

of the

RETIREMENT BOARD

FISCAL YEAR ENDED JUNE 30, 1972

MEMBERS OF RETIREMENT BOARD

(as constituted June 30, 1972)

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. WILLIAM J. LAPPIN, Chairman, House Finance Committee

Appointed by the Governor

JOHN J. HUDSON

Representing Commissioner of Education

DR. WILLIAM P. ROBINSON
Associate Commissioner of Education
(Ex officio delegate)

Elected by Teachers

NORMAN R. BERGERON Cranston School Department

Representing Municipal Employees

RALPH D. CUCULO (Retired)

Representing Municipal Employers

PAUL E. BASSETT

* * * *

Administrative Staff

JOSEPH G. IANNELLI, Executive Director

JOHN F. SULLIVAN, Administrative Assistant

SARTO R. GAMACHE, Senior Accountant

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* * * * *

November 30, 1972

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

Sir

On behalf of the Retirement Board of the Employees' Retirement System of the State of Rhode Island, I submit herewith, for transmittal to the General Assembly, the FIFTEENTH ANNUAL REPORT on the operations of the Municipal Employees' Retirement System for the fiscal year ended June 30, 1972.

Respectfully submitted,

Raymond H. Hawksley, Chairman

Municipal Employees Retirement System of the State of Rhode Island

The Pifteenth Annual Report of the Retirement Board on the Municipal Employees. Retirement System of the State of Rhode Island is presented herewith. This report discloses the results of operations of the System for the fiscal year ended June 30.

PARTICIPATION

Twenty cities and towns, representing more than one-half of the eligible cities and towns of the State, were participants in the System at the close of the year. The participating Cities and Towns and the beginning dates of participation are as follows:

City or Town Barrington Bristol Burrillville Cranston East Greenwich East Providence Hopkinton Jamestown	Date of Participation July 1, 1957 July 1, 1957 July 1, 1968 July 1, 1963 July 1, 1967 July 1, 1961 July 1, 1969 July 1, 1964	City or Town North Kingstown North Providence North Smithfield Pawtucket Scituate Smithfield South Kingstown Tiverton	Date of Participation July 1, 1957 July 1, 1961 July 1, 1964 July 1, 1967 July 1, 1959 July 1, 1957 July 1, 1954
	July 1, 1964		July 1, 1964 July 1, 1957
Johnston Newport	July 1, 1968 July 1, 1966	Warren Woonsocket	July 1, 1962

Thirteen special governmental units have established pension coverage in this System for their employees. These special units and the effective dates of participation are:

and Imits	Date of Participation
Special United	
<u>Policemen and Firemen</u> Barrington Policemen & Firemen	July 1, 1970
East Greenwich Fire District	July 1, 1967
East Greenwich Policemen	July 1, 1968
North Kingstown Policemen & Firemen	July 1, 1968
North Providence Policemen	July 1, 1969
South Kingstown Policemen & Firemen	July 1, 1971
Warren Policemen	July 1, 1970

Housing Authorities	
Bristol Housing Authority	July 1, 1970
Cranston Housing Authority	July 1, 1968
Cumberland Housing Authority	July 1, 1969
East Providence Housing Authority	July 1, 1968
Lincoln Housing Authority	July 1, 1969
Pawtucket Housing Authority	July 1, 1968

Separate rates of contribution have been established for the several participating municipalities reflecting the characteristics of their individual memberships giving effect to the applicable retirement benefit rates. These rates of contributions are presented in the following table.

RATES OF CONTRIBUTION OF PARTICIPATING MUNICIPALITIES

Municipal Code No.	City or Town General Employees	Year of Entry	Plan-Rate of Pension Credit		of Employ tribution Current	
1 2 3 7 9	Barrington Bristol Burrillville Cranston East Greenwich	1957 1957 1968 1963 1957	2% 2 1-2/3 2 2	4.16% 3.61 6.19 4.98	8.38% 9.84 8.36 8.02 7.92	12.54% 13.45 8.36 14.21 12.90
10 14 15 16 21	East Providence Hopkinton Jamestown Johnston Newport	1961 1969 1 964 1968 1966	1-2/3 1-2/3 2 2 1-2/3	5.88 8.20 4.19 3.83 5.77	6.35 8.60 8.84 8.16 6.78	12.23 16.80 13.03 11.99 12.55
23 24 25 26 30	North Kingstown North Providence North Smithfield Pawtucket Scituate	1957 1961 1964 1962 1967	2 2 2 1-2/3 2	3.14 4.68 4.41 4.53 8.55	7.42 6.67 8.65 4.76 8.93	10.56 11.35 13.06 9.29 17.48
31 32 33 34 39	Smithfield South Kingstown Tiverton Warren Woonsocket	1959 1957 1964 1957 1962	2 2 1-2/3 1-2/3 1-2/3	2.86 1.50 6.88 5.66 7.90	7.10 8.23 6.08 7.17 5.03	9.96 9.73 12.96 12.83 12.93
	Housing Authorities	W. Late				
51 52 53 56 57 59	Cranston East Providence Pawtucket Cumberland Lincoln Bristol	1968 1968 1968 1969 1969	2 2 1-2/3 1-2/3 1-2/3	1.52 1.41 8.30 1.10 1.20 1.30	8.42 8.11 8.70 4.20 4.70	9.94 9.52 17.00 5.30 5.90
	Policemen & Firemen	1	Brook Wilner	1.50	8.40	9.70
50 54	East Greenwich Fire District East Greenwich	1967	2			14.00
55	Policemen North Kingstown Po-	1968	2			14.00
	North Providence	1968	2			14.00
60	Policemen Barrington Police-	1968	2			14.00
62	men & Firemen Warren Policemen	1970	2			
63	South Kingstown Po- licemen & Firemen		2			14.00
ese rates	are applied to the	1971	2			14.00

These rates are applied to the budgeted payroll for the year for the applicable employees. In this way, sufficient moneys will be provided these requirements consist of the accruing cost for current system. the annual amortization payment on the accrued liability.

1972 LEGISLATION

DEATH BENEFIT. A \$2,000.00 minimum death benefit payable upon death after retirement has been provided regardless of the date of retirement.

MILITARY SERVICE. Pension credit for approved military leaves of absence is limited, in the aggregate, to 4 years.

ACTUARIAL VALUATION

An annual actuarial valuation of the system was completed as of June 30, 1972. The purpose of such a valuation is to establish the financial status of the system. By this valuation, the progress of the system is measured. Effect is given to the accrued and accruing liabilities for the prescribed benefits. The results of this valuation are presented in the latter part of this report.

In this process, an analysis was made of the changes in the active membership among the several participating municipalities. In this analysis, account was taken of the additions to membership during the year under review and the separations from service due to resignation, death or retirement. The experience of the system with respect to members on retirement was also studied. In his report, the actuary points up the several factors that are basic in such a valuation and discusses briefly other problems of pertinence in the operation of the system.

An actuarial survey of the operating experience affecting each participating municipality is under way as a means of checking the adequacy of their contribution rates and evaluating operations to date.

FINANCIAL REVIEW

Net present assets of the system at June 30, 1972 amounted to \$18,466,550. These net assets are credited to certain specific reserves as required to give effect to the relevant provisions of law. The reserves are subject to periodic checks and analyses to determine their sufficiency in meeting the accrued pension liabilities under the prescribed benefit schedule.

Revenues and expenditures for the year were as follows:

Nembers' Contributions Employers' Contributions Investment Farmings Other [012] hevenues	\$1,311,014 2,416,577 850,040 18,782 \$4,596,413	# PIROLEM # PIROLEM #174,661 270,915 59,462 29,159 #534,217
Nomical Femaleus Survivor Sensions Survivor Sensions Survivor Sensions Ordinary Death Sensions Seria Retirement Allowance infunds Other Sotal Expenditures Net Additions to Reserves	\$1,025,623 73,750 110,783 219,218 229,234 \$1,658,658	* 18,919 13,520 1,500 14,332 * 48,271

THE PROPERTY OF	NET ADDITIONS TO RESE	22120
	\$ 2,787 867,184	163,743
Inclaimet Benefits Nemiera' Contributions Employers' Accumulations	233,525 1,834,259	- 50,193 _372,396
hetirement keserve	\$2,937,755	\$485,946
<u>locals</u>		

The additions to the reserves are to provide for the accruing pension credits resulting from additional service rendered by the employees.

Net revenues for the year were credited to the appropriate reserve accounts to meet future maturing obligations.

Reserves at June 30, 1972 Members' contributions Employers' contributions Retirement reserve Total	\$ 5,785,041.82 990,626.20 11,690,882.15 \$18,466,550.17
Reserves at June 30, 1971 Rembers' contributions Employers' contributions Retirement reserve Total	\$ 4,754,115,12 807,294.58 9,484,226,86 \$15,045,636.56
Increase in reserves for the year	3,420,913.61

INVESTMENTS

Investments at the close of the year amounted to \$18,222,590.00. Investments are carried at amortized book value for bonds which give effect to the income yield for the life of the bonds and at cost for stocks. The rate of investment income for the year on average investments was 5.55%. This is a satisfactory rate of return on high quality bonds and stocks such as those that comprise the investment account.

Investment income constitutes one of the three major sources of revenue for the retirement system. For the 1972 fiscal year, such income was equal to 17.7% of total revenues. This rate should increase with continued operations of the system.

salv. 1. 1971	\$14,966,653
Total Investments at July 1, 1971	7.829.255
Acquisitions during the year	\$22,795,908
Total	4.573.318
Total Less, redemptions and sales during the year TOTAL INVESTMENTS AT JUNE 30, 1972	\$18,222,590
TOTAL INVESTMENTS AT	

The following is a summary of total investments at June 30, 1972 with the amounts at the end of the preceding fiscal year given for comparison:

	June 30 Par value	1972	Par value	1971
	for bonds and cost for stocks	Per cent of total	for bonds and cost for stocks	Per cent
U. S. Government	\$ 1,575,000	8.6%	\$ 1,675,000	11.2%
Commercial Paper		0.0	800,000	5.3
Federal Land Bank	465,000	2.5	465,000	3.1
FNMA Certificates	300,000	1.7	300,000	2.0
Railroad	250,000	1.4	250,000	1.7
Public Utility Bonds	6,716,000	36.9	5,466,000	36.5
Other Corporate Bonds	2,190,400	12.0	1,940,400	13.0
Bank Stocks	485,344	2.7	305,873	2.0
Other Common Stocks	6,240,846	34.2	3,764,380	25.2
Totals	\$18,222,590	100.0%	\$14,966,653	100.0%

In the foregoing exhibit bond investments are shown at par value. Equity investments are valued at their cost. At June 30, 1972, the market value of equity investments was 7-1/2% above their original cost.

CONCLUSION

The financial condition of the system is satisfactory and is improving steadily with continued operations. A measure of relative financial stability and security has been established.

The policies of the Board are geared to progressive standards directed towards the efficient operation of the system to meet its stated objectives to the satisfaction of the participating cities and towns and the contributing members.

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

RAYMOND H. HAWKSLEY, Chairman

KEVIN K. COLEMAN

ALBERT B. WEST

HON. FRANCIS P. SMITH

HON. WILLIAM J. LAPPIN

JOHN J. HUDSON

DR. WILLIAM P. ROBINSON

NORMAN R. BERGERON

PAUL E. BASSETT

RALPH D. CUCULO

JOSEPH G. IANNELLI Executive Secretary

REPORT OF THE ACTUARY

The results of an actuarial valuation of the System as of June 30, 1972 are presented herewith. The benefit and contribution proving sions forming the basis of this valuation are summarized in the appendix. The several assumptions of the actuarial factors appendix. The several assumptions of the actuarial factors

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

Age	Rate per 1,000		
20	182		
25	167		
30	121		
35	92		
35 40	63		
45	48		
50	22		
50 55	10		
0 and over	Mortality only		

- 4. Future salary increments: Assumed at an annual rate of 4%
- 5. Age at retirement: Average of 62 years
- 6. <u>Disability rates</u>: Class (1) rates of disablement from the Society of Actuaries 1952 Intercompany study were used. It was assumed that $12\frac{1}{2}\%$ of all disablements would occur in line of duty
- 7. Marital status:

 85% of employees in service were assumed to be married with the average of the wives 4 years younger than the employees;

 75% of the employees retiring on pension are married
- 8. Administrative expense: No provision

MEMBERSHIP STATISTICS

Code Refer- ence	City or Town	Number of Active Members	Number Pension		Total Membership
1	Barrington	104	18	5	127
2	Bristol	102	11	3	116
3	Burrillville	65			65
7	Cranston	500	79	48	627
9	East Greenwich	73	2	3	78
10	East Providence	272	55	11	338
14	Hopkinton	12	5		17
15	Jamestown	41	4	ı	46
16	Johnston	182	3	ı	186
21	Newport	287	35	5	327
23	North Kingstown	155	16	6	177
24	North Providence	81	21	3	105
25	North Smithfield	60	7	2	69
26	Pawtucket	697	116	32	845
30	Scituate	66	10	ı	77
31	Smithfield	109	5		114
32	South Kingstown	102	3	3	108
33	Tiverton	75	10	1	86
34	Warren	62	13	1	76
39	Woonsocket	273	56	9	338

co	de rown	Number of Active Members	Male	r of oners Female	Total Membershi
Re	de fer- ce <u>City or Town</u>	SPECIAL UNITS			
9	60 East Greenwich Fire District	6			6
5	amonston Housing	14			14
5	Browidence	10			10
53	- tucket Housing	33	6		39
54	greenwich	19	3		22
55	North Kingstown Policemen and Firemen	65	5		70
56	Cumberland Housing Authority	3			3
57	Lincoln Housing Authority	4			4
58	North Providence Policemen	29	2		31
59	Bristol Housing Authority	4			4
60	Barrington Policemen	n 56	4		60
62	Warren Police	17			17
63	South Kingstown Policemen and				
	Firemen	23		_==	23
	Totals	3,601	489	135	4,225

The pension roll at the close of the year and a valuation thereof was as follows:

	Male	Female
Number on pension roll	489	135
Proportion of total	78.4%	21.6%
Annual payments	\$ 927,465.00	\$ 241,380.00
Average annual payment	\$ 1,896.00	¥ 1,787.00
Average age	66.9	66.0
Actuarial reserve requirements	\$8,517,414.00	\$2,362,076.00

The total actuarial reserve requirements on pensioners at June 30, 1972 amounted to \$10,879,490. This compares with the balance in the "Retirement Reserve" at that date of \$11,690,882.00. This is indicative of relative financial stability with respect to the retirement benefits in force according to the standards used in this valuation.

OBLIGATIONS OF MUNICIPALITIES

Under the retirement law, the cities and towns and the several special governmental units participating in the system have assumed the pension obligations on account of their employees who are members of the System as follows: (a) the accrued liability for service rendered by the members prior to the effective dates of participation designated as "prior service"; and (b) the accruing cost for future service commonly referred to as the

"mormel cost". Thus, employees received a free pension credit

each numicipality was determined at the time of participation for the previous service remdered by their employees. A prior service constribution rate was fixed, as required by law, as a percentage of payroll, at a rate deemed sufficient to amortize the total accrued liability over a period of 25 years from the effective dates of participation of the particular numicipality. The period of 25 years for amortization purposes was fixed in order that, on the average, the prior service or accrued liability would be amortized by the time all employees retired from service.

Coursett service. Normal cost was calculated upon the basis of total membership giving full effect to the age and service characteristics of the employees. This rate was determined as a percentage of payroll. The rate is to be applied by each number paintly to the current payroll of the employees particitating in the system in arriving at the amount of its contributions for such service, additional to the arrowal amortization repress on account of the account of the account of the system.

hid model accorded limitality. The prior service and current service contribution rates are presented in the preceding pages of this report. The following statement shows, for the several participating municipalities and special units, the unfunded accorded limitally at lune 30, 1972. This limitality in the case

of each participating entity represents the amounts owing to the system for prior service and for deficiencies in current service contributions. These deficiencies may also be due to the variances between the established contribution rates for such service reflecting actuarial assumptions and the actual operating experience of the municipality. A part thereof may have occurred as a result of a liberalization of the benefit schedule as, for example, an increase in the rate of pension credit from 1-2/3% to 2% per year of service.

	-		
, item	Year of entr	y <u>Plan</u>	Unfunded Accrued Liability
Code Municipality General Employees	1957 1968 1963 1957 1961 1969 1964 1966 1957 1961 1964 1962 1967 1959 1957 1957 1957	2% 2 1-2/3 2 1-2/3 2 1-2/3 2 2 1-2/3 2 2 1-2/3 2 1-2/3 2	\$ 198.096 112.331 213.418 1.547.7126 118.036 552.823 98.419 121.436 331.556 992.245 196.912 2.411.905 346.727 65.366 39.727 245.282
Housing Authorities	1968	2	1,078,774
51 Cranston Housing Authority 52 East Providence Housing Authority 53 Pawtucket Housing Authority 54 Cumberland Housing Authority 55 Lincoln Housing Authority 56 Bristol Housing Authority 57 Policemen & Firemen	1968 1968 1969 1969 1970	2 1-2/3 1-2/3 1-2/3 2	43.332 38.781 210.071 8.833 9.311 8.017
50 East Greenwich Pire District 54 East Greenwich Policemen 55 North Kingstown Policemen &	1967 1968	2 2	23,782 45,073
Firemen North Providence Policemen Barrington Policemen & Firemen Warren Policemen South Kingstown Policemen & Firemen	1968 1968 1970 1970	2 2 2 2	175,787 68,381 72,863 27,532
Total	1971	2	68,282
		\$1	0,079,490

Note. The aforesaid liabilities are subject to continuous verification by a review of the operating experience of each participating tirement system.

RESERVE ACCOUNTS

The reserve accounts maintained by the system are designed to record the pension credits established, respectively, for active members and pensioners being financed by contributions by the members and by the participating cities and towns.

These reserves make it possible to evaluate more closely the progress of the system in the accumulation of assets to meet the accrued and accruing liabilities for the benefits that will ultimately become payable to members who qualify for retirement.

In the case of several cities and towns, a negative balance exists in the "Employers' Contribution Reserve". This has resulted principally from the retirement of aged employees shortly after the commencement of participation in the system in the case of the applicable city or town. Eventually, with additional revenues resulting from continued operations of the system, these negative balances will be removed.

CONCLUSION

The results reported herewith reflect satisfactory progress in the operation of the system. Management and administrative policies of the Retirement Board are in accord with sound and constructive methods of procedure with the principal aim of effectuating fully the objectives and purposes of the retirement system.

The policies of the Soard in the investment of the system's assets are to maximize the total return on investments over the long run consistent with high standards of quality and protected long run consistent with high standards of quality and protected injudgment within the established investment limitations. Its afforts also are continuously directed towards improvement in administrative procedures to the end that a full measure of service will be provided for the members and the participating municipalities in the operations of the system.

A. A. Weinberg Actuary

FINANCIAL STATEMENTS

- 1. Financial Balance Sheet
- 2. Statement of Revenues & Expenditures
- 3. Statement of Cash Receipts & Disbursements
- 4. Statement of Investment Earnings
- Comparative Statement of Net Investment Income
- 6. Statement of Reserve Allocations
- 7. Statement of Reserve Allocations by Cities and Towns
- 8. Summary of Investments
- 9. Listing of Investments Owned
- 10. Investments Acquired During the Year
- 11. Investments Disposed of During the Year
- 12. Summary of Investment Account by Type of Investment

FINANCIAL BALANCE SHEET JUNE 30, 1972

ASSETS		*	201 821 49 236 002 63
Cash Accounts Receivable Accounts Interest Receivable	\$1 8,222,590.01		236.002.41
Investments Less Unamortized Premiums and Discounts (Net)	189,948.07	,	
Net Investments			,032,641.94
		\$18	473.611.47
Total Assets		-	
RESERVES AND LIABILITIES			
Unclaimed Benefits		\$	7.061.30
General Employees -			
Members Contribution Reserve	\$ 5,163,373.49		
Employers' Accumulation Reserve	972,198.13		
Retirement Reserve	10,991,906.59		
Police & Fire Plan -			
Members' Contribution	(0) ((0)		
Reserve Employers' Accumulation	621,668.33		
Reserve Retirement Reserve	18,428.07		
	698,975.56		
Total Reserves		18,4	66,550.17
Total Liabilities & Reserves		\$18,4	73,611.47

STATEMENT OF REVENUES AND EXPENDITURES FISCAL YEAR ENDED JUNE 30, 1922

	- I AGUAL IEAR ENDE	JES AND EXPENDITURE	88
	REVENUES	10 00HB 301 1972	to the same of the
	<u>Contributiona</u> - Membera Employera	\$1,311,014.13 2,416,577.04	
3	Policemen & Firemen - Members Employers	174,661,22 270,914,58	R4 123 166 02
1	Investments - Interest & Dividends Capital Gain or Loss	\$ 912.332.64 (2.810.73)	\$4,173,166.97
	Miscellaneous - Unclaimed Benefits Miscellaneous Refunds Interest on Services	\$ 2,212.50 574.88	909,521.91
	Interest on Service Purchases Transferred from State Total Revenues	9,589.07 6,405.12	18,781.57
	EXPENDITURES :		\$5,101,470.45
	Benefits -		
	General Employees Fensions \$1,025,622.88 Ordinary Death Benefits 73,750.00 Death Retirement Allowances 110,783.03 Policemen & Firemen Fensions 18,919.17 Survivor Benefits 13,520.36 Ordinary Death Benefits 1,500.00 Refunds of Contributions General Employees	\$1,244,095.44	
	Members Municipalities Policemen & Firemen Members Employers Investment Expense Postage & Insurance Miscellaneous: Transferred to State	233,549,52 8,35	
1	Excess of Revenues over Expenditures Transferred to Reserves	200,116.15	\$1,677,769.46
			\$3,423,700.99
100			

-22-	- CRUPS EMENTS
PECEIPTS AND	0. 1972
-22- STATEMENT OF CASH RECEIPTS AND JUNE 3	\$ 103,184 _{.03}
PATANCE JULY 1, 197	
Investments Investments Investment Earnings Investment on Invest Discounts on Invest ments Furchased ments or Loss on Sales (2,810.73) ments russ on Sales (2,810.73)	429,226.94
General Employees \$1,311.014.13 Members	73,166.97
Employers Miscellaneous Misc. Refunds Wisc. Refunds Unclaimed Benefits Unclaimed Service Misc. Refunds Misc. Refunds	9,621,175,48 \$9,724,359,51
DISBURSEMENTS: Investments - \$7,829,255.79 Purchases 7,221.64 Accrued Interest 8,291.13	4,776.91
Benefits - General Employees - Fensions \$1,025,622.88 Ordinary Death 73,750.00 Death Retirement Allowances 110,783.03 1,21	0,155.91
Refunds of Contributions -	3,939.53
Miscellaneous	3,549.52
Transferred to State	,116.15
CASH BALANCE JUNE 30, 1972	\$9,522,538.02
201 17/6	\$ 201,821.49

STATEMENT OF INVESTMENT EARNINGS FISCAL YEAR ENDED JUNE 30, 1972

Interest and Dividends		\$839,851.83
Add:		
Accrued Interest June 30, 1972	\$236,002.41	
Accrued Interest July 1, 1971	194,029.04	
	\$ 41,973.37	
Discounts Amortized	40,546.19	
Total Addition		82,519.56
<u>Total</u>		\$922,371.39
		Ψ/~~•//1•//
Less:		
Accrued Interest Purchased	\$ 7,876.50	*
Premiums Amortized		
Total Deductions	2,162,25	
Investment Income for the Year		10,038.75
income for the Year		\$912,332.64

	Receipts over	ents: Interest on es on Furchases di Insurance ses	PISCAL YEARS THE PROPERTY AND DIVIDENDS Unts on Purchases Al Gain or Loss Al Receipts	COMPARATIVE STATEMENT OF CASH RECEIP STATEMENT OF CASH RECEIP
	\$ 15,521,12 \$843,532,62		\$839,851.83 22,012.64 (2,810.73) \$859,053.74	COMPARATIVE STATEMENT OF NET INVESTMENT INCOME COMPARATIVE STATEMENT OF CASH RECEIPTS AND DISBURSEMENTS STATEMENT OF CASH RECEIPTS AND JUNE 30, 197
	\$ 8,389,36 \$688,338,81	\$ 2,837.51 5,525.00 26.85	Chicago Control of the Control of th	
Reserve Balances July 1, 1971 Receipts: From Members From Employers	General Employees \$4,296,189.88 \$	Police General & Fire Employees	Police General Employees 93 \$ 68,621.25 \$9,157,647	Police & Fire
Transfers from Members' Reserve Employers' Reserve Inter-Fund Transf Trans. from State Interest on Purch Investment Income	rve Ters 1,013.56 6,114.49	29,882.31 290.63 \$2,416.577.04	235,023.31 1,876,020.95 9,589.07 850,031.37	26,147.95 319,205.89 59,482,19
Total Revenues Total Available	#5.614.332.06	94,834.16 \$3,155,250.37 2,759.4 0	\$270,914.58	\$404.836.03 \$731.415.09
Expenditures: Fension Benefits Survivor Benefits Ordinary Death Death Retirement Allowances Refunds Transfers: To State	8,677.50	73,750.00 ,929.56 41.842.64 191,438.65 .147.95 1,876,020.95	\$1,025,622.88 1,500.00 110,783.03 401.87	\$ 18,919.17 13,520.36
To Retirement Reserves Inter-Fund Outal Expenditures β	25,002.01 1	013.56	\$321,107.76 \$1,136,405.91 18,428.07 10,991,906.59	\$ 32,439.53 \$698,975.56
gaerveo, Balanges * *	11031313111			

Access of Cash Receipts over Disbursements for the Year

Postage and Insurance on Furchases Fremiums on Purchases

Total Disbursements

Disbursements

Receipts:

Capital Gain or Loss Discounts on Purchases Interest and Dividends

Total Receipts

Accrued Interest on Furchases

-25-

BINDMINE OF INVENTED

SAST "OF HAND OR EAST "E ATTO WORLS

Setul investments July 1, 1971

414,966,653,05

Preseury bonds

7, 829, 235, 79

purchases during the year

#22, 795, 908, B4

Potal United States of America

22222 1111

25/89-94 25/89-94 25/89-94

4,573,318,83

\$18,888,590,01

TOTAL INVESTMENTS AT JUNE 30, 1978

Hedemptions and makes during the year

SANVE CUVI TVHECHA HATEMA

rederal Land Banks rederal Land Banks

Tetal rederal Land bank bends

151515 13/16 13

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200,000 98,000 98,000 55,000 64,000 64,000 100,000 100,000 100,000	# 18c,000 000,000 000,000 000,000	000°972.°9 \$ 000°972.000 000°92.000 000°92.000 000°92.000	man '52. man 'maz man 'maz man 'maz man 'maz mar' 22. mar' 22. mar' 22.	Value Value 75,000 25,000 25,000

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	Rate of Interes	t <u>Maturity</u>		Carrying Value
DESCRIPTION OTHER CORPORATE BONDS - continu Pfizer Inc. R. C. A. Sears, Roebuck & Co. Shell Oil Co. Standard Oil of New Jersey United States Steel Corp. Xerox Corp. Total Other Corporate Bonds	5-3/4 2-3/4 4-1/2	2/15/97 8/ 1/91 8/ 1/83 3/15/92 7/15/94 4/15/86 11/ 1/95		50,000 100,000 200,000 200,000 100,000 100,000 400 2,190,400
BANK STOCKS		Number of Shares 880 2,500	-	
Bank of America B. T. New York Corp. Chase Manhattan Bank First National Bank of Boston First National City Bank of New Morgan Guaranty Trust Company of New York	York f	2,500 750 500 2,600 260 3,000		42,802 24,521 98,619
Western Bank Officers Total Bank Stocks			ф —	104,128 485,344
American Express American Tel. & Tel. Detroit Edison Northern Illinois Pitney Bowes R. C. A. Woolworth		650 1,000 2,000 80 1,000 900 1,000	\$	44,598 54,500 175,945 3,483 46,938 76,729 57,462
Total Corporate Stock - Preferr	red		\$	459,655
CORPORATE STOCKS - COMMON				
American Cyanamid American Electric Power American Telephone & Telegraph Co. Becton Dickinson	1	3,000 5,500 3,000 1,000	\$	98,977 175,784 154,354 41,410

Boise Cascade Burroughs Corp. Central & Southwest Co.	<u>Description</u>	Number of	Carrying
Borse Cascade Burroughs Corp. Central Illinois Light Co. 300 46,756 Commonwealth Edison Co. 3,850 105,604 Commonwealth Edison Co. 1,000 133,689 Consumers Power Co. 1,000 59,584 Dow Chemical 6,493 138,711 Eastman Kodak Co. 800 128,305 Florida Power & Light Co. 800 93,005 Florida Power & Light Co. 1,000 76,313 General Electric Company 5,000 299,101 General Foods Corporation 2,400 299,101 General Motors Corporation 2,400 103,144 General Motors Corporation 2,400 103,144 General Public Utilities Corp. 1,500 111,968 Gulf State 4,000 106,537 International Business Machines Corp. International Nickel Corp. International Paper Company 4,000 143,922 Liberty National Insurance 3,000 90,311 Mindels South Utilities 1,000 90,311 Morthern States Power Co. 2,850 84,305 Penney, J. C. Co. Co. 2,850 84,305 Fenney, J. C. Co. 2,850 128,055 Fenney, J. C. Co. 2,850 84,305 Fenney, J. C. Co. 2,850 128,055 Fenn	CORPORATE STOCKS - COMMON - CONT.	Shares	
Burroughs Corp.	Boise Cascade		
Central Illinois Light Co. Central & Southwest Central & Southwest Commonwealth Edison Co. Commonwealth Edison Co. Commonwealth Edison Co. Consumers Power Co. Delmarva Power Dow Chemical E. I. DuPont DeNemours Eastman Kodak Co. Florida Power & Light Co. General Electric Company General Fodds Corporation General Motors Corporation General Motors Corporation Coulf State Honeywell Inc. International Business Machines Corp. International Nickel Corp. International Nickel Corp. Middle South Utilities Monsanto Chemical Northern States Power Co. Penmey, J. C. Co. Chas. Pfizer Co. Phillips Petroleum Company Standard Oil Company of New Jersey Standard Oil Company of Indiana Texas Utilities Transamerico Corp. Union Carbide Corp. Value Company Standard Oil Company of New Jersey U. S. Fidelity & Guaranty Co. U. S. Fidelity A G	Burroughs Corn	4 04 0	
Commonwealth Edison Co. 3,000 105,604 Connecticut General Ins. 4,000 133,689 Consumers Power Co. 1,000 150,114 Delmarva Power Edight Co. 59,584 Dow Chemical 6,493 128,701 E. I. DuPont Denemours 1,500 128,305 Eastman Kodak Co. 800 93,005 Florida Power & Light Co. 800 93,005 General Electric Company 5,000 299,101 General Foods Corporation 2,400 103,144 General Motors Corporation 2,400 103,144 General Public Utilities Corp. 1,500 111,968 Gulf State 4,000 111,968 Honeywell Inc. 1,500 165,375 International Business Machines Corp. 1,000 87,572 International Nickel Corp. 500 102,709 International Paper Company 4,000 143,922 Liberty National Insurance 4,000 139,056 Morck & Co. 3,000 93,311 Middle South Utilities 1,000 102,322 Minnesota Mining & Mfg. 4,000 12,322 Minnesota Mining & Mfg. 4,000 93,390 Monsanto Chemical 1,000 12,322 Northern States Power Co. 2,850 84,305 Chas. Pfizer Co. 1,000 22,921 Phillips Petroleum Company 4,000 167,547 Polaroid Corp. 2,100 61,716 Southern Company 4,000 174,348 Squibb Beechnut 3,200 111,879 Standard Oil Company of New Jersey 2,000 126,552 Standard Oil Company of Indiana 1,800 84,439 Texas Utilities 3,500 115,497 Union Carbide Corp. 4,000 76,029 Union Electric Co. 1,000 76,029	Central Illinois Light		\$ 155.243
Commonwealth Edison Co. Connecticut General Ins. Consumers Power Co. Delmarva Power Dow Chemical E. I. DuPont DeNemours Eastman Kodak Co. Florida Power & Light Co. General Electric Company General Flectric Company General Motors Corporation General Motors Corporation General Public Utilities Corp. International Business Machines Corp. International Nickel Corp. International Nickel Corp. International Insurance Merck & Co. Middle South Utilities Minnesota Mining & Mfg. Minnesota Mining & Mfg. Monsanto Chemical Northern States Power Co. Penmey, J. C. Co. Chas. Pfizer Co. Phillips Petroleum Company Polaroid Corp. Proctor & Gamble G. D. Searl Standard Oil Company of Indiana Texas Utilities Texas		300	
Consumers Power Co. 1,000 150,114 Delmarva Power Go. 1,000 150,114 Delmarva Power Go. 1,000 159,584 Dow Chemical 6,493 138,711 Eastman Kodak Co. 800 128,305 Electric Company 5,000 76,313 General Electric Company 5,000 299,101 General Floods Corporation 2,400 299,101 General Floods Corporation 2,400 103,144 General Motors Corporation 2,000 76,188 Gulf State 4,000 111,968 Gulf State 4,000 116,537 International Business Machines Corp. 500 102,709 International Nickel Corp. 1,000 87,572 International Nickel Corp. 1,000 143,922 Liberty National Insurance 4,000 139,056 Merck & Co. 3,000 90,311 Middle South Utilities 1,000 12,322 Minnesota Mining & Mfg. 4,000 90,311 Northern States Power Co. 2,850 84,305 Chas. Pfizer Co. 1,000 22,921 Polaroid Corp. 700 174,348 Squibb Beechnut Company 2,100 60,698 G. D. Searl 1,000 12,709 Froctor & Gamble 600 60,698 G. D. Searl 1,000 174,348 Squibb Beechnut Company 6 Indiana 1,800 138,291 Texas Utilities 3,500 119,619 Transamerico Corp. 1,000 76,029 Union Carbide Corp. 1,000 176,497 Tourness Utilities 3,500 119,619 Transamerico Corp. 1,000 76,029 Union Electric Co. 1,000 76,029 Union Electric Co. 1,000 76,029 Union Electric Co. 1,000 188,193 U. S. Fidelity & Guaranty Co. 5,000 102,035	Commonwealth Edison or	3,850	
Delmarva Power Co. 1,000 59,584 Dow Chemical 5,000 162,600 E. I. DuPont DeNemours 1,500 138,711 Eastman Kodak Co. 800 76,313 General Electric Company 5,000 299,101 General Foods Corporation 2,400 299,101 General Motors Corporation 2,000 76,313 General Public Utilities Corp. 1,500 111,968 Gulf State 4,000 106,537 Honeywell Inc. 3,000 65,355 International Business Machines Corp. 500 102,709 International Paper Company 4,000 103,722 International Paper Company 4,000 123,922 Liberty National Insurance 4,000 139,056 Merck & Co. 3,000 90,311 Middle South Utilities 1,000 102,322 Minnesota Mining & Mfg. 4,000 93,390 Monsanto Chemical 1,000 102,322 Monsanto Chemical 1,000 102,322 Penmey, J. C. Co. 2,850 84,305 Chas. Pfizer Co. 1,000 22,921 Phillips Petroleum Company 4,000 128,095 Permey, J. C. Co. 2,850 84,305 Chas. Pfizer Co. 1,000 22,921 Phillips Petroleum Company 2,100 54,955 Froctor & Gamble 600 60,698 G. D. Searl 1,000 138,291 Standard Oil Company of New Jersey 2,000 174,348 Squibb Beechnut 3,200 111,879 Standard Oil Company of New Jersey 2,000 175,497 Standard Oil Company of Indiana 1,800 138,291 Texas Utilities 3,500 119,619 Texas Utilities 3,500 119,619 Texas Utilities 3,500 115,497 Union Carbide Corp. 4,000 76,029 Union Electric Co. 4,300 102,035	Connecticut General	9،000 -	
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Dow Chemical E. I. DuPont DeNemours E. I. DuPont DeNemours Eastman Kodak Co. Florida Power & Light Co. General Electric Company General Foods Corporation General Motors Corporation General Public Utilities Corp. International Business Machines Corp. International Paper Company Liberty National Insurance Merck & Co. Middle South Utilities Minnesota Mining & Mfg. Minnesota Mining & Mfg. Morshern States Power Co. Penmey, J. C. Co. Chas. Pfizer Co. Phillips Petroleum Company Froctor & Gamble G. D. Searl Squib Beechnut Squib Beechnut Squib Beechnut Squib Beechnut Squib Beechnut Squib Corp. Florida Power & Light Co. Florida Power & Lo. Florida Power & Lo. Florida Po	Delmarva Power	1,000	59.584
E. I. DuPont DeNemours Eastman Kodak Co. Solo 128,305 Florida Power & Light Co. General Electric Company General Foods Corporation General Motors Corporation General Motors Corporation Ceneral Motors Corporation Ceneral Motors Corporation Ceneral Public Utilities Corp. Gulf State Honeywell Inc. International Business Machines Corp. International Nickel Corp. International Nickel Corp. International Paper Company Liberty National Insurance Middle South Utilities Middle South Utilities Minnesota Mining & Mfg. Minnesota Mining & Mfg. Monsanto Chemical Northern States Power Co. Penmey, J. C. Co. Chas. Pfizer Co. Phillips Petroleum Company Polaroid Corp. Proctor & Gamble G. D. Searl Squibb Beechnut Standard Oil Company of New Jersey Standard Oil Company of Indiana Texas Utilities Transamerico Corp. Union Carbide Corp. Union Electric Co. Un			162,600
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Florida Power & Light Co.	Fastman Kodak Co		128,305
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Gulf State Honeywell Inc. International Business Machines Corp. International Nickel Corp. International Paper Company Liberty National Insurance Merck & Co. Merck & Co. Middle South Utilities Minnesota Mining & Mfg. Monsanto Chemical Northern States Power Co. Chas. Pfizer Co. Phillips Petroleum Company Polaroid Corp. Proctor & Gamble G. D. Searl Standard Oil Company of New Jersey Standard Oil Company of Indiana Texas Utilities Tinoo 111,968 4,000 106,537 3,000 102,709 102,709 102,709 104,392 105,390 102,709 102,709 102,709 102,709 102,709 102,709 102,709 102,709 103,900 102,322 1000 102,333 1000 102,335 1000 102,035 1000 102,035		2,000	76.188
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Liberty National Insurance 4,000 143,922 139,056 Merck & Co. 3,000 90,311 Middle South Utilities 1,000 102,322 Minnesota Mining & Mfg. 4,000 93,390 Monsanto Chemical 1,000 128,095 Penney, J. C. Co. 2,850 84,305 Chas. Pfizer Co. 1,000 22,921 Phillips Petroleum Company 4,000 167,547 Polaroid Corp. 2,100 54,955 Proctor & Gamble 600 60,698 G. D. Searl 1,000 61,716 Southern Company 2,500 174,348 Squibb Beechnut 3,200 111,879 Standard Oil Company of New Jersey 2,000 128,291 Texaco, Inc. 1,800 84,439 Texas Utilities 3,500 119,619 Transamerico Corp. 4,000 115,497 Union Carbide Corp. 4,000 76,029 Union Electric Co. 4,300 188,193 U. S. Fidelity & Guaranty Co.	International Nickel Corp.	500	102,709
Merck & Co. Middle South Utilities Minnesota Mining & Mfg. Minnesota Mining & Mfg. Monsanto Chemical Northern States Power Co. Penney, J. C. Co. Chas. Pfizer Co. Phillips Petroleum Company Polaroid Corp. Proctor & Gamble G. D. Searl Southern Company Standard Oil of California Standard Oil Company of New Jersey Standard Oil Company of Indiana Texaco, Inc. Texas Utilities Transamerico Corp. Union Electric Co. 1,000 139,056 90,311 1000 93,390 144,912 Northern States Power Co. 2,850 84,005 84,005 84,005 84,005 84,005 84,955 860 600 60.698 61,716 61,716 72,000 111,879 73,000 112,552 74,000 113,291 114,619 115,497 Union Carbide Corp. Union Electric Co. 4,300 188,193 102,035		4,000	143 022
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Minnesota Mining & Mfg. 4,000 93,390 Monsanto Chemical 1,000 144,912 Northern States Power Co. 2,850 84,305 Penmey, J. C. Co. 2,850 84,305 Chas. Pfizer Co. 1,000 22,921 Phillips Petroleum Company 4,000 167,547 Polaroid Corp. 2,100 54,955 Proctor & Gamble 600 60,698 G. D. Searl 1,000 61,716 Southern Company 2,500 174,348 Squibb Beechnut 3,200 111,879 Standard Oil of California 2,000 142,513 Standard Oil Company of New Jersey 2,000 17,552 Standard Oil Company of Indiana 1,800 84,439 Texaco, Inc. 2,000 115,497 Union Carbide Corp. 4,000 76,029 Union Electric Co. 4,300 188,193 U. S. Fidelity & Guaranty Co. 5,000 102,035	Middle South Utilities	1.000	102 222
Morsanto Chemical 1,000 144,912 Northern States Power Co. 2,850 84,305 Penmey, J. C. Co. 2,850 84,305 Chas. Pfizer Co. 1,000 22,921 Phillips Petroleum Company 4,000 167,547 Polaroid Corp. 2,100 54,955 Proctor & Gamble 600 60,698 G. D. Searl 1,000 61,716 Southern Company 2,500 174,348 Squibb Beechnut 3,200 111,879 Standard Oil of California 2,000 142,513 Standard Oil Company of New Jersey 2,000 117,552 Standard Oil Company of Indiana 1,800 84,439 Texaso, Inc. 2,000 115,497 Union Carbide Corp. 4,000 76,029 Union Electric Co. 4,300 188,193 U. S. Fidelity & Guaranty Co. 5,000 102,035	Minnesota Mining & Mfg		03,300
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Froctor & Gamble G. D. Searl Southern Company Squibb Beechnut Standard Oil of California Standard Oil Company of New Jersey Standard Oil Company of Indiana Texaco, Inc. Texas Utilities Transamerico Corp. Union Electric Co. U. S. Fidelity & Guaranty Co. 600 54,955 600 60,698 600 61,716 62,500 174,348 2,000 111,879 112,513 2,000 117,552 2,000 117,552 119,619 115,497 4,000 76,029 Union Electric Co. 4,300 188,193 102,035	Philling Petnoleum a	4,000	22,921
Froctor & Gamble 600 60,698 G. D. Searl 1,000 61,716 Southern Company 2,500 174,348 Squibb Beechnut 3,200 111,879 Standard Oil of California 2,000 142,513 Standard Oil Company of New Jersey 2,000 179,552 Standard Oil Company of Indiana 1,800 84,439 Texas Utilities 3,500 119,619 Transamerico Corp. 4,000 76,029 Union Electric Co. 4,300 188,193 U. S. Fidelity & Guaranty Co. 5,000 102,035	Polonoid dem Company	2 100	167,547
G. D. Searl Southern Company Squibb Beechnut Squibb Beechnut Standard Oil of California Standard Oil Company of New Jersey Standard Oil Company of Indiana Texaco, Inc. Texas Utilities Transamerico Corp. Union Carbide Corp. Un. S. Fidelity & Guaranty Co.	Proofer & Conta		54.955
Southern Company 2,500 174,348 Squibb Beechnut 3,200 111,879 Standard Oil of California 2,000 142,513 Standard Oil Company of New Jersey 2,000 117,552 Standard Oil Company of Indiana 1,800 84,439 Texaco, Inc. 1,800 84,439 Texas Utilities 3,500 119,619 Transamerico Corp. 2,000 115,497 Union Carbide Corp. 4,000 76,029 Union Electric Co. 4,300 188,193 U. S. Fidelity & Guaranty Co. 5,000 102,035	C D Comble		
Squibb Beechnut 3,200 174,348 Squibb Beechnut 3,200 111,879 Standard Oil of California 2,000 142,513 Standard Oil Company of New Jersey 2,000 117,552 Standard Oil Company of Indiana 1,800 84,439 Texas Utilities 3,500 119,619 Transamerico Corp. 2,000 115,497 Union Carbide Corp. 4,000 76,029 Union Electric Co. 4,300 188,193 U. S. Fidelity & Guaranty Co. 5,000 102,035			61,716
Squirb Beechnut 3,200 111,879 Standard Oil of California 2,000 142,513 Standard Oil Company of New Jersey 2,000 117,552 Standard Oil Company of Indiana 1,800 84,439 Texaco, Inc. 1,800 119,619 Transamerico Corp. 2,000 115,497 Union Carbide Corp. 4,000 76,029 Union Electric Co. 4,300 188,193 U. S. Fidelity & Guaranty Co. 5,000 102,035	Southern Company		174,348
Standard Oil of California 2,000 142,513 Standard Oil Company of New Jersey 2,000 117,552 Standard Oil Company of Indiana 1,800 84,439 Texaco, Inc. 3,500 119,619 Transamerico Corp. 2,000 115,497 Union Carbide Corp. 4,000 76,029 Union Electric Co. 4,300 188,193 U. S. Fidelity & Guaranty Co. 5,000 102,035	Squibb Beechnut	3,200	111.879
Standard Oil Company of New Jersey 2,000 117,552 Standard Oil Company of Indiana 1,800 138,291 Texaco, Inc. 1,800 84,439 Texas Utilities 3,500 119,619 Transamerico Corp. 2,000 115,497 Union Carbide Corp. 4,000 76,029 Union Electric Co. 4,300 188,193 U. S. Fidelity & Guaranty Co. 5,000 102,035	Standard Oil of California	2,000	142.513
Texaco, Inc. Texas Utilities Transamerico Corp. Union Carbide Corp. Union Electric Co. Union S. Fidelity & Guaranty Co. 1,800 84,439 119,619 2,000 115,497 4,000 76,029 188,193 102,035	Standard Oll Company of No.	2,000	112,552
Texas Utilities 3.500 119,619 Transamerico Corp. 2.000 115,497 Union Carbide Corp. 4.000 76,029 Union Electric Co. 4.300 188,193 U. S. Fidelity & Guaranty Co. 5.000 102,035	Standard Oil Company of The Jersey	2,000	138 301
Texas Utilities 3.500 119,619 Transamerico Corp. 2.000 115,497 Union Carbide Corp. 4.000 76,029 Union Electric Co. 4.300 188,193 U. S. Fidelity & Guaranty Co. 5.000 102,035	Texaco. Inc.		
Transamerico Corp. 2,000 115,497 Union Carbide Corp. 4,000 76,029 Union Electric Co. 4,300 188,193 U. S. Fidelity & Guaranty Co. 5,000 102,035			140,439
Union Carbide Corp. 4,000 76,029 Union Electric Co. 4,300 188,193 U. S. Fidelity & Guaranty Co. 5,000 102,035	Transcomonica d	2.000	119,619
Union Electric Co. 4,300 188,193 U. S. Fidelity & Guaranty Co. 5,000 102,035	Union Comp.	4,000	115,497
U. S. Fidelity & Guaranty Co. 5,000 188,193	Union Carbide Corp.	7,000	76,029
0. S. Fidelity & Guaranty Co. 102,035	union Electric Co.	4,500	188,193
900 54.315	U. S. Fidelity & Guaranty Co.		102,035
		900	54,315

	Number of Shares	Carrying Value
ORPORATE STOCKS - COMMON - continued Virginia Electric Weyerhaeuser Woolworth Xerox Corp. Total Corporate Stocks - Common TOTAL INVESTMENTS	3,000 3,000 2,000 800	\$ 62,959 140,315 88,461 97,573 \$ 5,781,191 \$18,222,590

INVESTMENTS ACQUIRED DURING THE YEAR

Rate of Interest	THE YEAR	
-	Maturity	Carrying
6% 6-3/4 nerica	11/15/78 2/15/82	\$ 200,000 225,000
		# 425,000
Disct. Disct. Disct. Disct. Disct. Disct. Disct.	3/16/72 9/16/71 8/12/71 2/10/72 5/18/72 10/21/71	\$ 400,000 100,000 370,000 1,500,000 100,000 700,000
		\$ 3,170,000
7-5/8% 7-3/8 7-3/4 7-5/8 8	7/ 1/01 5/ 1/92 3/ 1/02 2/ 1/02 7/ 1/01	\$ 200,000 300,000 200,000 300,000 250,000
		\$ 1,250,000
5-1/4 4-1/4 t 6-7/8	11/ 1/96 11/ 1/96 3/30/87 2/15/97	\$ 55,000 45,000 100,000 50,000 \$ 250,000
	0-3/4 Disct. Disct. Disct. Disct. Disct. Disct. Disct. Disct. Disct. 7-5/8% 7-3/8 7-3/4 7-5/8 8 dds 5-1/4 4-1/4 6-7/8	0-3/4 11/15/78 2/15/82 Disct. 3/16/72 Disct. 9/16/71 Disct. 9/16/71 Disct. 2/10/72 Disct. 5/18/72 10/21/71 7-5/8% 7/1/01 7-5/8 3/1/02 8 7/1/01 dds 5-1/4 11/1/96 4-1/4 11/1/96 6-7/8 3/30/87

PREPERRED STOCK American Tel. & Tel. Detroit Edison Total Preferred Stock	1,000	\$	54,500,00 110,026,00 164,526,35	COMMO Sou Squ Sta Sta Tex Tex
BANK STOCK Bankers Trust N. Y. Corp. First National City Corp. Western Bancorporation Total Bank Stock	1,500 1,000 1,400	\$ \$ 	81,836.15 49,952.50 47,681.52 179,470.37	Tra Uni Uni Vir Wey Xer
American Cyanamid Co. American Electric Power Co. American Tel. & Tel. Becton Dickinson Boise Cascade Corp. Burroughs Corp. Central & Southwest Central Illinois Light Co. Commonwealth Edison Consumers Power Delmarva Power Co. Dow Chemical Florida Power & Light General Food Corp. General Motors Corp. General Public Utilities Gulf State Utilities I. B. M. International Nickel Co. International Paper Liberty National Life Merck & Co. Inc. Middle & South Utilities Minnesota Mining & Mfg. Northern State Power Pfizer Inc. J. D. Searle	1,000 1,500 1,000 2,915 300 1,500 1,800 1,800 1,000 3,000 3,700 800 399 1,000 3,000 1,000 1,000 1,000 1,000 1,000 1,000 2,500 1,000 2,500	\$	36, 985, 90 47, 942, 50 41, 410, 95 41, 4	

*			
Description	Number of	C	arrying
OMMON STOCK - continued	Shares		Value
Southern Co. Squibb Corp. Standard Oil of California Standard Oil of New Jersey Texaco Texas Utilities Transamerican Union Carbide Union Electric Virginia Electric Weyerhaeuser Co. Xerox Corp. Total Common Stock	3,000 800 1,000 900 500 800 1,000 1,300 2,000 3,000 2,100 200	\$	64,011,74,986,56,586,70,436,150,17,997,54,002,62,959,97,743,24,267
TOTAL INVESTMENTS ACQUIRED DURIN	NG THE YEAR	\$ - \$	7,829,25

INVESTMENTS DISPOSED OF DURING THE YEAR

Description	Rate of Interest	Maturity	Comm	Value for ercial Paper ost for Notes
UNITED STATES OF AMERICA				the second
Treasury bonds Treasury bonds Treasury bonds	44-1/4	8/15/71 2/ 2/72 5/25/74	#	100,000.00 200,000.00 225,000.00
Total United States of	America		\$	525,000.00
COMMERCIAL PAPER				
American Credit Corp.	Disct.	3/16/72	\$	400,000.00
American Standard Credit Corp. Appliance Buyere Brunswick Pulp Fruehauf Finance Raytheon Co. United Airoraft	Disct. Disct. Disct. Disct. Disct. Disct.	9/16/72 8/12/71 7/15/71 2/10/72 5/18/72 10/21/71		100,000.00 370,000.00 800,000.00 1,500,000.00 100,000.00 700,000.00
Total Commercial Paper			*	3,970,000.00
COMMON STOCK		Number of Shares		
Abbett Laboratories Control Data		1,000	*	43.654.86 34.663.97
Total Common Stock			*	78,318,83
TOTAL INVESTMENTS DIS	POSED OF DUR	ING THE YEAR	*	4,573,318,8

SUMMARY OF INVESTMENT ACCOUNT BY TYPE OF INVESTMENT

Type of Investment U. S. Government	Proportion of Total	Cost or Par
Federal Land Bank	8.64%	\$ 1,575,000
Federal National Mortgage Association	2.55	465,000
Railroad Public Utilities	1.65	300,000
	1.37	250,000
	36.86	6,716,000
Other Corporate Bonds	12.02	2,190,400
Bank Stocks	2,66	485,344
Corporate Stocks	34.25	6,240,846
Total	100.00%	\$18,222,590

AFFENDIX

Summary of Applicable Benefit and Contribution Provisions

SUMMARY OF PROVISIONS OF RETIREMENT PLAN1

Participation by cities and towns. Participation is optional with the cities and towns and city or town housing authorities. It may be effected by the adoption of a resolution or ordinance by the governing body subscribing to the provisions of the system and agreeing to assume the obligations thereunder.

Effective date of participation. The effective date is July 1st next following the receipt of a certified copy of the ordinance or resolution by the retirement board, provided the same was filed with the board at least 90 days prior to such date; otherwise, the effective date is July 1st of the following year.

<u>Withdrawal from participation</u>. A city or town may withdraw from participation by the adoption of a resolution or ordinance to that effect. The city or town shall be liable for the accrued liabilities for matured annuities and benefits, and for those benefits in which vested rights had been created.

Employees eligible for coverage. Each employee of a city or town, including elected officials, subject to the conditions stated in item entitled "Conditions for membership" below.

Conditions for membership. (a) Any employee in service on the effective date of participation will automatically become a member of the system following approval of participation by the city or town, unless the employee notifies the retirement board, in writing, within 60 days after the effective date that he does not desire to join the system.

- (b) Any member becoming an employee after the effective date of participation for the city or town, who at date of entry into service is under age 58 if a member of the police or fire department, or under age 60 if an employee of any other department, shall automatically become a member of the system after 6 months of service, as a condition of employment.
- (c)Any person elected to office after the effective date shall have the option of becoming a member within 60 days following the date when he shall assume the duties of his office.

Exclusions from membership. Membership is limited to any regular or permanent employee or officer whose business time is devoted to the service of the city or town.

I/ In force and effect June 30, 1972

An employee occupying a position of a temporary or seasonal character, not classified as a regular or permanent employee, is not eligible for membership.

Members of other retirement systems. (a) Any employee in service on the effective date or within 6 months prior thereto, who is a member of any other pension or retirement system supported wholly or in part by funds of the city or town, may become a member of the retirement system if he waives and renounces all accrued rights and benefits in such other system.

(b) Any employee entering service after the effective date, who is a member of or receiving an annuity or benefit from any other pension or retirement system supported wholly or in part by the city or town, shall not be eligible for participation unless he waives membership in such other retirement system.

<u>Service credit</u>. (a) Any employee becoming a member of the system at the effective date, or who makes application for membership within 1 year from the effective date, shall be entitled to credit for all previous service for the city or town for whom employed.

- (b) Any employee who elects, at the time of initial participation not to join the system, and does not apply for membership within 1 year after the effective date, may thereafter be admitted to membership but without credit for service prior to the effective date. Credit for service in such a case would accrue from the effective date upon making appropriate contributions.
- (c) An employee becoming a member of the system shall be entitled to credit for all service rendered following the date of membership for which he has made contributions. A member of the system shall be entitled to credit as service, in any calendar year, for any period of an approved leave of absence without pay, not exceeding one month.
- (d) An interchange of pension credit between this system and the Employees' Retirement System is provided. Such a transfer may be made but only upon request of a member.

Optional retirement. (a) Any member may retire optionally upon completion of 10 years of service, provided such member shall be at least 58 years of age.

- (b) A member may retire after 30 years of service regardless of age without reduction in benefits.
- (c) Effective as of July 1, 1971, any member, except an elective official, must retire at age 70.

Compulsory retirement. Any member, except an elective official, shall be retired compulsorily upon attainment of age 70.

Amount of service retirement allowance. The amount of service retirement allowance is 2% of average salary (3-year average) per year of oredited service.

Average salary defined. This is the average annual compensation for any 3 consecutive years when such average was highest.

Ordinary disability benefit. Any member having at least 7 years of service, regardless of age, who becomes totally and permanently disabled for service, would be entitled to a benefit equal to 1-2/3% of average salary, as defined above, for each year of the disable of the disable of a minimum of 25% of average salary.

Accidental disability. (a) A member becoming totally and permanently disabled for service due to occupational causes, regardless of age or length of service, would be entitled to 66-2/3% of his rate of salary at date of disability.

(b) This benefit is subject to reduction by Workmen's Compensation payments made by the applicable city or town.

Limitations on disability benefits. In the event a member in receipt of ordinary or accidental disability benefits resumes gainful employment of any kind, and his earnings from such employment when added to his disability benefit exceeds the rate of salary in effect at date of disability, the disability benefit would be reduced to the extent of such excess.

Accidental death benefit. Upon death of a member due to occupational causes, regardless of his age or length of service, his total contributions would be paid to his estate, or to such person having an insurable interest in his life, as he shall have nominated. In addition, a benefit equal to 50% of salary would be payable to:

- (a) His widow, to continue during widowhood; or
- (b) If there be no widow, or if the widow dies or remarries, and minor children under age 18 survive the member, to such children in equal proportions; or

(c) If no eligible widow or eligible minor children exist at the date of death of the member, to the father or mother who was dependent upon the member for support, as the retirement board may determine.

These benefits are subject to reduction by Workmen's Compensation payments made by the city or town.

<u>Death benefits</u>. (a) Upon death of a member occurring while in service as the result of any cause other than occupational, a benefit would be payable to the person having an insurable interest in the life of the member as he shall have designated, consisting of (1) the contributions of the member, and (2) a payment of \$400.00 for each year of service, subject to a minimum of \$2,000.00 and a maximum of \$8,000.00.

(b) Employees retiring on or after May 17, 1967 have coverage of the ordinary death benefit. The benefit remains in effect for the full amount during the first year on retirement but is reduced annually thereafter by 25% thereof to a minimum of \$2.000.00.

Refunds - vested rights. (a) A member becoming separated from service other than by death or retirement would be entitled to a refund of his total contributions, thus forfeiting all his accrued credits and interest in the system.

- (b) A member having at least 10 years of credited service may leave his contribution credits intact and upon attaining age 58 apply for a service retirement allowance of the amount earned and accrued at the date of his separation from service.
- Options. (a) Any member, at the time of retirement, may elect to receive a reduced retirement allowance and provide, on an actuarially equated basis, with the remainder of his equity, an allowance to a designated beneficiary, to become payable upon his death while on retirement. If death of the beneficiary occurs before the death of the retired member, no change would be made in the original election and the member would continue thereafter to receive the reduced service retirement allowance.
- (b) Beneficiary annuity. Effective as of July 1, 1967, an employee having at least 10 years of service at age 60 or over, or 20 years of service or more between the ages of 55 and 60 years, may elect that upon death occurring while in service, a designated beneficiary shall receive an annuity determined on a joint and last survivor basis according to the several prescribed options.

<u>Financing</u>. (a) Members contribute to the system 6% of their salaries. (b) Each city or town or other participating governmental unit is obligated for the henefits to leach city or town or other participating governmental unit is obligated for the remainder of the cost of the benefits pre-

scribed by the act, on an actuarially funded basis, including the requirements for prior service and for future service. The amount of contribute prior service are requirements. amount of contribution is fixed by the retirement board based upon an actuarist valuation of the assets and liabilities of each participating governmental unit.

(c) The expense of administration of the system is assumed by the State of Rhode Island.

Administration. (a) The retirement board of the Employees Retirement System of the State of Rhode Island is designated as the Administration. as the administrator of the "Municipal Employees" Retirement System of the State of knode Island".

- (b) The general treasurer is charged with the establishment of the system under the direction and supervision of the board, and the maintenance of the required accounts and statistical records. He is to have custody of all moneys accruing to the system and make the required investments according to the act governing the investment of sinking funds of the State, or in securities or investments in which deposits of savings banks and participation deposits in banks and trust companies may legally be invested.
- (c) Certain reserve accounts are established and maintained by the system as prescribed by the act.

<u>Guarantees</u>. Each participating city or town is liable for its proportionate obligations of the system for the several benefits which it prescribed, related only to its own employees.

OPTIONAL FLAN FOR POLICEMEN AND FIREMEN

<u>Farticipation</u> by cities and towns. Participation thereunder on behalf of the policemen or firemen is optional with the legislative body of each city or town. The plan is under the jurisdiction of the Metirement Board of the Employees' Retirement Board of the Employees' Retirement System of the State of Khode Island for management and administration.

Membership. Membership is compulsory after 6 months of service. Any employee who is a member of another municipal retirement system in the State may join this system by waiving his rights and benefits in such other system.

Service retirement. (a) A member may retire after 10 years of service at age 58 or over, or after 20 years of service beginning at age 55. Retirement may occur at age 50 with at least 20 years of service but at a reduced rate of pension. Retirement is compulsory at age 65 except as to an elected official but employment may be extended for periods of one year upon request of the member approved by the governing body of the municipality.

(b) The rate of retirement annuity is 2% of average salary per year of service (3-year average) up to a maximum of 75% of average salary.

