## The Commonwealth of Massachusetts

## ANNUAL REPORT

OF THE

## BOARD OF RETIREMENT

FOR THE

Year Ending November 30, 1927

Department of Treasurer and Receiver-General



MASS. DOCS. COLL.

## The Commonwealth of Massachusetts

### REPORT

Division of Board of Retirement, State House, Boston, December 31, 1927.

To the Honorable Senate and House of Representatives.

The sixteenth annual report of the Board of Retirement is herewith presented

for your consideration.

The personnel of the Board consists of three members. Two changes in the Board membership occurred during the year. Mrs. Elizabeth F. Moloney was elected for a term of three years beginning February 16, 1927, upon ballots cast by members of the Retirement Association as the employee representative member of the Board. Dr. Clarence L. Scamman was appointed as third member by Mr. William S. Youngman, State Treasurer, chairman ex officio, and Mrs. Moloney. Mrs. Moloney is the first woman to serve as a member of the Board.

The contributory law has been in operation since January 1, 1912, approximately sixteen years, and the present fund consists of \$2,963,613.57, which has been deducted from the salaries or wages of the members, and \$671,727.15, which has been credited as interest and extra dividends to the members' accounts, so that the total of the accounts of members contributing on December 31, 1927, amounts to

\$3,635,340.72.

The annuity reserve for the payment of annuities to members on the retired list December 31, 1927, was \$161,737.00, and the gross assets on said date were \$3,855,584.53. The Insurance Department made the annual examination in accordance with the law, and following the report, the Board, with the approval of the Commissioner of Insurance, credited an extra dividend of \$1.75 to each \$100. of each account as it stood on September 30, 1926. The total thus credited amounted

to \$49,689.84.

The interest derived from the investment of the annuity funds has provided for the last five years substantially the following yearly rate of distribution to the members' accounts: 1923, 5%; 1924, 5%; 1925, 5%; 1926, 4¾4%; 1927, 4¾4%. The annuity fund is invested according to restrictions and limitations of the statutes in only the securities which are a legal investment for the sinking funds of the Commonwealth, these being principally the obligations of Commonwealths and subdivisions thereof. The accumulated savings refunded to members who left the service were \$176,068.64, and the amount refunded to the heirs or estates of deceased members was \$24,602.86.

The contributing members of the Retirement Association when it was first organized were 3,324, and the contributing members on November 30, 1927, were 8,924; males, 5,051; females, 3,873. There are 267 accounts payable of former members who left the service between 1912–1927 inclusive, amounting to \$6,068.20.

The following statistics relate to the 45 employees who were retired during the

vear November 30, 1927.

	Cases	Average Age at Retire- ment	Average Length of Service	Average Salary Last 5 Years	Average Annuity	Average Pension	Average Retiring Al- lowance
Disability Ordinary	5 3 37	55.80 50.33 67.46	24.80 23.00 25.62	\$2071. 1719. 1715.	\$52.12 66.93 118.83	\$242.52 689.69 423.79	\$294.64 756.62 542.62
Total for year	45	65.02	25.33	\$1755.	\$107.96	\$442.51	\$545.81

During the year ending November 30, 1927, 1,820 new employees have become members of the Association and 1,310 have left the service by reason of death or resignation before becoming eligible for retirement. Retirement allowances were granted to 45 persons during the year, 20 by reason of reaching the age of seventy, 5 for ordinary disability, 3 for permanent disability resulting from accidental injury in line of duty, (0) under age sixty who had completed thirty-five years of service retired voluntarily, and 17 between sixty and seventy years of age upon their request. The total of the retiring allowances of the 45 employees retired

during the year ending November 30, 1927, is \$23,817.17. Of this amount, \$4,855.13 was annuity derived from the contributions made by the members before retirement and the balance of \$18,962.04 was pension paid from State appropriation. Two widows of members were granted annual pensions amounting to \$1,836.00 on account of the death of the husband from injuries received in line of duty. The widows' pension is paid for life or until remarriage.

## TOTAL NUMBER RETIRED UNDER THE LAW TO NOVEMBER 30, 1927 (AGE NEAREST BIRTHDAY)

Widows not included

Sex	Under 60	60	61	62	63	64	65	66	67	68	69	70	Total
Males	29 25	26 19	17 14	17 6	12 14	17 8	18 10	26 <b>7</b>	$^{22}_{4}$	20 14	12 5	195 41	411 166
Totals	54	45	31	23	26	25	28	33	26	34	17	236	577

The number of employees who have been granted a retirement allowance since the law became operative, June 1, 1912, is 577, and the total number of payments granted to widows on account of death of husband from accidental injuries received in line of duty is 5. Since retirement 205 annuitants and 5 non-members have died, so that retirement allowances are now being paid to 372 former employees. Of this number 133 were retired at the age of seventy or over; 194 were retired upon their request between sixty and seventy years of age; 12 were retired with 35 years of service under age sixty; 4 were wives retired at time of retirement of husbands; 21 were retired for ordinary permanent disability; 7 were retired for permanent accidental disability because of such injuries received in the line of duty; 1 non-member who was over fifty-five years of age when the retirement law was passed, was retired upon the request of the department in which he was employed.

The law provides compensation to a widow during her widowhood, or if there is no widow, for the benefit of a child or children under sixteen years, of one-half the member's rate of pay in case of the death of a member from an injury received through no fault of his own while in the discharge of his duty. Five payments are now being made under this act. The largest payment to a widow is \$936.00; the

average is \$735.77.

Present Ages and Number of Persons who are receiving a Retirement Allowance.

Age	No.	Age	No.	Age	No.	Age	No.
40	1  1   1 1 1  2	53	- 66 1 67 2 68 1 69 3 70 5 71 6 72 7 73 2 74 9 75 8 8 77 11 78		11 14 21 14 31 30 25 31 25 15 22 13 13	79	8 7 6 5 2 3 2 1 2 1 - 1

The average age of persons on the retired list is 70.83 years.

There was also paid during said year in annuities \$20,618.24 from the annuity reserve fund represented by the deposits and interest credited to each member's account at the time of his retirement. This amount may be compared with \$3.67, the amount of annuities paid during (1912) the first year of operation of the retirement system.

During the year ending November 30, 1927, \$133,028.54 was paid as pensions to persons upon the retired list as compared with \$128,330.75 for the previous year. The largest retirement allowance being paid to an individual is \$1,770.96 composed

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of an annuity paid from the savings of the retired member of \$178.03 and a pension paid by the State of \$1,592.93. The average retirement allowance paid to the persons on the list November 30, 1927, is \$423.84. The total annual retirement allowances of persons on the list November 30, 1927, is \$162,448.03, divided as follows: annuities, \$22,453.01; pensions, \$139,995.02 (widows' pensions, \$3,678.85, and 3 extra pensions by legislative act amounting to \$1,220.00, included).

The retirement system has 437 members who may voluntarily retire at the age of sixty to seventy during the coming fiscal year; 27 under sixty years of age who have completed thirty-five years of service; and 25 who must retire at the age of seventy, the compulsory retirement age. The number who will voluntarily retire is uncertain. The Board has submitted estimates of the amount of appropriation required to pay the cost of pensions for the next fiscal year upon experience it has gained that 7% of the members eligible to retire will voluntarily retire in addition to those who must retire at the age of seventy. This will require about \$7,100. in addition to the amount of pensions in force on November 30, 1927. The Board has requested an appropriation of \$146,500. to cover the cost of pensions for the year ending November 30, 1928.

The expenses of the administration of the system for the year were: Salaries, \$9,212.51; contingent expenses, \$829.83; adding machine, \$467.70; reimbursement to institutions for making deductions from members' salaries, etc., \$3,500.00. The reimbursement to State institutions is purely a bookkeeping transaction to

show the probable cost of operating the system.

The law provides that the minimum retirement allowance shall be based upon the form of annuity which gives the largest return from the employees' accumulated savings and which form of annuity does not provide any payments to the estate in case of the early death of the retired employee. The age at retirement, length of service, rate and amount of contribution, and the rate of interest credited to such contributions during employment are the factors which determine the amount of pension or annuity. The Board believes that the minimum retirement allowance should not be less than four hundred and eighty dollars per year in case a member has purchased the largest amount of annuity possible under the terms of the law (contributed 5%) during a period of State service long enough to be considered a reasonable proportion of the average working period.

## AMENDMENT TO THE RETIREMENT LAW PASSED BY THE GENERAL COURT DURING THE SESSION OF 1927

Under Chapter 101, Acts of the year 1927, the law was amended so that additional interest may be credited to the account of a member who leaves the service between compound interest dates. In such cases the law now provides that additional interest shall be credited at the rate prescribed for "regular interest" and figured on the amount of the account at the last compound interest date for the period from said date to the first day of the month in which the member left, or, if the member dies while in the service or is retired, up to the first day of the month in which the refund is made or retirement becomes effective, as the case may be. Previous to this amendment, a member who left the State service between compound interest dates (June 30th, December 31st) did not receive any additional interest for any period after the last compound interest date, nor would the law permit an account to remain in the fund until after the succeeding compound interest date in order not to suffer loss of interest.

### RECOMMENDATIONS FOR LEGISLATION

The Board of Retirement recommends striking out paragraph (8) of section 2 of chapter 32 of the General Laws, and the substitution of a new paragraph (8) to correct the ambiguous language of this paragraph caused at the time of the consolidation of the laws. The Board does not recommend any change in the law which will increase or decrease the present provisions of the law regarding the amount of retirement allowance to be paid to persons retired because of permanent disability from ordinary causes in the course of their employment.

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The retirement law provides for the retirement of persons suffering from permanent disability resulting from injuries received through no fault of their own in the course of their employment, and if death results from such injury certain payments are made to the widow or minor children. The Board recommends the addition of a new paragraph (11) to section 2, so that the Commonwealth will only grant such disability pension to a member, or the death benefits to his widow or minor children, when the "injuries" received by the employee, fatal or otherwise, came as a natural and proximate result of an accident occurring within the scope of duty without contributory negligence on the part of the employee.

Respectfully submitted,

WILLIAM S. YOUNGMAN, Chairman. ELIZABETH F. MOLONEY. CLARENCE L. SCAMMAN.

Comparative Statement of Membership, as of November 30.

			Bu	1	De- pend- ents <sup>1</sup>	FI	1 1	1	1 1	i I	<del></del> 1	1 1	က		1			
	SHIP	Retired	Living		Mem- bers	43	98	138	174	196 208	241 262	294	342	349	1			
	Мемвеквнгр			De-	ceased	014	Ω.4	100	77	169	119	16	55	823	205			
				Active		3,121	4,783	5,448	5,573	6,113 6,282	6,997	7,613	8,370	8,726 9,191	1			
		Total Retired	During Year	Dend-	ents Ex- cluded)	45	28	188	82	783 788 788	<b>4</b> 55	84.	35	37	577			
			mem- bers			1 63	1 1	-	1		1 1	1 1	ı ı	1 1	9			
	IRED	Retirement	asports		Hus- band	1 1	1 1	1	1 1	1 1	1-1	1 1	1 1	i 1	1			
,	Number Retired	Retir	WICH		Wife	1.1	1 1	1,			1 1	1	1	1 1	4			
,	Now		Com-	sory (age	40)	25	90	2:	9	110	18	19	13	20	221			
				(age 60 to 70)		20	21	15	14	15	22	222	6,6	14	290			
		Ordi- nary		35 or More Years' Service Under Age 60°				1 1	1 1	1.			e -	ကြင	9	<b></b> 1	13	
	<b>#</b> F.			1 1	67	001	- 60	7-1	1	4	# 44	ကေ	36					
	RETIRED FOR PERMANENT Distribution	Payments ac-	ceived	uty	De- pend- ents <sup>1</sup>	1 3	1 1	1	1 1	1 1	<b>-</b> 1	ı	1 03	101	5			
	REL	Payme	juries received in performance	of duty	Mem- bers	1 1	1	1	1 1	1 1	1 1	1 =		0,00	7			
	sa		All	Others		327	820	1,339	1,168	1,125	958	1,570	1,610	1,417				
	REFUNDS		Number to Estates	ot Deceased	Members	. 212	110	900	4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	38	35	4.5	40	54				
		Members	Admitted	Year		*3,324 181 1,529	1,630	1,445	1,361	1,910	1,752	1,616	1,971	1,867				
			YEAR			1912	1914	1916	1917	1919 1920	1921	1923	1924	1926 1927	Totals .			

\* Enrollment Membership, Feb. 1, 1912, 3,324. Membership Nov. 30, 1927, Males, 5,180; Females, 4,011.

1 Payments to widow during widowthood, or if no benefit of evilid or unlike under sixteen years of age, in case of death of parent from injuries received while in parent manner of duty. 2 Most members with 35 or more years of service retire between the retirement age periods of 60 to 70 years.

# Recapitulation of Pension Cost under Non-contributory and Contributory Pension Systems Fiscal Year ending November 30. (Chapter 32, General Laws.)

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(1			
	•	TOTAL	\$614,127 19 653,541 00 717,261 04 787,482 18 858,100 00
Contributory		2State Employees (Sections 1 to 5 and 32 to 38)	\$98,245 27 110,348 44 120,003 93 128,330 75 133,028 54
Contri	Teachers, Public	Day Schools of Mass. (Sections 6 to 19 and 32 to 38)	\$353,227 48 389,898 04 446,906 06 518,002 61 598,310 05
	VETERANS	Spanish and World Wars (Sections 56 to 60)	\$937 36 1,700 00 2,871 68 4,350 00 3,869 92
вт	VETE	Veterans Civil War (Sections 49 to 55)	\$67,046 94 63,514 93 57,211 51 48,429 88 38,826 76
Non-contributor		Prison Officers (Sections 46 to 48)	\$28,386 18 28,189 35 27,583 67 29,050 41 28,127 24
	Retired	Cleaners (Section 74) (Superintendent of Buildings)	\$2,400 00 2,088 46 1,671 41 1,500 00 1,326 90
		Depart- ment of Public Safety (Section 68)	\$7,295 00 7,024 99 8,285 00 7,030 33 6,575 50
	Court	Officers and Messen- gers (Section 66)	\$228 39 464 00 464 00 464 00
		Judges (Sections 61 to 67)	\$56,540 00 50,550 00 52,257 66 50,324 20 47,571 09
		УЕАВ	1923 1924 1925 1926 1926

Retirements under sections 46 to 48 apply only to persons so employed prior to June 8, 1911
Retirements under section 78 apply only to persons so employed prior to July 1, 1921
Retirements under section 74
Apply only to persons so employed prior to July 1, 1921
Other non-contributory sections are active for each group. It is not likely that any new entrarant will qualify under the Veterans of the Civil War Group.
Under contributory sestions are active for each group. It is not likely that any new entrarant will qualify under the Veterans of the Civil War Group.
Under contributory system the figures represent only the amount paid by the State; the annutises paid from members' contributions are not included. Teachers in all cities and towns except Boston are retired under this system. Reimbursement to cities and towns including Boston for certain pensions they paid to retired teachers included. Flagments to widow during widowhood, or if no widow, for the benefit of child or children while under sixteen years of age, in case of death of parent from injuries received while in performance of duty included.

# Comparison of Average Annual Payments to Persons on Retired Lists November 30, under Non-contributory and Contributory Pension Systems

			_	VON-CONTRIBUTOR	RY				CONTRIBUTORY	
		1Court	Depart-	Retired		VETERANS	RANS	Public Day	STATE EMPLOYEES	IPLOYEES
VEAR		Officers	ment	Cleaners	Prison		Spanish	School		
	Judges	and Messen- gers	of Public Safety	(Superintendent of Buildings)	Officers	Civil War	and World Wars	Teachers, as of De- cember 31	Members	Depend- ents
1926	\$6,101 88	\$232 00	\$1,165,00	\$300,00	\$766.23	\$833.53	\$875 00	\$577 73	\$413 97	\$614 28
1927	5,850 00	232 9 9 9	1,160,83	300,00	758 05	902 92	850 00	597 59	423 84	735 77
_	(8)	(Z	6	( <del>*</del> )	- (ve)	(40)	( <del>+</del> )	(006)	(210)	(0)

paid by the State, plus the annuities paid from members' contributions.

Publis school traceners with fiften years of service who served prior to July 1, 1914 (five preceding retirement), minimum, \$400. Under State Employees' Act of 1911, minimum of \$200 to all retired prior to Aug. 26, 1920, and \$300 to all retired after said date.

Only the pension paid by the State. The total pension is paid jointly by the State and the County in the same proportion as the salaries were paid at the time of retire-A figure in parentheses in any column shows the number of pensioners under each system November 30; under contributory systems the figures represent the amount

ment. The County payment is not stated.

Comparative Financial Statement as of December 31st.

	Rate of Surplus	Credited to Members' Accounts	11 111 111 111 111 111 111 111 111 111
	Gross	Assets	\$53,831 61 159,122 78 282,823 64 410,455 26 549,934 50 687,235 50 687,235 50 687,235 50 687,235 50 687,235 50 86,581 36 986,581 36 986,581 36 1,200,076 44 1,489,065 57 1,489,065 57 1,489,065 57 1,489,065 57 2,567,71 86 2,567,71 86 2,567,71 86 2,567,71 86 2,567,71 86 2,567,71 86 2,567,71 86 2,567,71 86 3,384,894 11
Reserve	Payment	Annuities To Retired Members	\$149 53 1,042 59 4,835 48 4,835 48 1,042 71 18,602 71 18,606 27 20,092 37 20,092 37 20,092 37 20,092 37 20,092 37 20,092 31 121,121 01 121,121 00 121,122 00 133,742 00 113,742 00 113,742 00
g Members		Net Interest	\$278 74 10,705 38 110,705 38 110,705 38 110,705 38 110,705 38 110,800 01 1176,809 01 1176,809 01 1176,809 01 229,577 37 375,138 89 462,386 89 671,727 15
Contributing Members		Net Deposits	\$53,212 55 153,296 68 267,287 29 267,287 29 380,253 01 546,95 95 01 568,637 94 822,637 94 822,637 14 1,466,71 20 1,466,71 20 1,466,71 20 1,466,71 20 2,267,274 35 2,608,522 38
ANNUITIES	Paid	During Year to Retired Members	\$3 67 204 98 204 98 204 98 430 12 2 124 26 2 127 38 2 127 38 2 127 38 2 127 38 3 127 37 3 127
ANNT	Deposits	CH OF	\$149 60 1 926 65 1 928 65 2,888 71 2,888 71 6,857 73 1,407 73 12,988 13 20,984 13 20,984 13 20,984 13 20,986 19 21,686 19 21,686 19 21,686 53 21,686 53 21,886 53
nd Interest	To Members Who Left the Service		\$1,352 23 6,966 58 16,966 58 16,911 50 23,911 50 10,319 47 50,844 19 83,334 85 89,219 88 70,122 22 87,138 79 117,6923 79 117,6923 79 117,6923 79 117,6923 64
Refunds of Deposits and Interest	to Estate or Beneficiary	After Retire- ment	\$400 50 \$400 50 \$1,294 5 23 \$1,294 5 83 \$2,145 53 \$1,231 31
Refunds	to E	Before Retire- ment	\$22 73 \$24 54 54 \$2,541 65 52 \$2,541 65 52 \$2,542 60 60 \$2,542 60 \$2,542 60 60 \$2,542 60 \$2,5
Interest and Surplu Credited Members' Accounts During the Year			8278 74 2,630 88 7,563 88 10,681 48 10,681 48 18,196 52 23,706 48 22,706 48 42,465 44 43,465 44 43,465 48 65,289 43 65,289 43 65,289 43 61,139 45 81,110 41 116,411 37
	Deposits Received	During the Year	\$54,737 11 108,255 86 140,750 10 140,750 10 151,663 02 169,200 10 176,071 58 176,071 58 176,071 58 176,081 90 176,081 90
	YEAR		1912 1913 1918 1919 1919 1920 1921 1922 1923 1924 1926 1926 1926 1926

"'Regular Interest,' interest at three per cent per annum, compounded semi-annually on the last days of December and June and reckoned for full three and six months' periods only." Surplus is extra interest, in addition to "regular interest," and is distributed on June thirtieth of each year and is figured on the accumulation of the account on the preceding September thirtieth. To obtain the interest rate each year add 3% to the rate of surplus, i. e., 1927, 3 + 1 3-4=4 3-4%.

Notice.—The figures given in this statement are on the basis of the year ending December thirty-first

ANNUAL STATEMENT OF THE CONDITION AND AFFAIRS OF THE STATE EMPLOYEES' RETIREMENT SYSTEM OF THE COMMON-WEALTH OF MASSACHUSETTS. CONTRIBUTIONS BEGAN JUNE 1, 1912.

STATEMENT FOR THE YEAR ENDING DEC. 31, 1927, MADE TO THE COMMISSIONER OF INSURANCE IN COMPLIANCE WITH THE PROVISIONS OF PARAGRAPH 5, SECTION 3, CHAPTER 32, GENERAL LAWS.

INCOME	
Members' deposits	<b>\$</b> 564,153.95
Interest received on investments (less \$6,794.56 accrued interest paid on securities pur-	
chased during the year)  Members' deposits used to purchase annuities  \$32,026.70 Interest on same  10,235.61	152,912.97
	42,262.31
Adjustment in book value of securities (amortized values) Securities sold (gain, selling price over cost) Received from Commonwealth:	2,857.04
For payment of pensions for service prior to June 1, 1912 . \$103,630.54  For payment of pensions for service subsequent to June 1, 1912 . 21, 332.37  For payment of pensions to employees over age 55 on June 1, 1912, who	
For payment of pensions to members retired for permanent accidental	
injuries 3,649.22 For payments to widows, or in case of no widow, to children because of	
death of parent from accidental injuries received in course of employment. 4,188.66 Under special legislative acts	
	134,220.79
To cover loss in annuity reserve 12–31 Credited to members' accounts: Regular interest at 3% comp. semi-annually \$96,423.53 Extra dividend at 1 3-4%	
Extra dividend at 1 3-4%	146,113.37
For reimbursement of State institutions	120,710,07
For salaries 9,204.69 For expenses 1,239.47	13,944.16
Adjustment of refunds	
Total income	\$1,056,464.59 3,273,012.90
Total	\$4,329,477.49
TO TO THE PROPERTY OF THE PARTY	
DISBURSEMENTS Deposits refunded, including interest, to members withdrawing from ser-	
Deposits refunded, including interest, to members withdrawing from ser- vice \$176,068.64 Deposits refunded, including interest, to representatives of deceased mem-	
Deposits refunded, including interest, to members withdrawing from service  Deposits refunded, including interest, to representatives of deceased members	\$200,671.50
Deposits refunded, including interest, to members withdrawing from ser- vice \$176,068.64 Deposits refunded, including interest, to representatives of deceased mem-	.04
Deposits refunded, including interest, to members withdrawing from service \$176,068.64  Deposits refunded, including interest, to representatives of deceased members \$24,602.86  Adjustment of refunds \$32,026.70  Interest on same 10,235.61  Pensions paid to retired members and to dependents of members who died from injuries	.04
Deposits refunded, including interest, to members withdrawing from service \$176,068.64  Deposits refunded, including interest, to representatives of deceased members \$24,602.86  Adjustment of refunds \$24,602.86  Adjustment of refunds \$32,026.70  Interest on same \$10,235.61  Pensions paid to retired members and to dependents of members who died from injuries received in course of employment Annuities paid to members from their contributions	.04 42,262.31 134,220.79 20,618.24
Deposits refunded, including interest, to members withdrawing from service Deposits refunded, including interest, to representatives of deceased members  Adjustment of refunds Members' deposits used to purchase annuities  Interest on same  Pensions paid to retired members and to dependents of members who died from injuries received in course of employment Annuities paid to members from their contributions Regular interest and extra dividend credited to members' accounts Salaries and contingent expenses	.04 42,262.31 134,220.79 20,618.24 146,113.37 13,944.16
Deposits refunded, including interest, to members withdrawing from service  Deposits refunded, including interest, to representatives of deceased members .  24,602.86  Adjustment of refunds .  Members' deposits used to purchase annuities . \$32,026.70 Interest on same . 10,235.61  Pensions paid to retired members and to dependents of members who died from injuries received in course of employment .  Annuities paid to members from their contributions Regular interest and extra dividend credited to members' accounts Salaries and contingent expenses .  Refunds to estates of 6 deceased annuitants who at the time of their retirement elected	.04 42,262.31 134,220.79 20,618.24 146,113.37 13,944.16
Deposits refunded, including interest, to members withdrawing from service Deposits refunded, including interest, to representatives of deceased members  Adjustment of refunds Members' deposits used to purchase annuities  Interest on same  Pensions paid to retired members and to dependents of members who died from injuries received in course of employment Annuities paid to members from their contributions Regular interest and extra dividend credited to members' accounts Salaries and contingent expenses	.04 42,262.31 134,220.79 20,618.24 146,113.37 13,944.16
Deposits refunded, including interest, to members withdrawing from service  Deposits refunded, including interest, to representatives of deceased members  24,602.86  Adjustment of refunds  Members' deposits used to purchase annuities  Pensions paid to retired members and to dependents of members who died from injuries received in course of employment  Annuities paid to members from their contributions  Regular interest and extra dividend credited to members' accounts  Salaries and contingent expenses  Refunds to estates of 6 deceased annuitants who at the time of their retirement elected the refund annuity option  Adjustment book value of securities (amortized values)	.04 42,262.31 134,220.79 20,618.24 146,113.37 13,944.16 3,231.31 4,404.37
Deposits refunded, including interest, to members withdrawing from service  Deposits refunded, including interest, to representatives of deceased members 24,602.86  Adjustment of refunds Members' deposits used to purchase annuities \$32,026.70 Interest on same 10,235.61  Pensions paid to retired members and to dependents of members who died from injuries received in course of employment Annuities paid to members from their contributions Regular interest and extra dividend credited to members' accounts Salaries and contingent expenses Refunds to estates of 6 deceased annuitants who at the time of their retirement elected the refund annuity option Adjustment book value of securities (amortized values) Deposits, Normal School to teachers' retirement board	.04 42,262.31 134,220.79 20,618.24 146,113.37 13,944.16 3,231.31 4,404.37 2,080.50
Deposits refunded, including interest, to members withdrawing from service Deposits refunded, including interest, to representatives of deceased members  Adjustment of refunds Members' deposits used to purchase annuities  Algoe and to same  Pensions paid to retired members and to dependents of members who died from injuries received in course of employment Annuities paid to members from their contributions Regular interest and extra dividend credited to members' accounts Salaries and contingent expenses Refunds to estates of 6 deceased annuitants who at the time of their retirement elected the refund annuity option Adjustment book value of securities (amortized values) Deposits, Normal School to teachers' retirement board  Total  Total  Total	.04 42,262.31 134,220.79 20,618.24 146,113.37 13,944.16 3,231.31 4,404.37 2,080.50 \$567,546.59 3,761,930.90
Deposits refunded, including interest, to members withdrawing from service  Deposits refunded, including interest, to representatives of deceased members  24,602.86  Adjustment of refunds  Members' deposits used to purchase annuities  Nembers' deposits used to purchase annuities  Pensions paid to retired members and to dependents of members who died from injuries received in course of employment  Annuities paid to members from their contributions  Regular interest and extra dividend credited to members' accounts  Salaries and contingent expenses  Refunds to estates of 6 deceased annuitants who at the time of their retirement elected the refund annuity option  Adjustment book value of securities (amortized values)  Deposits, Normal School to teachers' retirement board  Total disbursements  Balance December 31, 1927	.04 42,262.31 134,220.79 20,618.24 146,113.37 13,944.16 3,231.31 4,404.37 2,080.50 \$567,546.59 3,761,930.90
Deposits refunded, including interest, to members withdrawing from service  Deposits refunded, including interest, to representatives of deceased members  24,602.86  Adjustment of refunds  Members' deposits used to purchase annuities  Pensions paid to retired members and to dependents of members who died from injuries received in course of employment  Annuities paid to members from their contributions  Regular interest and extra dividend credited to members' accounts  Salaries and contingent expenses  Refunds to estates of 6 deceased annuitants who at the time of their retirement elected the refund annuity option  Adjustment book value of securities (amortized values)  Deposits, Normal School to teachers' retirement board  Total disbursements  Balance December 31, 1927  Total  LEDGER ASSETS  Investments, par value \$3,629,925; amortized value  Cash (credit balance)	.04 42,262.31 134,220.79 20,618.24 146,113.37 13,944.16 3,231.31 4,404.37 2,080.50 \$567,546.59 3,761,930.90 \$4,329,477.49
Deposits refunded, including interest, to members withdrawing from service  Deposits refunded, including interest, to representatives of deceased members  24,602.86  Adjustment of refunds  Members' deposits used to purchase annuities  Pensions paid to retired members and to dependents of members who died from injuries received in course of employment  Annuities paid to members from their contributions  Regular interest and extra dividend credited to members' accounts  Salaries and contingent expenses  Refunds to estates of 6 deceased annuitants who at the time of their retirement elected the refund annuity option  Adjustment book value of securities (amortized values)  Deposits, Normal School to teachers' retirement board  Total disbursements  Balance December 31, 1927  Total  LEDGER ASSETS  Investments, par value \$3,629,925; amortized value  NON-LEDGER ASSETS	.04 42,262.31 134,220.79 20,618.24 146,113.37 13,944.16 3,231.31 4,404.37 2,080.50 \$567,546.59 3,761,930.90 \$4,329,477.49 \$3,763,004.90 1,074.00 \$3,761,930.90
Deposits refunded, including interest, to members withdrawing from service  Deposits refunded, including interest, to representatives of deceased members  24,602.86  Adjustment of refunds  Members' deposits used to purchase annuities  Pensions paid to retired members and to dependents of members who died from injuries received in course of employment  Annuities paid to members from their contributions  Regular interest and extra dividend credited to members' accounts  Salaries and contingent expenses  Refunds to estates of 6 deceased annuitants who at the time of their retirement elected the refund annuity option  Adjustment book value of securities (amortized values)  Deposits, Normal School to teachers' retirement board  Total disbursements  Balance December 31, 1927  Total  LEDGER ASSETS  Investments, par value \$3,629,925; amortized value  Cash (credit balance)	.04 42,262.31 134,220.79 20,618.24 146,113.37 13,944.16 3,231.31 4,404.37 2,080.50 \$567,546.59 3,761,930.90 \$4,329,477.49 \$3,763,004.90 1,074.00

LIABILITIES	
Deposits of members including \$43,472.80 in hand of agents of the Board \$2 Regular interest and extra dividends credited to members' accounts Unpaid annuities due Dec. 31, 1927 Refunds due estates of deceased annuitants who at the time of their retirement elected	,963,613.57 671,727.15
the refund annuity option Annuity reserve \$161,737.00 Annuity reserve surplus	
	161,737.00
Surplus (undivided profits)	58,506.81
Total liabilities	3,855,584.53
MEMBERSHIP EXHIBIT	
Members' accounts:	
	748 820
. 10	568
Members retired	300
Members deceased	
Members left service	354
Q .	214
Plus adjustment of refunds previous year	15
9.	229
Active accounts (members contributing on 12–31–27)	8,962 267
Total accounts 12-31-27	9,229
Retired members:  Members retired December 31, 1926	351
Between 60-70 years age	
At age 70	
With 35 years' service under age 60	
Accidental disability	43 394
Retired members who died during year	22
Members retired December 31, 1927	372
Non-members:	
Pensions to widows account of death of husband from injuries received in	3
line of duty (12-31-26)	2
	5
Widows deceased during year	0
Total widows on list 12-31-27	5 1
Special Legislative act	i
Total on pension roll, December 31, 1927	379

We hereby certify that the above statement is a complete and correct exhibit of the financial condition of the Retirement System of the Commonwealth on the 31st day of December, 1927, to the best of our knowledge and belief.

WILLIAM S. YOUNGMAN ELIZABETH F. MOLONEY Board of Retirement. CLARENCE L. SCAMMAN

Subscribed and sworn to before me this thirteenth day of February, 1928.

ELSIE E. HORMEL, Notary Public.