due principally to the effect of the 1970 amendments upgrading certain provisions of the retirement plan. The total impact of these amendments has not as yet been fully evaluated. A further increase in this item, therefore, may be expected in the 1972 fiscal period following the completion of an analysis of the various amendatory changes

The rate of funding, otherwise referred to as the "security ratio", is the extent to which the total accrued liabilities at the balance sheet date are covered by present assets. The security ratio at June 30, 1971 was $46.0 \%$.

## INVESTMENT OPERATIONS

The investment account as of June 30, 1971 amounted to $\$ 145,283,594$ at par value for bonds and cost value for stocks. Securities acquired and disposed of during the year were as follows:

## Securities Acquired

| U. S. Treasury Bonds | $\$ 3,275,000$ |
| :--- | ---: |
| Certificates of Deposit | $1,000,000$ |
| Commercial Paper | $42,100,000$ |
| Public Utility Bonds | $6,250,000$ |
| Industrial Bonds | $1,511,400$ |
| Preferred Stocks | 158,206 |
| Common Stocks | $5,683,655$ |
| Total | $\$ 59,978,261$ |

## Securities Disposed Of

U. S. Treasury Bonds

Commercial Paper
State and Municipal Bonds
Railroad Bonds
Public Utility Bonds
Industrial Bonds
$\$ 3,275,000$
$38,750,000$

90,000
150,000
943,000
547.333

Common Stocks
87.529

Certificates of Deposit
Total
Net Increase in Investment
account for the Year
$1,000,000$
$\$ 44,842,862$
$\$ 15,135,399$

The following is a summary of the investments according to type of security:

## Type of Investment

U. S. Government

Federal Land Banks
Federal National
International Bank
Sailroad and Equipment Trust
Rorporate Public Utility
Corporate Industrial
Preferred Stocks
Common Stocks
Mutual Funds
Commercial Paper
Totals

| Par Value for Bonds Cost for Stocks | Per Cent of Total |
| :---: | :---: |
| \$ $24,859,500$ | 17.1\% |
| - 2,000,000 | 1.4 |
| 1,085,000 | 0.8 |
| 1,100,000 | 0.8 |
| 1,458,000 | 1.0 |
| 3,416,000 | 2.5 |
| 46,628,000 | 32.1 |
| 21,919,400 | 14.9 |
| 1,188,116 | 0.8 |
| 35,306,288 | 24.3 |
| $623,290$ | 0.4 |
| 5,700,000 | 3.2 |
| \$145,283,594 | 100.0\% |

Investment earnings from interest and dividends amounted to $\$ 7,317,097$. These earnings were equal to $5.26 \%$ as a proportion of average assets. This compares with a rate of $5.00 \%$ in the preceding year. In addition, the system realized a capital gain in the sale of securities during the year of $\$ 104,578$. Giving effect to this capital gain, the total investment income was equal to $5.34 \%$ of average assets.

Equity investments, consisting of common and preferred stocks and mutual funds, show a substantial increase in value at June 30, 1971. The increase at that date was $\$ 12,500,832$, being equal to $33.7 \%$ of the cost of these securities.

A progressive policy on investments has been in effect over the years. A well diversified account of investments is maintained. The securities comprising the investment account are all of high quality. Sales of investments have been made as opportunities arise for improving and upgrading the investment account and increasing investment income.

## AMENDMENTS

H-1563 A - Permits state legislators to purchase up to 4 years of military service at $10 \%$ of first year's legislative salary. H-1750 - Permits correctional officers of the Adult Correctional Institutions to retire after 20 years of service at age 50. Mandatory retirement will occur after 20 years of service at age 55. Pension formula is $2 \%$ of final average salary per year of service.

H-2058 - Allows legislators to retire after 8 years of service at age 55 and after 20 years of service at any age.

## APPROPRIATIONS FOR 1971-1972 FISCAL YEAR

Appropriations to the system by the State and by the Cities and 'Towns (on behalf of teacher-members) consist of a rate per cent of payroll computed according to a prescribed formula. This rate varies between state employees and teachers due to differences in basic characteristics for pension purposes. The rate is
obtained by averaging the estimated expenditures by the system for a period of years in the future after offsetting against these expenditures member contributions and applying certain actuarial factors.

The rates of contributions currently in force are $5.55 \%$ of payroll for state employees and $7.80 \%$ for teachers. The State of Rhode Island and the Cities and Towns share equally in the cost of financing teachers' pensions.

The appropriations budgeted by the State for the system covering the 1971-1972 fiscal year with the amounts allocated for the preceding year are shown below:

| Fiscal Year Ended June 30th |  |
| :--- | ---: |
| $1971-1972$ | 1970-1971 |

## State Employees -

5.55\% of total compensation paid to the members during the fiscal year preceding the submission of the budget to the General Assembly
$\$ 5,138,755$
$\$ 3,792,149$

## Teacher-Members -

```
3.90% of total compensation
paid to the members during
the fiscal year preceding the
submission of the budget to
the General Assembly
\[
\$ 3,632,904
\]
\[
\$ 2,956,034
\]
```


## CONCLUDING COMMENT

An actuarial valuation of the assets and liabilities of the system was completed by the actuary as of June 30, 1971. The results of this valuation are presented in the accompanying report of the actuary.

The results of operations for the year from a current operating standpoint were satisfactory. The financial condition of the system meets the test of relative stability. The policies in effect in the management of the investment account of the system reflect progressive standards directed towards the realization of maximum income on investments consistent with prudent investment judgment.

Administrative policies and procedures are geared to high standards in order that a full measure of service may be provided the membership of the system at all times.

The board acknowledges with appreciation the cooperation and service during the year of the officials of the State and the competency and loyalty of the administrative staff of the system.

Retirement Board of the Employees' Retirement System State of Rhode Island

RAYMOND H. HAWKSIEY, Chairman KEVIN K. COLEMAN

ALBERT B. WEST
HON. FRANCIS P. SMITH
HON. JOHN J. HOGAN
JOHN J. HUDSON
CHARLES W. HILL
JAMES D. WARREN
PAUL E. BASSETT
RALPH D. CUCULO

JOSEPH G. IANNELLI,
Executive Director

REPORT OF THE ACTUARY
On An Actuarial Valuation of the System as of June 30, 1971

The purpose of an actuarial valuation is to establish the liabilities and reserve requirements for the accrued and prospective pension credits under the prescribed benefit schedule. The actuarial balance sheet that is prepared shows the accrued and prospective liabilities and the present and prospective assets to cover these liabilities.

A determination is made of the liabilities incurred for the several benefit obligations. The reserves required to meet these accrued liabilities for the lifetime of the members are established. The factors of mortality, turnover in employment and interest earnings are basic in these calculations. Other factors are prominent in actuarial procedure, such as rates of salary and their progression until retirement of the members, disability incidents and ages of retirement of the members. Rates reflecting these basic factors were formulated in a previous survey and investigation of operating experience of the system. Because of the marked variance in basic characteristics, separate rates are used for State employees and teacher-members. A further division was made between male and female members to give effect to the diverse physiological conditions and employment factors affecting the two sexes. Some variations from these established standards frequently
occur in current operations. These are also considered by means of specific adjustments of the results of the valuation.

## BASIS OP VALUATION

The benefit and contribution provisions forming the basis of the valuation are summarized in the appendix. The several assumptions relative to the actuarial factors applied in this valuation are as follows:

1. Mortality expectancy

The 1951 Group Annuity Table (modified)
2. Interest rate: Compound interest at $5 \%$.
3. Turnover factors: Assumed annual rates of withdrawal
from all causes -

| Age | Rate per 1,000 |
| :---: | :---: |
| 20 | 247 |
| 25 | 198 |
| 30 | 162 |
| 35 | 120 |
| 40 | 91 |
| 45 | 33 |
| 50 | 15 |
| 55 | Hortality only |

4. Puture salary increment: Assumed at an annual
rate of 32\%
5. Age at retirement: Average of 62 years
6. Disability rates: Class (1) rates of disablement from the Society of Actuaries 1952 Intercompany study were used. It was assumed that 15\% of all disablements would occur in line of duty.

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7. Narital status: $85 \%$ of employees in service were assumed to be married with the average age of the wives 4 years average age of the wives 4 years younger than the employees. It
was assumed that $75 \%$ of the employees retiring on pension are married.
8. Administrative expense: No provision.

## MEMBERSHIP STATISTICS

Statistics forming the basis of the valuation were compiled and tabulated. Detailed tables reflecting this data are presented in the appendix. A summary thereof is as follows:

State Employees
Teachers

| ACTIVE MEMBERS | Male | Female | Male | Female |
| :---: | :---: | :---: | :---: | :---: |
| Number | 6,255 | 6,195 | 3,780 | 6,621 |
| Percent of total | 50.2\% | 49.8\% | 36.3\% | 63.7\% |
| Annual salaries | $\$ 50,244,808$ | \$37,905,758 | $\$ 34,654,359$ | $\$ 58,316,625$ |
| Average salary | \$8,033 | \$6,119 | \$9,168 | \$8,808 |
| Average age | 45.4 | 43.8 | 35.8 | 40.0 |
| Average service | 9.2 | 8.1 | 9.3 | 10.3 |


| RETIREMENTS | State Employees |  | Teachers |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Male | Female | Male | Female |
|  | 1,172 | 903 | 298 | 1,498 |
| Number <br> Percent of total | 56.5\% | 43.5\% | 16.6\% | 83.4\% |
| Average age at June 30, 1971 | 71.7 | 77.9 | 71.3 | 72.2 |
| Retirements during year | 164 | 132 | 49 | 195 |
| Average age at retirement | 63.9 | 64.3 | 62.5 | 64.4 |
| Terminations | 76 | 27 | 15 | 62 |
| Average age at death | 75.2 | 73.7 | 74.7 | 79.1 |

## RESULTS OF VALUATION

A test of progress in the operation of any retirement system is the extent to which the accrued liabilities for earned pension credits are covered in comparison with the prior period. This assumes that the system is fully funded, that is, the cost of the accruing pension credits are financed currently in full measure, and that the unfunded accrued liability is being systematically amortized. Pension liabilities represent discounted sums reflecting the interest factor, therefore, the established liabilities for prior years accrue currently, at interest, at the assumed rate.

The law prescribes a partial method of funding the employer's share of the cost of the system. Contributions by the employer
are to be the average annual requirements for benefits according to a 5-year projection of pension payments by the system. The rate per cent of contributions established in 1967 for the period of 5 years subsequent thereto was $5.55 \%$ of payroll for State employees and $7.80 \%$ for teacher-members. The latter cost is divided equally between the State and Cities and Towns. Partial funding results in a deferment of part of the incurred accruing cost, therefore, the unfunded accrued liability has continued in an upward trend and will continue in this trend for an indeterminate period.

A reexamination of the aforesaid rates was completed during the year and were found to be, respectively, $6.5 \%$ for State employees and $9.0 \%$ for teacher-members. These rates will take effect July 1, 1972 .

Actuarial funding. According to actuarial criteria which reflect the accrual principle, the full accruing cost of financing current service on account of the members of the system, as of the aforesaid date, as a percentage of salary, as determined by actuarial valuation, is as follows:

Total cost as a percentage
of payroll
Less, member contributions
Net Cost to the Employer

| State Employees | Teacher Members | Composite |
| :---: | :---: | :---: |
| 14.9\% | 18.0\% | 16.3\% |
| 5.0 | 6.0 | 5.5 |
| 9.9\% | 12.0\% | 10.8\% |

## VALUATION BALANCE SHEET

A Valuation Balance Sheet is presented in the following pages reflecting the financial condition of the system at June 30 , 1971. From a technical standpoint, a retirement system is considered to be in a sound financial condition when its present assets are equal to the difference between (a) the total of all accrued and prospective liabilities, and (b) the present value of future contributions to be received by the system. A system attaining this status will have provided in full for all accrued pension credits in accordance with actuarial reserve requirements.

VALUATION BALANCE SHEET

JUNE 30, 1971

VALUATION BALANCE SHEET - JUNE 30, 1921
Statement of Assets, Llabilities and Reserves

## ASSIS

## VALUATION BALANCE SHEET - JUNE 30, 1971

## Statement of Assets, Liabilities and Reserves

## LIABILITIES AND RESERVES

## CURRENT LIABILITIES:

Unclaimed Benefits $\quad \$ \quad 24,151.00$
FUTURE SERVICE LIABILITY:

| State employees | $\$ 40,354.185 .00$ |  |
| :--- | :--- | :--- |
| Teacher-members | $\$ 1,989,102.00$ | $92,343,287.00$ | RESERVE REQUIREMENTS:

RESERVE FOR MEMBER CONTRIBUTIONS -
State Employees
For service retirement and disability annuities
For future refunds
\$ 14,033,583.00
$14,598,313.00 \quad 28,631,896.00$
Teacher-Members -
For service retirement and disability annuities
For future refunds
$\$ 25,112,503.00$ $11,572,985.00$
$36,685,488.00$
RESERVE FOR SURVIVOR BENEFITS $4,019,016.00$

RESERVE FOR EMPLOYER CONTRIBUTIONS -
For service retirement and disa-
bility annuities on active
members -
State Employees Total requirements Employee contributions
$\$ 67,906,804.00$ 14,033,583.00

53,873,221.00
Teacher-Members -
$\$ 117,473,900.00$
Employee contributions $\quad \begin{array}{r}\text { 25,112,503.00 }\end{array} \quad 92,361,397.00$
RETIREMENT AND BENEFITS RESERVE -

| State employees | $33,221,353.00$ |
| :--- | :--- |
| Teachers | $70,176,633.00$ |

[^0]$$
\frac{172,363,000.00}{\$ 411,336,442.00}
$$

TOTAL LIABILITIES AND RESERVES

The following explanation of the several items comprising the Valuation Balance Sheet is given to facilitate an understanding of their function and meaning.
Present Assets comprise the assets on hand as shown by the financial reports prepared by the accountant of the system.

Deferred Assets consist of the obligations of the members and the employers for service to be rendered subsequent to June 30 , 1971. They represent actuarially determined amounts, giving effect to the factors of mortality, interest, turnover and others that enter into the computation of liabilities and annuities and benefits that accrue on account of future service.

Unfunded Accrued Liability constitutes the amounts accrued and unpaid on account of service rendered prior to the balance sheet date. This is an accrued obligation of the State and the cities and towns to be discharged in future years by increased financial allocations to the system.

Current Liabilities represent current accounts payable at the close of the year as shown by the financial statements prepared by the system.

## Puture Service Liability is an offset to Deferred Assets and

 represents the present value of the proportionate pension credits to be earned by the members during future service extending from the balance sheet date to the assumed ages of retirement.Reserve for Members' Contributions consists of the total of members' contribution credits at the balance sheet date. Part of these credits is payable as a refund in future years to members withdrawing from service on account of resignation, dismissal or death. The remainder is to be applied to finance a portion of the annuities and benefits payable to members now in service who will ultimately qualify for retirement.

## Reserve for Survivor Benefits represents the accumulation of

 contributions by the teacher-members and the cities and towns towards the survivor benefit provision specifically applicable to these members.Reserve for Employer Contributions represents the amounts that must be provided to finance the employers' portion of the accrued pension credits for those employees now in service who will ultimately qualify for retirement and disability pensions.

Retirement and Benefits Reserve constitutes the amount reserved
to pay out during the future lifetime of the pensioners presently on the pension roll the pensions granted and in force at the
balance sheet date.

## CERTIFICATION

The accompanying Valuation Balance Sheet exhibits all assets, accrued liabilities and reserves of the system as of June 30 , 1971. Present assets were taken from the financial statements submitted by the accountant of the system.

In our opinion, this Valuation Balance Sheet correctly presents the condition of the Employees' Retirement System of the State of Rhode Island at June 30, 1971 after giving effect to all accrued liabilities and actuarial reserve requirements for the several annuities and benefits under the applicable law in effect at such date.

## FINANCIAL STATEMENTS

1. Financial Balance Sheet as of June 30, 1971
2. Statement of Revenues and Expenditures for the Fiscal Year Ended June 30, 1971
3. Statement of Cash Receipts and Disbursements for the Fiscal Year Ended June 30, 1971
4. Comparative Statement of Investment Receipts and Disbursements, Fiscal Years Ended June 30, 1971 and June 30, 1970
5. Statement of Net Investment Earnings for the Fiscal Year Ended June 30, 1971

## ASSETS

|  |  | $\begin{array}{r} 742,178.27 \\ 1,646,410,48 \end{array}$ |
| :---: | :---: | :---: |
| Casch | \$145,283,593.75 |  |
|  | , 042,026,13 |  |
| and Premiums (Net) | 1,042,026,13 |  |
|  |  | 144,241,567.62 |
| Net Investments |  | \$146,630,156.37 |
| Total Assets |  |  |

## LIABILITIES AND RESERVES

| Current Liabilities |  |
| :--- | :--- | :--- |
| Unclaimed Benefits | $\$ \quad 24,151.57$ |

Members' Contribution Reserves

| State Employees | $\$ 28,631,896.42$ |
| :--- | ---: |
| Teachers |  |
| Teachers |  |
| vivors | $34,577,458.07$ |
|  | $2,108,030.55$ |

Total Members ' Reserves 65.317.385.04
General Reserves

| State Employees | $\$ 51,490,315.28$ |
| :--- | ---: |
| Teachers |  |
| Teachers |  |
| vivors | $25,770,327.80$ |
| Certain State | $4,019,016.65$ |
| Employees | $6,286.69$ |
| Certain Teachers | $2,673.34$ |

Total General Reserves 81,288,619.76
Total Liabilities and Reserves

Statement of revenues and expenditures POR THE FISCAL YEAR ENDED JUNE 30, 1971

REVENUES
lember Contributions -

State Employees Teachers
Teachers
eachers Survivors
Death Benefit Premiums Retired Legislators $\$ 1,800.00$ Retired Employees $\quad 315.23$
eneral Fund Appropriations -
State Employees
State Employees a/c FF Costs
Teachers
Certain State Employees
Certain Teachers
unicipal Contributions -

| Teachers |  | $\$ 3,867,921.56$ |
| :--- | ---: | ---: |
| Teachers, |  |  |
| Employees Transfersed | $411,376.37$ |  |
|  | $103,843.10$ | $4,383,141.03$ |

ther Contributions -
Miscellaneous Refunds Unclaimed Benefits
Miscellaneous Receipts
nvestment Income
Investment Earnings
total revenues
\$ 4,810,695.99 6,609,794.52 419,727.78
2,115.23
$\$ 11,842,333.52$
\$ 3,033,701.00
1,554,986.59
2,956,034.00
$956,034.00$
$5,600.00$
$5,600.00$
$2,000.00$$\quad 7.552 .321 .59$
\$ 3.867 .921 .56 103,843.10 4,383,141.03

$18,659.71$
$137,621.11$
$167,261.50$
$\$ 7.317,097.13$
$104,578.27$
7,421,675.40
$\$ 31,366,733.04$

## EXPENDITURES

Pensions and Death Benefits -


Refunds of Contributions -

| State Employees Teachers | $\begin{array}{r} 927,228.92 \\ 1,594,298.34 \end{array}$ |  |
| :---: | :---: | :---: |
| Teachers' Survivors | 106,337.80 |  |
| Interest, Teacher Survivors Contribution Refunds | ${ }^{\prime} 8,641.17$ |  |
| To Municipalities <br> a/c Teachers | 15,137.76 |  |
| To Municipalities a/c Teachers. Survivors | 2,312.51 | 2,653,956.50 |
| Unclaimed Benefits |  | 2,853.12 |
| Miscellaneous Refu |  | 5,144.55 |
| Transferred to Muni | icipal | 1,269.90 |

Investment Expense -

## Postage \& Insurance on Purchases

60.04

TOTAL EXPENDITURES

EXCESS OF REVENUE OVER EXPENDITURES

STATEMENT OF CASH RECEIPTS AND DISBURSEMENTS FISCAL YEAR ENDED JUNE 30, 1971

Cash Balance, July 1, 1970
Receipts -
Investments Sold and Matured
Investment Earn-
ings $\quad 6,842,586.23$
Discounts on
$189,403.79$
$104,578.27$
$104,578.27 \quad \$ 49,579,430.77$
Gain on Sales

## -

Member Contributions

| State Employees | $\$ 4,810,695.99$ |  |
| :--- | ---: | ---: |
| Teachers | $6,609,794.52$ |  |
| Teachers Sur- | $419,727.78$ |  |
| vivors | 315.23 |  |
| Ins. Benefit Prem. |  |  |
| Retired Employees | $1,800.00$ | $11,842,333.52$ |

General Fund Contributions -

| State Employees | $\$ 4,588,687.59$ |  |
| :--- | ---: | ---: |
| Teachers | $2,956,034.00$ |  |
| Certain State | $5,600.00$ |  |
| Employees | $2,000.00$ | $7,552,321.59$ |
| Certain Teachers |  |  |

Municipal Contributions -

| Teachers <br> Teachers Sur- <br> vivors | $\$ 3,867,921.56$ |  |
| :--- | ---: | ---: |
| Employees Trans- <br> ferred | $411,376.37$ |  |
|  | $103,843.10$ | $4,383,141.03$ |



Statement of Cash Receipts and Disbursements - continued

## Disbursements

| Investments Purchased | \$57,578, |
| :---: | :---: |
| Accrued Interest | 38,816.83 |
| on Purchas |  |
| Premiums on chases |  |
| Postage \& Insur | 60 |
| Pension Benefits - Death Benefits <br> Death Retirement Allowances - |  |
|  |  |
| State Employees |  |
|  | 188,170 |
| achers' |  |
| vivors | 0,3 |
| Certain St |  |
|  | 1,840.00 |

Refunds of Contributions

| State EmployeesTeachers $\quad \$$$927,228.92$ <br> $1,594,298.34$ |  |  |
| :---: | :---: | :---: |
|  |  |  |
| Teachers' Survivors | 106,337.80 |  |
| Interest, Teachers' |  |  |
| Survivors Contribution Refunds | 8,641,17 |  |
| Municipalities a/c |  |  |
| Teachers | 15,137.76 |  |
| Municipalities a/c Teachers' Survivors | 2,312.51 | 2,653,956. |
| Unclaimed Benefits |  | 2,853.12 |
| Miscellaneous Refunds |  | 5,144.55 |
| Transferred to Mun | icipal | 1,269.90 | TOTAL DISBURSEMENTS

CASH BALANCE, JUNE 30, 1971

COMPARATIVE STATEXENT OP INVESTMENT EARNINGS RECEIPTS AND DISBURSEMENTS

## FISCAL YEARS ENDED JUNE 30, 1971 AND JUNE 30, 1970

| 1970-1971 | 1969-1970 |
| :---: | :---: |
| \$6,842,586.23 | \$5,552,664,21 |
| 189,403.79 | 364,731.60 |
| 104,578.27 | 169,845.38 |
| \$7,136,568.29 | \$6,087,241.19 |

DISBURSEMENTS:


STATEMENT OF INVESTMENT EARNINGS FISCAL YEAR ENDED JUNE 30, 1971


| SUMMARY OF INVESTIENT OPERATIONS JULY 1, 1970 TO JUNE 30,1971 |  |
| :---: | :---: |
| Total Investments at July 1, 1970 | \$130,148,195 |
| Add: |  |
| Purchases during the year | 59,978,261 |
|  | \$190,126,456 |
| Deduct: |  |
| Redemptions and Sales during the year | 44,842,862 |
| TOTAL INVESTMENTS AT JUNE 30, 1971 | \$145,283.594 |

DETAILED LISTING OF INVESTIENTS OWNED

SUMQARY OF INVESTMENT ACCOUNT
BY TYPE OP INVESTIUENT

|  | Cost or Par |
| :---: | :---: |
| Trpe of Investment | \$ 24,859,500 |
| U. S. Government | 2,000,000 |
| Federal Land Bank | 1,085,000 |
| Federal Nation |  |
| mational Bank for | 1,100,000 |
| International Reconstruction | 5,700,000 |
| Commercial Paper | 1,458,000 |
| State \& Municipal Bond | 3,416,000 |
| Railroad Bonds | 46,628,000 |
| Public Utilities Bonds | 21,919,400 |
| Industrial Bonds |  |
| Bank Stocks | 4,460,3 |
| Corporate Stocks | 32,034,100 |
| Mutual Funds | 623,290 |
| Total | \$145,283,594 |

Description

| Proportion <br> of rotal |
| :---: |
| $17.1 \%$ |
| 1.4 |
| 0.7 |
| 0.8 |
| 3.9 |
| 1.0 |
| 2.4 |
| 32.1 |
| 15.1 |
| 3.1 |
| 22.0 |
| 0.4 |
| $100.0 \%$ |

Treasury bonds
Treasury bonds
Treasury bonds
Treasury bonds
Treasury bonds
Treasury bonds
Treasury bonds
Treasury bonds
Treasury bonds
Treasury bonds
Treasury bonds
Treasury bonds
Treasury bonds
Treasury bonds
Treasury bonds
Treasury bonds
Treasury bonds
Treasury bonds
Treasury bonds
Treasury bonds
Treasury bonds
Treasury bonds
Treasury bonds
Treasury bonds
Treasury bonds

Interest

## 7-3/4\%

 $2-1 / 2$4
$2-1$
$2-1$
$2-1 / 2$
$2-1 / 2$ $2-1$

## 4-1/8

$4-1 / 8$
$5-3 / 4$
4-1/8
$7-3 / 4$
$4-1 / 8$
$7-3 / 4$
$4-1 / 8$
$4-1 / 4$ $4-1 / 4$
$3-7 / 8$
$3-7 / 8$
$5-3 / 4$
$5-3 / 4$
$5-7 / 8$
$5-7 / 8$
$5-3 / 4$
8
7-3/4
$3-1 / 4 \quad 6 / 15 / 83$
$\begin{array}{ll}3-1 / 4 & 6 / 15 / 83 \\ 4-1 / 8 & 5 / 15 / 85\end{array}$
$\begin{array}{ll}4-1 / 4 & 5 / 15 / 85\end{array}$
$\begin{array}{ll}3-1 / 2 & 2 / 15 / 90\end{array}$
$4=1 / 4$
$4-1 / 8$
Maturity


Total United States of America

THE TWELVE FEDERAL LAND BANKS

| Consolidated Federal Farm | $4-3 / 4$ | $4 / 21 / 75$ | $\$$ |
| :--- | :--- | :--- | :--- |
| Loan |  |  |  |
| Consolidated Federal Farm | 5 | $2 / 24 / 76$ | 500,000 |
| Loan |  | 500,000 |  |
| Consolidated Federal Farm | $5-3 / 8$ | $7 / 20 / 76$ | 500,000 |
| Loan |  |  |  |
| Consolidated Federal Farm | $4-1 / 8$ | $2 / 20 / 78$ | 500,000 |
| Loan |  | $\$ 2,000,000$ |  |

Carrying Value

1775,000
$2,550,000$ 759,000 97.500 700,000
1,000,000 850,000 875,000
670,000 700,000
1,000,000 500,000
,500,000
, 500,000 550,000 $1,000,000$
1,000,000
$1,363,000$ 700,000
200,000
$1,825,000$ 500,000 500,000 1,945,000 2,300,000 $1,000,000$
$\$ 24,859,500$

Federal Land Bank Bond
Interest Maturity

|  | Interest | Katurity |  |
| :--- | :--- | :--- | :--- |


| $\begin{aligned} & \text { rrying } \\ & \text { alue } \end{aligned}$ | pescription <br> MONCIPALITIES |
| :---: | :---: |
|  | city of ceng Refunding |
| 00,000 | city of Cranston: 01, Series A |
| 40,000 | school, Series |
|  | School, Series B |
| 4,000 | School, ${ }_{\text {Sewerage, }}$ Series E |
| 00,000 | Sewerage, Series |
| 85,000 | Sewerage, Series |

Rate of

| Interest | Maturity | $\begin{aligned} & \text { Carrying } \\ & \text { Value } \end{aligned}$ |  |
| :---: | :---: | :---: | :---: |
| $\begin{aligned} & 2.9 \% \\ & 3.9 \end{aligned}$ | $\begin{gathered} 6 / 1 / 73-74 \\ 8 / 71 \end{gathered}$ | \$ | $\begin{array}{r} 7,000 \\ 35,000 \end{array}$ |
| 2-1/2 | $6 / 1 / 76$ |  |  |
| 2.7 | 2/15/78-79 |  | 45,000 |
| 2.9 3.6 | 11/15/76-78 |  | 68,000 |
| 1-3/4 | 7/1/73-76 |  | 55,000 |
| 1.8 | 10/1/80-81 |  | 5,000 |
| 2-1/2 | $3 / 1 / 76$ $6 / 1 / 78$ $6 / 76$ |  | 10,000 4,000 15,000 |
| 4.6 1.90 | $\begin{gathered} 10 / 15 / 72-73 \\ 1 / 1 / 76 \end{gathered}$ |  | 45,000 3,000 |
| 3-3/4 | 2/ 1/78 |  | 15,000 |
| 2-1/5 | $3 / 1 / 72$ |  | 25,000 |
| 2-1/5 | 7/1/71-76 |  | 28,000 |
| 3-3/4 | 2/1/76-78 |  | 45,000 |
| 2-3/4 | 12/1/82-84 |  | 20,000 |
| 3 | 12/1/72-74 |  | 30,000 |
| 2.9 | 9/1/71-74 |  | 87,000 |
| 3-1/2 | 3/1/76 |  | 30,000 |
| 2.7 3.7 | $\begin{gathered} 1 / 1 / 77-80 \\ 5 / 82 \end{gathered}$ |  | $\begin{array}{r} 48,000 \\ 34,000 \end{array}$ |
| $3 \cdot 7$ | 7/ 1/76 |  | 15,000 |
| 3-1/2 | 4/1/76 |  | 60,000 |




|  | Rate of Interest | Maturity | Carrying Value |
| :---: | :---: | :---: | :---: |
| Desoription |  |  |  |
| PUBLIC UTILITIES - continued |  |  |  |
|  | 3-5/8 | 11/1/85 | \$ 50,00 |
| Long Island Lighting | $3-5 / 8$ $3-5 / 8$ | $12 / 1 / 76$ | 275.00 |
| First mortgage |  | 4/1/90 | 200,00 |
| First mortgag \& Light CO. | 6-7/8 | 10/ 1/92 | 295,00 |
| Metropolitan Edison |  | 2/1/05 | 500.00 |
| Michigan Bell Telephone | 6-3/8 | $8 / 1 / 96$ | 175,00 |
| Debentures | 4-5/8 | 2/1/10 | 500,00 |
| Debentures | 3-1/2 | $8 / 1 / 76$ | 150,00 |
| Michigan Consolidated Company | 4-3/4 | 3/ 1/87 | 50,00 |
| Minnesota Power \& Light Co. | 3 | 9/1/77 | 1, 50,000 |
|  | 8 |  | 1,000,00 |
| Narragansett Electric CO.1 | 3 | 9/1/74 | 121.00 |
| First mortgage | 3-1/2 | 3/1/86 | 200,00 |
| First mortgage | 8-1/8 | 12/ 1/95 | 500,000 |
| New Bedford Gas \& Electric Co. | 4 | 9/1/71 | 129.00 |
| New England Power Co. |  | 6/1/88 | 200,000 |
| New England Jersey Bell Telephone Co. | 3-1/4 | 5/1/84 | 100,000 |
| New Jersey Bell Telephone Co. | 4-7/8 | 10/1/90 | 100,000 |
| New Jorsey Power \& Light Co. | 5 | 6/1/91 | 200,000 |
| New Orleans New York Power \& Light Co. | 2-3/4 | 3/1/75 | 100,000 |
| New York State Electric \& Gas Corp. | 4-5/8 | 5/ 1/91 | 200,000 |
| New York Telephone Co.1 3 -1/8 $2 / 1 / 78$ |  |  |  |
|  |  |  |  |
| Refunding mortgage |  | 10/15/89 | 110,000 |
| Refunding mortgage | 4-1/8 | 7/1/93 | 100,000 |
| Refunding mortgage | 4-1/8 | 7/1/93 | 25,000 |
| Refunding mortgage | 4-7/8 | 1/1/2006 | 250,000 |
| Refunding mortgage | 7-1/2 | 3/ 1/09 | 500,000 |
| Niagara Mohawk Power Co.: |  |  |  |
| General mortgage | 3-7/8 | 1/1/88 | 300,000 |
| Northern Illinois Gas Co | 4-3/4 | 4/1/90 | 200,000 |
| Northern Natural Gas: | 5 | $6 / 1 / 84$ | 151,000 |
| Debentures | 7-1/4 | 5/1/88 | 300,000 |
| Northern States Power Co.: 11/1/88 250,00. |  |  |  |
| First mortgage | 2-3/4 |  |  |
| First mortgage | 2-3/4 | 10/1/75 | 50,001 |
| Pirst mortgage |  | $2 / 1 / 74$ $7 / 1 / 88$ | 100,000 100,000 |
| First mortgage | 2-3/4 | 1/ $1 / 74$ | 191,000 |
| Northwest Bell | 6-3/4 | 6/1/98 | 500,000 |
| Ohio Bell | 6-1/4 | 1/1/09 | 500,000 |
| - | 5 | 2/ 1/07 | 500,000 250,00 |


| pescription <br> IC UTILITIES - continued <br> Edison CO.B | Rate of Interent | Maturity | $\begin{aligned} & \text { Carrying } \\ & \text { Vaiue } \end{aligned}$ |
| :---: | :---: | :---: | :---: |
| on ${ }^{10}$ Edirt mortgage | 2-3/4\% |  |  |
| $\mathrm{Pir}^{18 t}$ mortgage | 4-3/4 | 4/1/75 |  |
| pio power |  | 6/1/91 | \$ |
| plarst mas of Electric Co.i | 4-7/8 | 11/ 1/8? | 75,000 100,000 |
| osirst mortgage | 2-3/4 | 1/8? |  |
| $p_{\text {prast }}{ }^{\text {a }}$ mortgage | 3-?/8 | 2/1/75 | 100,000 |
| Pirst mortg \& Electric Co.: | 5-1/8 | 6/1/88 | 100,000 |
| pacif ic and refunding mortgage | 3 | 1/1/97 | 200,000 |
| pirst and refunding mortgage | 4-1/2 | 6/1/74 | 250,000 |
| pirst and refunding mortgage | 3-3/8 | 12/1/86 | 350,000 |
| pirst and refunding mortgage | 4-1/2 | 12/1/88 | 50,000 |
| pirst and refunding mortgage | 4-5/8 | 6/1/93 | 50,000 |
| pirst ${ }^{\text {coic Power \& Light Co. }}$ | $5-3 / 8$ | 6/1/98 | 150,000 |
| pacific Telephone \& Telegraph | 5 | 10/1/95 | 250,000 |
| company : |  |  | 100,000 |
| Debentures | 4-3/8 |  |  |
| Debentures | 3-1/8 | 8/15/88 |  |
| Debentures | 3-5/8 | 11/15/89 | 300,000 100,000 |
| Pennsylvania Electric Co.t | 4-5/8 | $8 / 15 / 91$ $6 / 1 / 00$ | 100,000 50,000 |
| pirst mortgage | 2-3/4 |  | 150,000 |
| pirst mortgage | 3-1/8 | 6/1/76 | 100,000 |
| pirst mortgage | 3-3/8 | 3/1/84 | 100,000 |
| Pennsylvania Power \& Light Co. | 3 | 10/1/72 | 200,000 |
| Peoples Gas Light \& Coke Co. | 4-5/8 | 10/1/75 | 650,000 |
| Philadelphia Electric Co.z |  | 5/ 1/86 | 182,000 |
| Pirst mortgage | 5 |  |  |
| Pirst mortgage Philadelphia Electric | 3-1/8 | 4/1/85 | 100,000 80,000 |
| Public Service Company of | 8 | 8/15/75 | 500,000 |
| Colorado: |  |  |  |
| Pirst mortgage | 4-3/8 | $5 / 1 / 87$ | 100,000 |
| Public mortgage | 4-1/2 | 10/1/91 | 200,000 |
| Public Service Ind. | 7-5/8 | 1/ 1/01 | 1,000,000 |
| New Hampshire <br> Nubl H | 3-1/4 | 11/ 1/84 | 96,000 |
| Debentures |  | 3/1/7? | 301,000 |
| Debentures | 5-3/4 | 6/1/91 | 200,000 |
| Pirst refunding mortgage | $5-3 / 4$ $4-3 / 4$ | 9/1/95 | 250,000 |
| Pirst refunding mortgage | 4-5/8 | 8/1/88 | 65,000 200,000 |
| Southern Bell | $5-1 / 8$ $2-7 / 8$ | 7/ 1/87 | 250,000 |


|  |  |
| :--- | ---: |
| $3-1 / 2 \%$ | $3 / 15 / 72$ |
| $3-1 / 75$ |  |
| $3-5 / 8$ | $8 / 15 / 77$ |
| 5 | $3 / 1 / 79$ |
| $4-7 / 8$ | $12 / 1 / 87$ |
| $4-1 / 4$ | $1 / 1 / 87$ |
| $4-3 / 4$ | $6 / 15 / 91$ |
| 5.35 | $9 / 15 / 93$ |
| $4-7 / 8$ | $7 / 1 / 92$ |
| 5 | $5 / 15 / 83$ |
| $6-3 / 4$ | $11 / 1 / 79$ |
| $4-5 / 8$ | $4 / 15 / 93$ |
| $7-1 / 8$ | $5 / 1 / 92$ |
| 6 | $6 / 1 / 78$ |
| $5-1 / 2$ | $7 / 1 / 90$ |
| $4-1 / 8$ | $7 / 15 / 92$ |
| $6-1 / 2$ | $8 / 1 / 90$ |
| $4-7 / 8$ | $6 / 15 / 91$ |
| 5.6 | $8 / 1 / 77$ |
| 5 | $12 / 15 / 72-74$ |
| $4-7 / 10$ | $5 / 1 / 01$ |
| $7-3 / 4$ | $10 / 15 / 90$ |
| $4-3 / 4$ | $7 / 1 / 86$ |
| $5-1 / 2$ | $2 / 15 / 89$ |
| $5-1 / 4$ | $6 / 15 / 95$ |
| 9 | $9 / 1 / 81$ |
| $3-7 / 8$ | $10 / 1 / 73$ |
| $3-1 / 8$ | $6 / 1 / 00$ |
| $8-7 / 8$ | $7 / 15 / 82$ |
| 5 | $8 / 1 / 83$ |
| $4-3 / 4$ | $8 / 86$ |
| $4-5 / 8$ | $8 / 1 / 92$ |
| $5-3 / 4$ | $10 / 1 / 93$ |
| $4-1 / 2$ | $5 / 1 / 83$ |
| $3-5 / 8$ | $5 / 1 / 92$ |
| $5-7 / 8$ | $12 / 1 / 82$ |
| $7-1 / 8$ | $5 / 1 / 97$ |
| 5.3 | $2 / 1 / 88$ |
| 5 | $7 / 15 / 83$ |
| 4 | $1 / 95$ |
| $8-3 / 8$ | $10 / 1 / 91$ |
| 5.2 | $11 / 1 / 95$ |
| 6 | 1 |

Maturity


QuNK STOCKS
Bank of York Corp. ${ }^{81}$ Chase Manha New York Trust Co. memical Bankilinois National Bank \& continental
rrust Company Bank of Boston
prst National City Bank of New York rist Nationational Bank of Rhode Island idustrial Na Hanover Trust Company保ufacturers organ Island Hospital Trust Company
hode Islant Bahk \& Trust CO.
tate Street Trust Company of New York inited Bancorporation

Total Banks

VESTMENT COMPANIES AND TRUSTS
ffiliated Fund, Inc.
incorporated Income Fund
20,353
19,690
sechusetts Investors Trust

| Number of Shares | Carrying Value |  |
| :---: | :---: | :---: |
| 9,310 | \$ |  |
| 6,000 |  | 376,229 |
| 8,940 |  | 243,504 |
| 5,000 |  | 34,961 156,468 |
| 16.456 | $\begin{aligned} & 270,096 \\ & 224,559 \end{aligned}$ |  |
| 6,098 |  |  |
| 8,994 |  |  |
| 19,095 | $\begin{aligned} & 309,470 \\ & 431,282 \end{aligned}$ |  |
| 10,000 | 126,013 |  |
| 5,500 | 302,421 |  |
| 24,892 | 722,466 |  |
| 5,670 | 113.635 |  |
| 4,200 | 242,831593,369 |  |
| 19,900 |  |  |
|  | \$ 4,460,304 |  |
| $\begin{aligned} & 47,436 \\ & 20,353 \\ & 19,690 \end{aligned}$ | \$ | $\begin{aligned} & 251,031 \\ & 152,568 \\ & 219,691 \end{aligned}$ |
|  |  |  |
|  |  |  |
|  | \$ 623,290 |  |
| $\begin{aligned} & 2,500 \\ & 4,000 \end{aligned}$ | \$ | $\begin{array}{r} 169,393 \\ 94,227 \end{array}$$327,374$ |
|  |  |  |
| 10,000 |  |  |
| 3,000 |  | 12,247 |
| 363 |  |  |
| 2,500 |  | 101,139 |
| 1,500 |  |  |
| $\begin{aligned} & 3,000 \\ & 2,000 \end{aligned}$ | $\begin{aligned} & 103,137 \\ & 111,177 \end{aligned}$ |  |
|  | \$ 1,188,116 |  |
|  | \$ | $\begin{aligned} & 134,700 \\ & 163,408 \end{aligned}$ |
| 4,000 |  |  |
| 4,250 |  | 355,228575,447 |
| 15,000 |  |  |
| 20,000 |  | 463,309 |
| 15,000 |  | $147,029$ |
| 5,000 |  | 155.520 |
| 9,000 |  |  |


| 2-40. | Number of Shares |
| :---: | :---: |
| nescription |  |
| STOCK - COMMON <br> CO. | $\begin{array}{r} 11,000 \\ 2,700 \end{array}$ |
| CORPORATE STM | 17,000 |
| arican Telephone | 10,000 |
|  | 8,000 |
| Arizons Public CO | 12,000 |
| Campell soup Tractor CO. | 12,000 |
| caterpil southwest corp. | 10,000 |
| central s corporation IIIuminating CO | 11,999 |
| Chubb corp Electric I CO. | 9,000 |
|  | 10,000 |
| commoniticut General | 1,500 |
| Connsumers Power CO. | 11,000 |
| Control Data | 3,720 |
| Corn products co. | 5,000 |
| Crown zellerbackional Corp. | 4,000 |
| Diamond Internation \% Co., Inc. | 8,700 |
| E.I.Dupont de CO | 4,000 |
| Eastman Kodak Co. | 8,000 |
| Pirestone Plorida Power \& Light Co. | 1,200 |
| The Foxboro CO, | 7,000 |
| Pranklin Life Insurance Co. | 24,000 |
| General Electric CO. | 10,000 |
| General Poods Corporation | 9.500 |
| General Motors Corporation | 14,000 |
| General Public utinlties corporation | 3.500 |
| Gillette CO. | 14,000 |
| Gulf States Utilities Co. | 14,000 |
| Honeywell, Inc. | 7.000 |
| I,N.A. Corp. | 7.500 |
| International Business Machines Corp. | 4,412 |
| International Nickel Co, of Canada, Itd. | 12,000 |
| International Paper Co. | 10,000 |
| Iowa Electric Light \& Power Co. | 10,000 |
| Kimberly Clark Corp. | 8,000 |
| Liberty National in. | 10,000 |
| Merck \& Co., Inc, | 13,000 |
| Middle South Utilities, | 5,500 |
| Minnesota Mining \& Manu Inc. | 12,000 |
| Mobil Oil Corp. \& Manuacturing Co. | 5,000 |
| Montromery ${ }^{\text {M }}$ | 8,000 |
| National Ward \& Co. | 15,999 |
| Niagara Mohawk Register | 8,000 |
| Northeast Utillt Power Corp. | 5,550 |
| Northern Statities | 17,000 |
| Ohio Edison Co, Power Co. | 14,000 |
| Panhand | 17.730 |
| J. C. Pennastern | 14,000 |
| - Penney Co. | 10,000 |
|  | 6,000 |
|  | 10,000 |

INVESTMENTS ACQUIRED DURING THE YEAR

Treasury bonds
Treasury bonds
Treasury bonds
Treasury bonds

CERTTPICARE OR DEPOSTM
Industrial National Trust
Total Certificate of Deposit

## COOMRRCIAL PAPRR



Rate of
Interest Maturity


Description
U.S. Treasury

Treasury bonds
Treasury bonds
Treasury bonds

COMMERCIAL PAPER
Amoco Credit
American Standard
Anderson Clayton
Anderson Clayton
Beneficial Corp.
Borg Warner
Borg Warner
Dow Chemical
Family Finance
Family Finance
Family Finance
Family Finance
Pruehauf Finance
Fruehauf Finance
Fruehauf Finance
Pruehauf Finance
Pruehauf Finance
Georgia Pacific
International Harvester
Macy Credit
Macy Credit
Massey Purguson
Raytheon
Joseph E, Seagram
Joseph E. Seagram
Schenley Ind.
Sperry Rand
Sperry Rand
Sperry Rand
Sperry Rand
U. S. Industries

Union Pacific
West Point Pedderell
Total Commercial Paper

$$
\begin{aligned}
& \text { Par Value for } \\
& \text { bonds or Com }
\end{aligned}
$$

$$
\begin{aligned}
& \text { bonds or for } \\
& \text { mercian pam. }
\end{aligned}
$$

$$
\begin{aligned}
& \text { mercian Paper } \\
& \text { or cost fan }
\end{aligned}
$$

$$
\begin{aligned}
& \text { mercian Paper } \\
& \text { or cost for } \\
& \text { stocks }
\end{aligned}
$$

city of East Providence: school Trunk Extension room of North Providences funding west Warwick:
sewer westerly:
school
Total Municipalities
rAILROADS
chicago, Burlington \& Quincy Railroad Co.:
Equipment Trust
First \& Refunding Mortgage
Total Railroads

BIC UTILITIES
Appalachian Electric Power Company:
First Mortgage Bonds Central Maine Power Co.: First \& General Mortgage Cleveland Electric Illumimating Company
Ohio Power Company
Pacific Gas \& Electric Company:
First \& Refunding Mortgage 3
Total Public Utilities

Par Value for bonds or Com-
Rate of
Interest Maturity mercian Paper or cost for stock

| $2-1 / 2 \%$ | $7 / 10 / 70$ | $\$$ | 25,000 |
| :--- | :--- | :--- | ---: |
| $2-1 / 5$ | $7 / 1 / 70$ |  | 20,000 |
| 3 | $7 / 1 / 70$ |  | 3,000 |
| $2-1 / 2$ | $7 / 1 / 70$ |  | 2,000 |
| $4-1 / 5$ | $9 / 1 / 70$ |  | 40,000 |
|  |  | $\$ 90,000$ |  |
|  |  |  |  |


| $4 \%$ | $1 / 15 / 71$ | $\$ 100,000$ |
| :--- | :--- | :--- |
| $2-7 / 8$ | $8 / 1 / 70$ | 50,000 |
|  |  | $\$ 150,000$ |
|  |  |  |


|  | $12 / 1 / 70$ | $\$$ | 475,000 |
| :--- | ---: | ---: | ---: |
| $3-1 / 4$ | 18,000 |  |  |
| $3-1 / 2$ | $10 / 1 / 70$ |  | 100,000 |
| 3 | $7 / 1 / 70$ | 100,000 |  |
| 3 | $4 / 1 / 71$ |  |  |
| 3 | $6 / 1 / 71$ | 250,000 <br> 3 |  |



## BENEPITS

Service retirement allowance. (a) Retirement is optional with a member upon attainnent of the age of 60 years, provided he has at least 10 years of credited service, or at age 58 with at least 30 years of credited service. A member completing 30 years of service may retire under age 58 on a reduced allowance which is the actuarial equivalent of the amount payable at age 58. A member may retire at any age on a full gervice retirement allowance, without discount, after 35 years of total service.
(b) A member withdrawing from service prior to the attainment of age 60, the right to a retirement benefit vests after 10 years of service. If the member does not take a refund, the retirement allowance will become available upon his attainment
of age 60 .
(c) Effective as of July 1, 1971, all members, except elected or term appointive officials, are subject to retirement at age 70. School teachers attaining age 70 during a school year are permitted to continue in service until the end of the school year.
(d) The service retirement allowance is equal to
1.7\% for each of the first 10 years of credited service 1. $9 \%$ for each of the next 10 years of gervice and $2.4 \%$ for each year of service above 20 , based upon the highest average salary for the 3 consecutive years within the total service. The maximum rate of retirement annuity is $80 \%$ of such average salary.
(e) Options, Upon or after attainment of age 60, and the com20 years of gervice, of service, or beginning at age 55 after anount of service on an acturisice retirement allowance for himself and provide on an actuarial equivalent basis, an annuity for a designated beneficiary to become payable upon his death, whether death (f) Reemployment of
(f) Reacher may be reemployed up a retired state employee or loss of pension payments up to 75 days during a year without days, pension payments are suspended is continued beyond 75 credit accrues during any sempended. No additional service credit accrues during any service after retirement.
-retirement adjustment, (a) $s$
post-reto January 1, 1968 were a) State emp prior of $1-1 / 2 \%$ per year based uranted a coloyeos pent of not compounded, up to upon their orion who retired pension 1971 without any maximum lanuary 1971 and ing grant of just. (b) Teachers who retired prior to
(b) Teachers who retired prior to Janus
the same adjustment as above beginning ry 1,1968
(c) State employees and teachers 1968 were granted a 3\% increase who retired year effective as of January lst fotirement pensionuary 1, retirement.

Non-occupational disability. (a) A benefit is available to any member having at least 7 years of credited available to bance covering the period of total credited servirement allowsubject to a minimum benefit of $26.5 \%$ of avervice of the member 3 highest consecutive years.
(b) A member qualifying for this benefit but not having completed 15 years of service is entitled to receive the benefit prescribed for 15 years of service.

Occupational disability. A member becoming disabled while under age 65 as the direct result of the performance of duty is entitled to a benefit equal to $66-2 / 3 \%$ of his rate of compensation at the date of becoming eligible for this benefit.

Non-occupational death. (a) Upon death of a member while in service, from any cause other than occupational disabinity, his designated beneficiary or the estate of the menoions, together to receive a refund of his accumulated contribuns equal to $\$ 400.00$ with an amount for ean amount provided from State cone member. The payment $\$ 2,000,00$ State cont year of total service of the minimum amount of $\$ 8,000,00$ for for 5 contributions is subject to a minimumam of $\$$
20 years of of service or le
(b) A stal service or over.
and a State employee member retiring on or af 26,1966 , $r e-$ ceives teacher-member retiring on or after yay benefit but on year ives continued coverage for ordinary death for each full year onduced basis, reduced to the extent of $25 \%$ for of benefit on retirement, to a minimum of $25 \%$ of the amount not less than
offect for the member at date of retiremen 19
$\$ 1,000.00$. Members retired after Jul
${ }^{\text {a minimum of } \$ 2,000.00 \text {. }}$

## INTERCHANGE OF PENSION CREDIT

Any member of the system transferring from state sorvice to teaching service or to employment with a municipality covered by the Municipal Employees' Retirement System, or vice versa, may continue membership in the system covering the service to which a transfer is made by requesting a transfer of member contributions.

## PURCHASE OF PENSION CREDITS

(a) Out-of-state teaching. Teachers in the state with previous service in out-of-state schools may purchase pension credits or a cost of $10 \%$ of their salary at date of purchase.
(b) In-State private school teaching. The same conditions apply to this service as statod above。
(c) Military service. After 1 year of service in Rhode Island, any member may purchase credit for military service rendered prior to entry into membership, for a period not exceeding 4 years, at a cost of $10 \%$ of their first year's salary. The credit must be purchased within 2 years of military service discharge or July 1, 1972, whichever is earlier.
(d) Previous municipal or state service. Any member having such service for which no contributions were made may obtain credit therefor by making certain contributions under prescribed conditions.
(e) State agencies transferred to the federal government. Any State employee transferred to federal service during the period from January 1942 to November 1946, or who was employed by the National Remployment Service in the State from 1933 to 1937 , may acquire credit for this service under prescribed conditions.
(a) On July 1, 1949, the system wa
of the State schools and
towns of the State of Rhode in to State employees
(b) All provisions of the system relating Prior service credit apply with equal force to such teachers. priod prior to July 1. apply with equal force is cover to teachers cove is ext
1949.
(c) contributions for leaves of absence during any year may be (c) Contribur purpose of receiving pension credit under stated made for conditions, credited States, outside of this State, and in any schools of the school or institution not operated for profit, is
allowed, not exceeding a total of 5 years, upon payment of prescribed contributions, Such credit is available, however, only if the outside service was rendered more than 10 years before retirement.
(d) Effective July 1, 1962, any teacher may retire after 35 years of service regardiess of age.
(e) The minimum service retirement allowance in the case of a teacher having rendered at least 20 years of service is
f) A teacher having at least 20 assured of a minimum ordinary disabils of credited service is occupational) of $\$ 800.00$ per year.

## SUMMARY OF PROVISIONS FOR SURVIYOR FOR SCHOOL TEACHEOSN * BENEFITS

Beginning July
ndower, a dependeneficiaries of burvivore benefits are provided cer
Specifically, pendent parent of teachers, namely provided certhe beneficiaries under children under widow or under this provision age 18
(a) A widow who was married to the decotsed teacher an leas ane daughter, or legally adopted his son or daughter while married to him while such son or daughter them legally adopted was a child under age 18;
(b) A widower who was married to the teacher for not less than one year prior to the date of her death, is the father of her children, or legally adopted a child while married to her while the child was under age 18;
(c) A natural parent, a stepparent of the deceased member by (c) A naturaltracted before the member attained age 18, or an marriage contracted adopted the deceased teacher before the teacher attained age 18;
(d) Children including a stepchild who was in that capacity for at least one year before the death of the member, or an adopted child of the member regardless of length of adoption;
(e) former divorced wife who is the mother of his child or children, who legally adopted his child or children while married to him and while they were under age 18 , was married to the member at the time both of them legally adopted a child under age 18.

Widows' benefits. Payable during widowhood at age 62 or over of the widow, provided she was living with the husband at time of death. The amount of benefit payable is as follows:

| $\begin{gathered} \text { Last annual } \\ \text { salary } \\ \hline \end{gathered}$ | Monthly benefit | $\begin{aligned} & \text { Last annual } \\ & \text { salary } \\ & \hline \end{aligned}$ | Monthly benefit |
| :---: | :---: | :---: | :---: |
| \$1200 | \$ 48.70 | \$3600 | \$ 86.70 |
| 1800 | 60.30 | 4200 | 95.70 |
| 2400 | 69.30 | 4800 and |  |
| 3000 | 78.40 | over | 104.80 |

Benefits for annual salary not shown in this schedule must be determined by the retirement board.

Mother's benefit. Payable to a widow who is not entitled to a widow benefit provided (a) she has in a member entitled to child's benefits in her care a chilh the teacher-member at the time of his death, and (b) she has not remarried. The amount of benefit payable is as follows:

Widower's benefit. Payable to the widower of a deceased Widower's benerit. to a social security benefit from hisenefit. The rates if or greater than the amount of this
benefit are the payable to a dependent parent or parents Parent's benefit. Payable to a widow, widower or eligible of a teacher who did not leave attained age 65 and payable child surviving him, who had and is not entitled to a while the parent in from his own earnings equal to or social security benerint of this benefit. The rates of benefit greater than the amount of

## are the same

Refunds. Upon death of any member while in service leaving no dependents eligible to benefits, a refund is payable of his contributions towards this benefit, plus interest.

If a member leaves the service before retirement with 5 years If a member leaves he is entitied to a refund of his conof service or more, herpose. If service is less than 5 years, no refund is payable.
Social security. The survivors' annuity provisions described herein do not apply to teachers of any city or town who prior to July 1, 1963 elected coverage for its teachers under the federal social security act.

Financing. A survivor's benefit fund was created to which teachers make additional contributions equal to $1-1 / 2 \%$ of salary up to salary of $\$ 4,800$ per year which are to be matched equally by the cities and towns. The State of Rhode Island, through the Employees' Retirement Board, is designated as administrator of this program. The State assumes the cost of administration.

No member or dependents are eligible for benefits unless contributions had been made for at least 6 consecutive calendar months prior to death or retirement. However, any teacher who retired between April 21, 1962 and September 1, 1963 may become eligible for this program by contributing for at least 6 months $3 \%$ of salary based upon his last rate of salary, pron her makes written application to the retirement board on or before September 1, 1963.

MAE

| Age Group | Number <br> Annual <br> Salaries |  |
| :--- | ---: | ---: |
| Iess than 25 | 535 | $\$ 3,528,279$ |
| 25 to 29 incl. | 410 | $3,254,210$ |
| 30 to 34 incl. | 459 | $3,738,956$ |
| 35 to 39 incl. | 603 | $5,039,777$ |
| 40 to 44 incl. | 696 | $5,188,149$ |
| 45 to 49 incl. | 711 | $6,926,472$ |
| 50 to 54 incl. | 802 | $6,076,556$ |
| 55 to 59 incl. | 705 | $5,812,518$ |
| 60 to 64 incl. | 513 | $\$ 50,244,808$ |
| 65 and over | 6,255 |  |

TABLE 2. Number of STATE EMPLOYEES and Annual
Salaries - Classified by 5-year Age
Groups

## EEMAE

|  | Number | Annual <br> Salaries |
| :---: | :---: | :---: |
| Age Group |  | \$ 6,245,340 |
| Less than 25 | 1,239 |  |
|  | 313 | 2,411,418 |
| 25 to | 278 | 1,667,265 |
| 30 to 34 incl. |  | 2,388,591 |
| 35 to 39 incl. | 392 |  |
| 40 to 44 incl. | 601 | 3,734,781 |
|  | 812 | 4,906,310 |
| 45 to 49 incl. |  | 5,802,749 |
| 50 to 54 incl. | 904 | 5,802,74 |
| 55 to 59 incl. | 835 | 5,029,238 |
| 60 to 64 incl. | 518 | 3,495,040 |
| 65 and over | 303 | 2,225,026 |
| Totals | 6,195 | \$37,905,758 |

TABLE 3. $\begin{aligned} & \text { Number of STATE EMPLOYEES and Annual } \\ & \text { Salaries - Classified by 5-year } \\ & \text { Service Groups }\end{aligned}$

MALE

| Length of Service | Number | Annual Salaries |
| :---: | :---: | :---: |
| Less than 5 years | 2,131 | \$14,376,568 |
| 5 to 9 yrs. incl. | 1,592 | 12,399,661 |
| 10 to 14 yrs . incl. | 1,020 | 8,670,946 |
| 15 to 19 yrs. incl. | 719 | 6,356,728 |
| 20 to 24 yrs. incl. | 361 | 3,751,194 |
| 25 to 29 yrs. incl. | 260 | 2,451,743 |
| $30 \mathrm{yrs}$. and over | 172 | 2,237,968 |
| Totals | 6,255 | \$50,244,808 |

TABLE 5. Number of TEACHERSalaries -Classified by 5 - - year Annual
Groups

TABLE 4. Number of STATE EMPLOYEES and Annual Salaries - Classified by 5-year
Service Groups

| $\underline{\mathrm{F}} \mathrm{EM} \mathrm{A} \underline{\underline{E}}$ |  |  |
| :---: | :---: | :---: |
| Length of Service | Number | Annual <br> Salaries |
| Less than 5 years | 2,458 | \$13,144,591 |
| 5 to $9 \mathrm{yrs}$. incl. | 1,762 | 9,602,524 |
| 10 to 14 yrs . incl. | 842 | 5,737,924 |
| 15 to 19 yrs . incl. | 494 | 3.939,375 |
| 20 to 24 yrs. incl. | 293 | 2,456,554 |
| 25 to 29 yrs , incl. | 199 | 1,699,738 |
| 30 yrs , and over | 147 | 1,325,052 |
| Totals | 6,195 | \$37,905,758 |


| Annual <br> Salaries |
| :---: |
| $\$ 3,523,237$ |
| $6,388,135$ |
| $4,960,611$ |
| $5,588,187$ |
| $3,914,311$ |
| $3,139,321$ |
| $2,144,222$ |
| $2,339,202$ |
| $1,650,279$ |
| $1,006,854$ |
| $\$ 34,654,359$ |




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TABLE 8. Number of TEACHER-MEMBERS and Annual Salaries - Classified by 5-year Service Groups

## FEMELE

| Length of Service | Number | Annual <br> Salaries |
| :---: | :---: | :---: |
| Less than 5 years | 2,651 | \$21,664,664 |
| 5 to 9 yrs. incl. | 1,121 | 8,186,175 |
| 10 to 14 yrs . incl. | 995 | 8,244,579 |
| 15 to 19 yrs . incl. | 1,384 | 14,809,513 |
| 20 to 24 yrs. incl. | 72 | 743,074 |
| 25 to 29 yrs. incl. | 83 | 914,732 |
| 30 to 34 yrs , incl. | 80 | 1,094,409 |
| 35 to $39 \mathrm{yrs}$. incl. | 94 | 1,076,440 |
| 40 yrs . and over | 141 | 1,583,039 |
| Totals | 6,621 | \$58,316.625 |


[^0]:    1/ The State of Rhode Island and the
    equally in the financing of teachers' and towns share

