The Commonwealth of Massachusetts

MASS. DOCS. COLL.

ANNUAL REPORT

OF THE

Teachers' Retirement Board

FOR THE

YEAR ENDING DECEMBER 31, 1936

DEPARTMENT OF EDUCATION

STATE HOUSE, BOSTON

JAMES G. REARDON, Commissioner of Education

Members of Advisory Board

THE COMMISSIONER OF EDUCATION, Chairman, ex officio Term expires

1937. THOMAS H. SULLIVAN, Slater Building, Worcester

1937. ALEXANDER BRIN, 319 Tappan Street, Brookline

1938. MRS. ANNA M. POWER, 15 Ashland Street, Worcester

1938. MISS MARY E. MURRAY, 1 Merrill St., Cambridge

1939. P. A. O'CONNELL, 155 Tremont Street, Boston

1939. ROGER L. PUTNAM, 132 Birnie Avenue, Springfield

GEORGE H. VARNEY, Business Agent WILLIAM J. O'KEEFE, Supervisor of Office Organization

Teachers' Retirement Board

CLAYTON L. LENT, Secretary [Offices: 100 Nashua Street, Boston]

Members of Board

JAMES G. REARDON, *Chairman*, State House, Boston HARRY SMALLEY, Fall River ELIZABETH F. WASSUM, Springfield

PUBLICATION OF THIS DOCUMENT APPROVED BY THE COMMISSION ON ADMINISTRATION AND FINANCE 300. 6-'37. Order 1102.

The Commonwealth of Massachusetts

TWENTY-THIRD ANNUAL REPORT OF THE TEACHERS' RETIREMENT BOARD

To the Honorable Senate and House of Representatives:

The Teachers' Retirement Law was amended at the last session of the Legislature, reducing the number of years of service required for retirement on account of permanent disability before age sixty from twenty years to fifteen years. A minimum retiring allowance of \$400 was also established for teachers retired on account of disability who have to their credit at the time of retirement the assessments with interest thereon for service for a period of fifteen years.

The Teachers' Retirement Board has estimated that it will be necessary that the State appropriate the following amounts for the fiscal year ending November 30, 1937:

Pensions to retired mem										
the annuity fund .		•	•			•		•	•	\$1,240,000.00
the annuity fund . Reimbursement of cities	and	town	s on	acco	unt c	of	pensior	s p	aid	
under local systems										279,618.14
Administration expenses										20,580.00
-										

\$1,540,198.14

The rate of assessment for the school year beginning July 1, 1936, was fixed at 5% of the annual salary of each member, subject to the provision of the law which requires that the minimum annual assessment shall be \$35 and the maximum annual assessment \$100. Notice has been given by the Board of its intention to continue this rate for the school year beginning July 1, 1937.

In accordance with the provisions of the retirement law, 1,023 teachers who entered the service for the first time were enrolled as members of the Retirement Association. There were also 116 teachers who served in the public schools of Massachusetts prior to July 1, 1914, who joined the Association by paying their back assessments with interest. On December 31, 1936, there were 20,408 active members, of whom 3,782 were teachers who served in Massachusetts prior to July 1, 1914, and voluntarily joined the Retirement Association and 16,626 were teachers who entered the service of this State for the first time since that date and were required to join.

Interest at the rate of $3\frac{1}{2}\%$ was credited to the accounts of the members on December 31, 1936. The total interest credited for the year to the members' accounts and the annuity reserve fund amounted to \$928,849.14.

The total deposits for the year amounted to \$1,888,851.51. Payments amounting to \$487,926.89 were made on account of members who left the service of the public schools of Massachusetts. Of this amount, \$398,225.48 was contributions and the balance, \$89,701.41, was interest. Payments for the year amounting to \$159,323.70 were made to the estates of deceased members.

The income over disbursements amounted to \$2,064,547.37. On December 31, 1936 the gross assets were \$28,559,585.53 and the total liabilities amounted to \$27,904,612.15, leaving a surplus of \$654,973.38.

One hundred ninety-two teachers retired during the year 1936, their annual retiring allowances amounting to \$172,813.40. Of this amount, \$46,855.60 was annuity derived from the contributions made by these members before retirement and the balance was pension paid from State appropriations. The retirements for the year were as follows: On account of disability before attaining the age of sixty, 9; voluntary retirements, ages sixty to sixty-nine, 124; compulsory retirements at age seventy, 59.

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The following tab	ble gives statistics re	elating to the 192	members retired in 1936:

Retirements	Number of Retire- ments	Average Age at Re- tirement	Average Length of Service	Average Salary Last 5 Years	Average Annuity	Average Pension	Average Retiring Allowance
Before age 60 on ac- count of disability . At age 60 or over, with-	9	56.00	27.64	\$2,494.26	\$180.72	\$389.91	\$570.63
out credit for prior service* . At age 60 or over, with	10	67.40	17.84	2,306.68	252.02	267.69	519.71
credit for prior serv- ice*	173	66.13	39.11	1,923.16	246.87	692.32	939.19

*Teachers who served in Massachusetts prior to July 1, 1914, who have at the time of retirement 15 years of service in this State, the last 5 of which are continuous, receive a pension from the State based on their total service in Massachusetts.

Of the 173 teachers retired during the year at the age of sixty or over with credit allowance for service prior to July 1, 1914, 93 received the maximum pension payable under the retirement law and only one received the minimum pension. Thirteen of these 173 teachers had served in the public schools of Massachusetts for fifty years or more.

On December 31, 1936 there were 1,783 retired members living who retired at the age of sixty or over and the average retiring allowance for these members was \$792.34. There were 98 retired members living who were retired on account of disability before age sixty. The average retiring allowance for these members was \$403.06. There were, therefore, 1,881 retired members living on December 31, 1936, their retiring allowances amounting to \$1,452,250.56, of which \$1,160,584.56 is pension paid from State appropriations and \$291,666.00 is annuity.

There are 1,598 members of the Retirement Association who during 1937 will be eligible to retire at the age of sixty or over, 54 of whom will be required to retire at the compulsory age of seventy.

Respectfully submitted,

JAMES G. REARDON, *Chairman*, HARRY SMALLEY ELIZABETH F. WASSUM

STATEMENT FOR THE YEAR ENDING DECEMBER 31, 1936, MADE TO THE COMMISSIONER OF INSURANCE BY THE SECRETARY OF THE TEACHERS' RETIREMENT BOARD.

Income

Income	
Members' deposits	\$1,830 328 23
Deposits of teachers who are accumulating the amount due for	
membership	54, 184.16
Deposits transferred from State Employees' Retirement Association	4,339.12
Deposits and interest used to purchase membership for teachers	
who have been accumulating the amount due for membership	51,714.67
Members' deposits and interest used to purchase annuities .	467,291.63
Interest received on investments (less \$24,339.59 accrued interest	1 154 050 10
paid on securities purchased during the year)	1,154,856.18
Received from Commonwealth:	
For payment of pensions to retired members \$1,115,760.44 For reimbursement of cities and towns . 270,981.73	
For administration expenses	
For deficit in Annuity Fund for retired mem-	
bers for the year 1935	
	1,425,491.16
Total income	\$4,988,205.15
	, ,
Disbursements	8
Deposits refunded, including interest, to members withdrawing	
from teaching service	\$469,918.47
Deposits refunded, including interest, to estates of members who	
died before retirement	133,507.09
Balance of deposits and interest refunded to estates of deceased	07 010 01
annuitants who elected a refund annuity	$25,\!816.61$
Transferred to State Employees' Retirement Association for mem-	10 000 40
bers who entered the State service	18,008.42
Deposits and interest used to purchase membership for teachers	51,714.67
who have been accumulating the amount due for membership. Members' deposits and interest used to purchase annuities .	467,291.63
Investment Expenses	8.00
Net decrease in book value of securities	83,656.54
Payments to retired members:	00,000.01
Pensions paid from funds appropriated by	
the Commonwealth \$1,115,760.44	
Annuities paid from funds to the credit of	
retired members at the time of their retire-	
ment	
	1,385,886.15
Reimbursement of cities and towns on account of	
pensions paid to teachers retired subsequent	
to July 1, 1914:	
Boston	
Brookline 1,647.55	
Cambridge 1,000.00	
Milton . . . 1,000.00 Wellesley . . . 1,165.98	
Wellesley	270,981.73
Administration expenses for calendar year 1936:	210,001.10
Salaries of employees	
Sundry contingent expenses	
	16,868.47
Total payments	\$2,923,657.78
Income over disbursements	\$2,064,547.37

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1.12.100			v
1	Assets		
Investments, par value (Schedu value	ule A) \$26,8	23,911.62; amo	ortized . \$28,043,493.43
Cash	• •	• • •	. 95,009.60
Interest due and unpaid	•••	• • •	. 1,765.00
Accrued interest on investments			. 384,427.68
Due from Commonwealth on ac		cit in Annuity	
for retired members for the	year 1936	• • •	. 34,889.82
Gross assets			. \$28,559,585.53
	Liabilitie	0	
Deposite of members in active se			190.64
Deposits of members in active se Regular interest credited to same		$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	129.04 750 09
Regular interest credited to same	· ·	. 0,427,	25,192,888.46
Deposits of teachers who are a			
amount due for membership			973.86
Regular interest credited to same	e	. 5,4	462.62
Deposita of members who have	with drawn f		126,436.48
Deposits of members who have the service of the public sch			
questing a refund of the a			
credit			890.40
Regular interest credited to same	e	. 43.3	348.75
			189,239.15
Due representatives of deceased		·	. 25,044.82
Annuity reserve and amount due			
Estimated interest to be credited	•	received in 193	
Surplus	• •	• • •	. 654,973 38
Total liabilities			. \$28,559,585.53
Л	lembership E	rhihit	
	Lenwership L	union	00.007
Membership December 31, 1935 Voluntary members admitted to	 Retiremen		. 22,037
1936	o reconcinent		· 116
Teachers required by law to becc	ome members		. 1,023
Reinstated			. 130
	1000		23,306
Number deceased during the yea	r 1936 .	•	150
Number left service	Dotingent	Accoriotion	852
Transferred to State Employees'	Retirement	Association .	$\frac{15}{}$ 1,017
			1,017
Membership December 31	, 1936 .		. 22,289

I hereby certify that the above statement is a complete and correct exhibit of the financial condition of the Teachers' Retirement System of the Commonwealth of Massachusetts on the thirty-first day of December, 1936.

CLAYTON L. LENT, Secretary, Teachers' Retirement Board.

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STATEMENT FOR THE YEAR ENDING DECEMBER 31, 1936, MADE TO THE SECRETARY OF THE TEACHERS' RETIREMENT BOARD IN COMPLIANCE WITH THE PROVISIONS OF PARAGRAPH (5), SECTION 14, CHAPTER 32 OF THE GENERAL LAWS.

Income

Received from the secretary of the Received from Commonwealth or							\$1,888,851.51
Fund for retired members for Interest received on investments (year 1	1935				·	$21,\!880.52$
paid on securities purchased at						•	1,154,856.18
Total receipts Ledger assets December 31, 1935	•			•		•	\$3,065,588.21 \$25,171,655.77
Ledger assets December 51, 1955	•	•	•	•	•	•_	φ20,171,000.77
Total	•		•				\$28,237,243.98
	Pay	ments					
Annuities	rofund	Iod. to	ostat	og of	dogoos	d	\$270,125.71
annuitants who elected a refu	nd ani	nuity					$25,\!816.61$
Deposits refunded to members y	withdr	awing	from	the	teachi	ng	
service and to estates of memb					rement	; .	$603,\!425.56$
Transferred to Retirement Fund for					•		18,008.42
Premium on securities purchased (less \$	1,681.9	2 dis	count).		400,938.46
Investment expenses	·	·	·	·	•	•	8.00
Total payments							\$1,318,322.76
Balance	•	•	·	•	•	·	\$26,918,921.22
	A	ssets					
Investments, par value (Schedule	A)						\$26,823,911.62
Cash	•	•	•	•	•	·	95,009.60
Total assets							\$26,918,921.22

I hereby certify that the above is a correct exhibit of the financial condition of the Teachers' Retirement System of the Commonwealth of Massachusetts on the thirty-first day of December, 1936.

CHARLES F. HURLEY, Treasurer and Receiver General.

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YEAR ENDING	Enr	OLLED DU YEAR	RING	Мем	BERS IN A SERVICE	Re- tired during	Mem- bers on Retired	
	Volun- tary.	Com- pulsory.	Total.	Volun- tary.	Com- pulsory.	Total.	Year.	List.
Dec. 31, 1914 ¹ .	6,185	1.187	7,372	6,037	1.170	7,207	130	129
Dec. 31, 1915	142	1.562	1.704	5,954	2,472	8,426	66	186
Dec. 31, 1916	99	1,591	1,690	5,822	3,619	9,441	46	226
Dec. 31, 1917	103	1.659	1,762	5.676	4,571	10.247	76	287
Dec. 31, 1918	80	1.902	1,982	5,453	5,386	10,839	65	338
Dec. 31, 1919 .	. 94	1.771	1.865	5,283	6,319	11.602	56	380
Dec. 31, 1920 .	137	2,123	2,260	5,237	7,474	12,711	55	409
Dec. 31, 1921 .	. 87	2,056	2,143	5,110	8,528	13,638	97	487
Dec. 31, 1922 .	. 127	2,048	2,175	5,044	9,541	14,585	93	558
Dec. 31, 1923 .	. 84	2,030	2,114	4,934	10,362	15,296	81	608
Dec. 31, 1924 .	. 80	2,029	2,109	4,844	11,244	16,088	92	667
Dec. 31, 1925 .	. 99	2,069	2,168	4,769	12,162	16,931	114	750
Dec. 31, 1926 .	. 121	1,987	2,108	4,694	12,963	17,657	139	852
Dec. 31, 1927 .	105	1,925	2,030	4,607	13,666	18,273	135	950
Dec. 31, 1928 .	. 82	1,733	1,815	4,488	14,245	18,733	141	1,054
Dec. 31, 1929 .	. 113	1,859	1,972	4,401	14,836	19,237	151	1,158
Dec. 31, 1930 .	. 116	1,717	1,833	4,331	15,522	19,853	150	1,253
Dec. 31, 1931 .	. 124	1,439	1,563	4,259	15,954	20,213	157	1,345
	110	686	796	4,169	15,829	19,998	162	1,448
Dec. 31, 1933 .	112	705	817	4,032	15,767	19,799	203	1,572
Dec. 31, 1934	132	1,056	1,188	3,953	16,060	20,013	174	1,671
Dec. 31, 1935 .	139	1,104	1,243	3,888	16,385	20,273	178	1,764
Dec. 31, 1936 .	. 130	1,023	1,153	3,782	16,626	20,408	192	1,881
							11	

COMPARATIVE MEMBERSHIP AND FINANCIAL STATEMENTS Membership Exhibit

Financial Statement

Year Ending	Total Deposits Received during Year.	Interest Credited during Year to Members' Accounts.	Interest Credited to Annuity Reserve.	Deposits with Interest of Retiring Members Used to Purchase Annuities.	Annuity Reserve for Pay- ment of Annuities to Retired Members.	Gross Assets.
Dec. 31, 1914 ¹ Dec. 31, 1915 Dec. 31, 1916 Dec. 31, 1916 Dec. 31, 1917 Dec. 31, 1917 Dec. 31, 1919 Dec. 31, 1920 Dec. 31, 1920 Dec. 31, 1922 Dec. 31, 1924 Dec. 31, 1924 Dec. 31, 1924 Dec. 31, 1926 Dec. 31, 1926 Dec. 31, 1928 Dec. 31, 1928 Dec. 31, 1930 Dec. 31, 1931 Dec. 31, 1933 Dec. 31, 1934 Dec. 31, 1934 Dec. 31, 1936	$\begin{array}{r} \$113,153 & 34\\ 336,679 & 34\\ 336,679 & 34\\ 376,998 & 65\\ 437,222 & 85\\ 477,475 & 66\\ 578,891 & 19\\ 808,581 & 60\\ 946,538 & 94\\ 1,046,830 & 56\\ 1,235,971 & 82\\ 1,324,926 & 82\\ 1,324,926 & 82\\ 1,324,926 & 82\\ 1,324,926 & 82\\ 1,324,926 & 82\\ 1,324,926 & 82\\ 1,324,926 & 82\\ 1,324,926 & 82\\ 1,324,926 & 82\\ 1,325,971 & 83\\ 1,594,173 & 83\\ 1,594,173 & 83\\ 1,594,173 & 83\\ 1,594,173 & 83\\ 1,594,173 & 83\\ 1,594,173 & 83\\ 1,596,185 & 56\\ 1,825,165 & 66\\ 1,829,706 & 88\\ 1,769,508 & 72\\ 1,871,285 & 95\\ 1,917,608 & 94\\ 1,888,851 & 51\\ \end{array}$	\$217 20 7,369 17 22,504 79 37,996 54 54,068 60 71,470 87 106,283 35 141,775 11 181,121 85 224,065 18 270,453 78 321,424 79 375,888 30 431,240 17 493,211 85 558,111 15 624,752 26 696,074 86 742,411 16 764,655 80 823,429 87 787,660 86	$\begin{array}{r} \$53 \ 41\\ 192 \ 34\\ 501 \ 86\\ 869 \ 93\\ 1,358 \ 88\\ 2,162 \ 28\\ 3,140 \ 42\\ 4,855 \ 87\\ 6,509 \ 64\\ 8,413 \ 48\\ 10,901 \ 56\\ 14,591 \ 98\\ 19,459 \ 39\\ 24,688 \ 17\\ 30,671 \ 86\\ 14,591 \ 98\\ 24,688 \ 17\\ 30,671 \ 56\\ 58,932 \ 74\\ 750,568 \ 68\\ 58,932 \ 74\\ 71,064 \ 40\\ 79,766 \ 27\\ 77,766 \ 27\\ 87,471 \ 20\\ \end{array}$	386,809 86 401,029 41	$\begin{array}{r} \$108 \ 41\\ 3,187 \ 89\\ 7,017 \ 09\\ 16,876 \ 89\\ 27,597 \ 69\\ 41,117 \ 49\\ 53,544 \ 77\\ 90,494 \ 24\\ 129,281 \ 94\\ 162,483 \ 88\\ 212,529 \ 98\\ 278,403 \ 73\\ 382,064 \ 25\\ 491,467 \ 68\\ 621,999 \ 74\\ 769,444 \ 53\\ 920,130 \ 46\\ 11\\ 1,295,509 \ 38\\ 1,553,919 \ 09\\ 1,811,952 \ 62\\ 2,050,292 \ 91\\ 2,344,003 \ 24\\ \end{array}$	$\begin{array}{r} \$113,499\ 59\\ 457,910\ 14\\ 824,105\ 89\\ 1,242,582\ 53\\ 1,680,036\ 81\\ 2,199,645\ 49\\ 2,927,277\ 16\\ 3,842,384\ 60\\ 4,854,410\ 54\\ 5,910,775\ 86\\ 7,109,106\ 44\\ 8,439,043\ 09\\ 9,861,094\ 02\\ 11,314,665\ 92\\ 12,894,703\ 27\\ 114,516,715\ 81\\ 16,279,606\ 019\ 16\\ 20,266,919\ 16\\ 22,199,438\ 97\\ 24,298,675\ 49\\ 26,479,649\ 88\ 97\\ 24,298,657\ 49\\ 26,479,649\ 88\ 57\\ 585\ 55\ 58\\ 58\ 58\ 58\ 58\ 58\ 58\ 58\ 58\ 58\ 58\$

Financial Statement-Cont.

Year Ending	Payments on Account of Mem- bers Who Have Left	Payments PAYMENTS TO to RETIRED MEMBERS of		Reimburse- ment of Cities and Towns for Pensions to	Expenses of	Total Cost to the State. ² , ⁴	
	the Serv- ice.	Deceased Members.	Annuity.3	Pension.4	Teachers under Local Systems. ⁴	Adminis- tration.4	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	\$17 50 2,241 42 32,629 91 54,366 72 90,911 44 123,339 76 151,197 08 169,C75 27 207,035 74 265,761 00 323,142 12 291,609 07 323,142 12 386,770 98 352,305 35 451,040 75 386,770 98 365,369 20 421,196 48 425,844 42 419,040 80	\$706 94 2,402 29 3,921 60 5,808 36 14,284 32 10,528 69 11,444 97 24,228 31 35,27€ 13 35,27€ 13 35,27€ 13 26,240 89 37,102 41 51,383 93 47,781 39 77,591 72 50,307 20 73,114 19 87,683 28 87,353 54 119,240 54 119,240 54 149,290 73 149,290 73 149,293 70		$\begin{array}{c} 56,473 \ 299\\ 75,608 \ 38\\ 91,244 \ 45\\ 111,058 \ 04\\ 129,274 \ 75\\ 143,161 \ 17\\ 177,072 \ 57\\ 425,079 \ 94\\ 280,300 \ 32\\ 408,898 \ 28\\ 408,898 \ 28\\ 471,529 \ 70\\ 535,159 \ 97\\ 597,629 \ 38\\ 670,531 \ 94\\ 739,862 \ 91\\ 1\end{array}$		$\begin{array}{r} 15,365 & 30 \\ 15,849 & 14 \\ 16,583 & 68 \end{array}$	$\begin{array}{c} 114,930\ 71\\ 141,467\ 09\\ 166,016\ 87\\ 186,294\ 67\\ 233,696\ 72\\ 312,093\ 30\\ 363,371\ 84\\ 400,471\ 37\\ 458,043\ 66\\ 528,460\ 66\\ 528,460\ 66\\ 609,882\ 50\\ 686,509\ 69\\ 769,758\ 02\\ 853,243\ 95\\ \end{array}$

¹Six months' period. Date of establishment of system, July 1, 1914. ²Including Contributions to make good deficits in Annuity Fund. ³From contributions made by members before retirement. ⁴Paid from State appropriations.

SCHEDULE A

Securities (Bonds and Notes)

Description	Rate (Per Cent)	Par Value	Amortized Value Dec. 31, 1936	Accrued Interest Dec. 31, 1936
Akron, Ohio	41/4	\$10,000	\$10,225.41	\$106.25
Akron, Ohio	$\begin{array}{c} 4\frac{1}{4} \\ 4\frac{1}{2} \\ 4\frac{3}{4} \end{array}$	30.000	30,832,83	337.50
Akron, Ohio	4% 5	$25,000 \\ 15,000$	25,288.75 16 623 07	296.87 187.50
Akron, Ohio Akron, Ohio Akron, Ohio	51/2	30,000	16,623.07 33,422.08	825.00
Akron, Ohio	6	5,000	5 000 00	75.00
Alabama, State of		40,000 100,000	38,882.88	533.33
Alabama, State of	$ \begin{array}{r} 4\frac{1}{4} \\ 4\frac{1}{2} \\ 4\frac{3}{4} \\ 014 \end{array} $	140,000	38,882.88 100,991.39 145,824.64 47,926.45 134,000.00	$619.79 \\ 862.50$
Alabama, State of	434	45,000	47,926.45	712.50
Atlantic City, N. J.	$\frac{21}{2}$	134,000	$134,000.00 \\ 6,000.00$	$1,675.00 \\ 90.00$
Auburn, N. Y.	$2\frac{1}{2}$ 3 5 $\frac{1}{4}$	6,000 80,000	81.294.74	1,400.00
Baltimore, Md	4	354,000	81,294.74 349,766.49	3,940.01
Baltimore, Md.	5 4	680,000 60,000	730.153.64	9,645.84 600.00
	4	21,000	59,371.72 22,720.10 101,671.10 5,372.49	174.99
Barrington, R. I. Bayonne, N. J. Bayonne, N. J.	41/2	100,000	101,671.10	$174.99 \\ 1,687.50$
Bayonne, N. J. Birmingham, Ala.	5	5,000 55,000	5,372.49 54,961.44	$114.58 \\ 460.42$
Birmingham, Ala.	$4\frac{1}{4}$ $4\frac{1}{2}$	50.000	50 682 72	562.50
Birmingham, Ala.	5	56,000	59,819.34	1,012.50 87.50
Boston, Mass	$\frac{3\frac{1}{2}}{4}$	56,000 25,000 349,900	24,157.66	87.50
Boston, Mass.		60.000	335,487.92 58,207.34	3,779.00 1,133.33
Boston, Metropolitan District Boston, Metropolitan District	$ \begin{array}{r} 414\\ 21{2}\\ 434\\ 314\\ 5\\ 2\\ 4 \end{array} $	25,000 479,000	25,442.62	1,133.33 27.78
Boston, Metropolitan District		479,000	25,442.62 471,376.00 88,131.27	7,584.15
Braintree, Mass Bristol, Conn	5	86,000 40,000	88,131.27 42,247.39	931.64 333.33
Brockton, Mass.	2	22,000 25,000	21,659.37	110.00
Brockton, Mass.	4	25,000	28,195.42	333.33
Burrillville, R. I.	31/2 31/2 33/4	6,000 25,000	5,917.39 27 214 07	$70.00 \\ 437.50$
California, State of	334	50,000	27,214.07 55,703.60	937.50
California, State of	4	$161,000 \\ 185,000$	168,793.58	2.958.78
California, State of	$4\frac{1}{4}$ $4\frac{1}{2}$	145,000	$\begin{array}{c} 189,906.36 \\ 149,346.18 \end{array}$	3,722.29 3,215.00
California, State of	5	80,000	84,648.97	1,977.77
Cambridge, Mass.	$5 \\ 3^{1}/_{2} \\ 4^{1}/_{4} \\ 4^{1}/_{2} \\ 4^{1}/_{4} \\ 4^{1}/_{2} $	24,000	22,842.22	186.67
Cambridge Mass.		50,000 81,000	50,844.79 84,142.84	177.08 663.70
Cambridge, Mass. Camden, N. J. Canton, Ohio Canton, Ohio	414	10,000	10,126.15	212.50
Canton, Ohio	$\frac{4^{1}}{2}$	50,000	51,444.95	750.00
Canton, Ohio	$5\\5\frac{1}{2}$	$40,000 \\ 25,000$	43,123.08 25,865.04	291.67 114.58
Chelsea, Mass. Chelsea, Mass.	$3\frac{1}{2}$	44,000	47,163.05	641.66
Chelsea, Mass.	4	19,000	21,622.19	303.33
Chicopee, Mass.	$1\frac{3}{4}$	$10,000 \\ 59,000$	$10,233.74 \\ 64,316.00$	$29.17 \\ 1,153.33$
Cincinnati, Ohio	$4\frac{1}{2}$	145,000	153.521.46	918.75
Cincinnati, Ohio	5	266,000	274,170.90	6,538.90
Cleveland, Ohio		22,000 75,000	23,495.72 76,141.62	628.98 796.87
Cleveland, Ohio	$ \begin{array}{r} 534\\ 414\\ 414\\ 434\\ 434 \end{array} $	182,000	188,031.80	2,430.00
Cleveland, Ohio	434	225,000	233,361.75	2,770.81
Cleveland, Ohio	$5 \\ 5^{1}/_{2}$	$143,000 \\ 77,000$	$152,957.47 \\ 79,593.91$	2,720.82 1,274.16
Columbus, Ohio	4	43,000	46,792.31	716.67
Columbus, Ohio	41/2	154,000	157,195.12	2,640.00
Columbus, Ohio	$5 \\ 5^{1}/_{2}$	$154,000 \\ 45,000$	$158,478.08 \\ 47,201.20$	1,066.67 206.25
Cranston, R. I.	4	20,000	20,000.00	133.33
Cranston, R. I.	414	35,000	35,282.68	88.54
Dallas, Texas	$ \begin{array}{r} 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 5 \\ 3 \\ 3 \\ \end{array} $	40,000 190,000	39,933.69 194,888.21	$425.00 \\ 3.000.00$
Danbury, Conn.	51/2	69,000	70,418.67	1,897.50
Dayton, Ohio	334	28,000	27.677.68	350.00
Dayton, Ohio	$4\frac{1}{4}$ $4\frac{1}{2}$	20,000 190,000	20,135.24 192.429.29	$212.50 \\ 2.587.50$
Dayton, Ohio	434	17,000	192,429.29	2,387.50
Dayton, Ohio	$ \begin{array}{r} 434 \\ 5 \\ 512 \\ 212 \\ 414 \\ 414 \\ 412 \\ $	72,000	75,667.79	1,508.33
Dayton, Ohio	214	$143,000 \\ 14,000$	153,439.91 14,378,35	1,801.25 175.00
Denver, Colo.	414	140,000	$\begin{array}{r} 14,378.35\\141,339.91\end{array}$	495.84
Des Moines, Iowa	414	14,000	14,155.05	49.58
Des Moines, Iowa	41/2	$43,000 \\ 115,000$	43,857.06	$161.25 \\ 1,687.51$
Detroit. Mich.	31/4	34,921.62	$119,142.35 \\ 34,921.62$	472.87
Detroit, Mich	$ \begin{array}{c} \frac{4}{2} \\ 4\frac{1}{2} \\ 5 \\ 3\frac{1}{4} \\ 4\frac{1}{4} \\ 4\frac{1}{2} \end{array} $	1,000	1,000.00	472.87 3.54
	41/2	395,000	395,876.88	2,387.50

SCHEDULE A—Continued

Detroit Mich	5	\$26,000	\$26,000.00	\$112.50
Detroit, Mich.	51/2	322,000	331,127,33	4,411.45
Detroit, Mich.	6	30,000	331,127.33 30,000.00	750.00
Dubuque, Iowa	$4\frac{1}{2}$ $4\frac{1}{2}$	25,000 25,000	25,000.00	281.25
Duluth, Minn.	41/2	25,000	25,718.30 26,999.27	562.50
East Chelmsford, Mass	41/	26,000 132,000	133,824.39	$346.71 \\ 1,211.26$
Erie, Penn.	$4\frac{1}{4}$ $4\frac{1}{4}$	20,000	20,000.00	141.66
Everett, Mass.	31/2	5,000 21,000	4,990.00 20,343.78	87.50
Everett, Mass.	4	21,000	20,343.78	210.00
Everett. Mass.	$4\frac{1}{4}$ $3\frac{1}{2}$	10,000	11,133.37	141.67
Fall River, Mass Fall River, Mass	4	$34,000 \\ 25,000$	30,938.70 24,979.62	-317.92 333.33
Fail River, Mass.	2	95,000	93.997.14	950.00
	33/4	18,000	19,787.54	281.24
Flint, Mich.	3	2,690	2,690.00	36.99
Flint, Mich.	41/4	30,000	30,608.83	637.50
Flint, Mich. Flint, Mich. Flint, Mich. Flint, Mich. Flint, Mich. Flint, Mich. Flint, Mich. Fort Worth, Texas Fort Worth, Texas Fort Worth, Texas	41/2 43/4	110,000	111,259.72 61,047.63	$975.00 \\ 118.74$
Flint, Mich.	5	60,000 55,000	55,433.77	875.00
Fort Worth, Texas	$4\frac{1}{4}$ $4\frac{3}{4}$	55,000 35,000	56 1 7 4 8 1	973.96
Fort Worth, Texas	43/1	35,000	36,795.57	831.25
Framingham, Mass	4	4,000 48,000	4,239.67 48,661.27	$\begin{array}{c} 66.67 \\ 1.020\ 00 \end{array}$
Freeno Cal	$4\frac{1}{4}$ $4\frac{1}{2}$	70,000	83,902.91	1,566.25
Fresno, Cal. Gary, Ind. Grand Rapids, Mich.	6	21,000	22,707.78	105.00
Grand Rapids, Mich.	4	150,000	22,707.78 152,436.68	2,499.99
Grand Rapids, Mich.	41/2	276,000	280.959.97	4.447.50
Grand Rapids, Mich	6 5	100,000 18,000 9,000	102,867.81 18,146.94	1,000 00
Hamilton, Ohio	31/0	9,000	8,437.52	$225.00 \\ 157.50$
Hartford, Conn.	$3\frac{1}{2}$ $4\frac{1}{2}$	100.000 1	100 192 96	1,875.00
Hartford, Conn	2	10,000	9,871.74 117,818.36	100.00
Holyoke, Mass	4	109,000	117,818.36	1,163.33
Houston, Texas	$\frac{4^{1/2}}{5}$	25,000	25,000.40	$562.50 \\ 741.67$
Huntington W Va	41/2	53,000 68,000	54,668.03 69,473.11	1,530.00
Jersey City, N. J.	414	20,000	20 054 85	70.83
Jersev City, N. J.	$\begin{array}{c} 41_{2} \\ 41_{4} \\ 41_{4} \\ 41_{2} \\ 43_{4} \\ 43_{4} \end{array}$	25,000	25,466.33 52,298.70 67,482.79	187.50
Jersey City, N. J.	43/4	50,000 65,000	52,298.70	$197.92 \\ 812.50$
Jersey City, N. J.	5	65,000	67,482.79	
Jersey City, N. J	5 5 ¹ / ₂ 4 ¹ / ₄	131,000	145,081.64 54,571,64	$2,676.67 \\ 361.25$
Kansas City, Mo	$ \begin{array}{c} 1 \\ 4 \\ 2 \\ 3 \\ 4 \\ 3 \\ 5 \\ 3 \\ 4 \\ 5 \\ 3 \\ 4 \\ 5 \\ 3 \\ 4 \\ 5 \\ 3 \\ 4 \\ 5 \\ 3 \\ 4 \\ 5 \\ 3 \\ 4 \\ 5 \\ 3 \\ 4 \\ 5 \\ 3 \\ 4 \\ 5 \\ 5 \\ 3 \\ 4 \\ 5 \\ 5 \\ 3 \\ 4 \\ 5 \\ 5 \\ 3 \\ 4 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5$	51,000 25,000	54,571.64 25,218.49	375.00
Lawrence, Mass.	234	00,000 [70,019.17	155.83
Lawrence, Mass	$3\frac{1}{2}$	19,000	21,234.25	221.66
Lawrence, Mass.	$5^{3/4}$	$100,000 \\ 52,000$	23,210.49 70,019.17 21,234.25 102,009.97 54,233.89 71,090.59 112,538.06	$479.16 \\ 433.29$
Leominster, Mass	41/4	70,000	71 090 59	1,487.50
Lewiston, Maine	4	95,000	112,538.06 79,569.86 11,333.94	316.67
Long Beach, Cal	$4\frac{1}{4}$	70,000 10,000	79,569.86	1,239.58
Long Beach, Cal.	4%	10,000	11,333.94	197.92
Long Beach, Cal.	5 3 ³ ⁄4	110,000	11,030.54 137,475.43 107,166.88 52,023.52 717,529.63 295,056.77 157,067,09	$458.33 \\ 937.50$
Los Angeles, Cal	374 41/	$100,000 \\ 45,000$	52 023 52	318.75
Los Angeles, Cal.	$ \begin{array}{c} 4\frac{1}{4} \\ 4\frac{1}{2} \\ 4\frac{3}{4} \end{array} $	630 000 1	717.529.63	4.556.25
Los Angeles, Cal.	434	272,000	295,056.77	4,156.22 2,312.50
Los Angeles, Cal	5	272,000 142,000 20,000	157,967.02 20,868.90	2,312.50
Louisiana, Port Commission	5	20,000	20,868.90	458.33
Louisiana, State of	21/4	82,000 30,000	86,769.00	$1,516.67 \\ 337.50$
Ludlow, Mass.	4	6.000 1	30,115.84 6,578.38 83,322.66	40.00
Lynchburg, Va.	5	75,000 1	83,322.66	1,875.00
Lynn, Mass	334	8,000 57,000 50,000	8,650.74	50.00
Lynn, Mass.	4	57,000	57,553.89 51,640.41	563.33 1,125.00
Madison, Wis. Malden, Mass. Malden, Mass. Malden, Mass.	$4\frac{1}{2}$ $3\frac{3}{4}$	10,000	10,648.23	187.50
Malden, Mass.	4	26,000	25,211,73	514.22
Malden, Mass.	41/4	$\begin{array}{c} 10,000 \\ 26,000 \\ 15,000 \\ \end{array}$	25,211.73 15,154.09	292.19
Manchester, N. H.	4	25,000 75,000 10,000	24,524.19	250.00
Maryland, State of	4	75,000	83,248.49	1,125.00
Manchester, N. H	$\frac{2\frac{1}{2}}{3}$	6,000	9,965.43 6,235.19	$104.15 \\ 75.00$
Medford, Mass.	334	10,000	9,950.07	62.50
Medford, Mass.	4	15,000	15.000.00	300.00
Melrose, Mass.	5	15,000 10,000	$\begin{array}{c} 11,707.16 \\ 14,297.52 \end{array}$	41.67
Methuen, Mass	$3\frac{3}{4}$	14,000	14,297.52	$131.23 \\ 150.00$
Metropolitan Water	4	$\begin{array}{r}14,000\\10,000\\135,000\end{array}$	9,627.41 163,538.88	2,700.00
Michigan, State of	41/2	255.000	260.941.92	3,862.50
Michigan, State of	5 1	15,000	$\begin{array}{c} 15,511.27\\ 113,819.11\end{array}$	62.50
Michigan, State of	$5\frac{1}{2}$ $5\frac{3}{4}$	$ \begin{array}{r} 15,000\\ 108,000\\ 469,000\\ \end{array} $	113,819.11	1,494.15
Michigan, State of Michigan, State of Milford, Mass	5%4 3	469,000 68,000	485,367.71 70,718.51	12,360.07 1,020.00
Minora, Mass		00,000	10,110.01	1,020.00

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SCHEDULE A—Continued

		000.000	000 400 00	01 950 00
Milwaukee, Wis.	$4\frac{1}{2}$ 5 6 2 4	\$60,000	\$62,423.98	\$1,350.00
Milwaukee, Wis.	5	125,000	147,360.58	3,125.00
Milwaukee, Wis.	6	10,000	10,098.04	300.00
Minneapolis, Minn.	2	10,000	10,000.00	50.00
Minneapolis, Minn.	4	177,000	175,668.72	2,753.33
Minneapolis, Minn.	41/2	40,000	40,441.87	862.50
Minneapolis, Minn.	5	35,000	35,722.15	833.33
Minneapons, Minn.	414	272,000	286,989.78	2,335.73
Minnesota, State of	$ \begin{array}{r} 4 \frac{1}{4} \\ 4 \frac{1}{2} \\ 4 \frac{3}{4} \end{array} $			2,000.70
Minnesota, State of	4/2	25,000	25,282.46	515.62
Minnesota, State of	4%	690,000	716,592.20	6,267.36
Minnesota, State of	4	42,000	44,082.14	423.33
Missouri, State of	$4\frac{1}{4}$ $4\frac{1}{2}$	510,000	515,560.24	5,011.46
Missouri, State of	41/2	74,000	75,206.64	277.50
	5	320,000	320,072.53	5,333.33
Montromorry Alo	55	35,000	38,492.85	875.00
Montgomery, Ala.	1 41/	40,000	40,834.31	425.00
Nashvine, Tenn.	$4\frac{1}{4}$ $4\frac{1}{2}$		77 990 42	
Nashville, Tenn.	4 1/2	75,000	77,229.43	1,359.37
Needham, Mass.	4	15,000	14,109.47	275.00
Missouri, State of Montgomery, Ala. Nashville, Tenn. Neshville, Tenn. Newark, N. J. Newark, N. J. Newark, N. J. Newark, N. J. Newark, N. J. New Bedford, Mass. New Bedford, Mass. New Bedford, Mass.	4	31,000	31,000.00	206.67
Newark, N. J.	$ \begin{array}{r} 4\frac{1}{2} \\ 5\frac{1}{2} \\ 3\frac{1}{2} \end{array} $	70,000	70,764.77	1,031.24
Newark, N. J.	51/2	30,000	36,095.46	481.25
New Bedford, Mass.	31/2	2,000	1,808.56	35.00
New Bedford Mass	4	38,000	37,892.16	660.00
New Hampshire, State of	41/2	50,000	50,436.72	187.50
	4	100,000	117 007 92	2 000 00
New Jersey, State of	1 41/		117,097.23	2,000.00
New Jersey, State of .	$4\frac{1}{4}$ $4\frac{1}{2}$	240,000	239,727.71	5,100.00
New Jersey, State of	41/2	20,000	20,374.29	450.00
New Jersey, State of	5	40,000	41,799.99	1,000.00
New London, Conn.	5	67,000	67,866.72	754.16
New Marlboro, Mass.	41/4	23,000	23,000.00	488.75
New Marlboro, Mass	$ \begin{array}{c} 5 \\ 4 \frac{1}{4} \\ 4 \frac{1}{2} \\ 2 \frac{1}{2} \\ 4 \end{array} $	600	614.10	9.00
Nowhurmont Mass	21/2	4,000	4,110.92	8.06
Newburyport, Mass.	4	41,000	41,000.00	683.34
Newport, R. I	41/		15 120 24	107.40
Newport, R. I.	$ \begin{array}{r} 4\frac{1}{2} \\ 4\frac{3}{4} \\ 4\frac{1}{2} \end{array} $	15,000	15,132.34	187.49
Newport News, Va.	4%	50,000	52,239.91	1,187.50
North Carolina, State of	41/2	75,000	78,032.40	1,631.25
North Carolina, State of	5	30,000	31,707.36 17,785.07	562.50
Norwalk, Conn.	33/4	20,000	17.785.07	156.24
Norwalk, Conn	4	32,000	29,871.03	373.33
Oak Bluffe Mass	284	15,000	15,210.23	34,35
Oak Bluffs, Mass.	$2\frac{3}{4}$ $4\frac{1}{4}$	5,000	5,285.66	26.56
Oldtown, Maine	474		10,200,00	
Urange, Mass.	2	10,000	10,204.25	75.00
Oldtown, Maine	$4\frac{1}{2}$ $4\frac{3}{4}$	315,000	320,072.63	3,356.25
Oregon, State of	434	6,000	6,263.52 51,864.69	23.75
Oregon, State of	5	50,000	51,864.69	625.00
Pasadena, Cal	$4\frac{1}{2}$ $4\frac{3}{4}$	25,000	26,045.53	468.75
Pasadana Cal	43%	65,000	86,570.79	1,385.41
Pagadana Cal	5	5,000	7 012 02	41.67
Decedence Cabriel Weter	48/	25,000	7,012.92 26,349.90	
Pasadena, San Gabrier water	444		20,349.90	445.31
Pasadena, San Gabriel Water Passaic, N. J.	4/2	50,000	00,800.20	187.50
Paterson, N. J.	41/4	100,000	101,860.28	2,125.00
Paterson, N. J	$ \begin{array}{r} 4^{3}_{4} \\ 4^{1}_{2} \\ 4^{1}_{4} \\ 4^{1}_{2} \\ 4^{1}_{4} \end{array} $	25,000	25,546.37	562.50
Pawtucket, R. I	4	70,000	70,022.26	533.33
Pawtucket, R. I.	41/4	104,000	105.130.71	1,080.21
Paxton, Mass.	4	52,000	55,267,82	866.65
Peabody, Mass.	31/4	10,000	10,063,33	108.33
Donnerduonia State of	5	65,000	$\begin{array}{c} 26,349.90\\ 50,833.25\\ 101,860.28\\ 25,546.37\\ 70,022.26\\ 105,130.71\\ 55,267.82\\ 10,063.33\\ 78,488,74\end{array}$	1,625.00
Pennsylvania, State of	41/	65,000	70,400.11	
Peoria, Ill.	4/2	75,000	10,470.74	562.50
Philadelphia, Penn	41/2	50,000	50,734.13	1,125.00
Pittsburgh, Penn	$\begin{array}{r} 4\frac{1}{2} \\ 4\frac{1}{2} \\ 3\frac{3}{4} \end{array}$	100,000	78,488.74 76,476.74 50,734.13 97,769.78	312.50 373.33
Pontiac, Mich	4	28,000	20,000.00	373.33
Portland, Oregon	4	40,000	39,747.40	533.33
Portland, Oregon	41/2	31,000	39,747.40 31,877.82	439.37
Portland, Oregon	5	95,000	101,490.95	791.67
Portland, Oregon	6	100,000	109 543 65	1,000 00
Portsmouth Ohio	434	50,000	109,543.65 50,797.63	
Providence, R. I.	474	50,000	226 020 42	197.92
Devidence, R. I.	4	236,000	226,929.42	2,695.00
Providence, R. I	414	180,000	180,816.92	2,904.17
Providence, R. I.	4/2	125,000	131,941.32	2,343.75
Quincy, Mass.	4 ¹ / ₄ 4 ¹ / ₂ 1 ³ / ₄	1 10,000	10,000.00	87.50
Quincy, Mass.	4	25,000	24,896.18	250.00
Quincy, Mass.	41/4	15,000	15,075.62	53.12
Racine, Wis.	41/2	78,000	79,866.35	1,170.00
Racine, Wis.	4	88,000	94,846.32	1,613.33
Richmond Va	4	25,000		500.00
Dishmand Va	41/	25,000	24,455.34	2 202 75
Dilloud, va	4 4	155,000	161,177.36 308,183.59	3,293.75
Richmond, Va. Richmond, Va. Richmoud, Va. Boanoke, Va.	$ \begin{array}{r} 4 \frac{1}{4} \\ 4 \frac{1}{2} \\ \end{array} $	290,000	308,183.59	6,525.00
Roanoke, Va.	41/2	20,000	20,861.69	450.00
Rochester, N. Y	41/2	50.000	53,200.68	1,125.00
Rochester, N. Y.	5	32.000	34,664.68	666.66
St. Joseph, Mo.	41/2	45,000	45,535.39	675.00
St. Joseph, Mo	4	$\begin{array}{r} 230,000\\ 20,000\\ 50,000\\ 32,000\\ 45,000\\ 30,000\\ 00,000\end{array}$	30,000.00	200.00
St. Louis, Mo.		00,000		
	$4\frac{1}{4}$ $4\frac{1}{2}$	1 90,000	90,627.00	637.50
St. Louis, Mo	41/2	315,000	318,381.40	3,318.75
St. Faul, Minn.	4	12,000	12,000.00	150.00
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SCHEDULE A—Concluded

St. Paul, Minn				41/	\$205,000	\$208,309.38	\$3,435.42
St. Paul, Minn	•	• •	•	$4\frac{1}{4}$ $4\frac{1}{2}$	212,000	218,698.00	2,219.62
St. Paul, Minn.	•	• •	•	5	100,000	101,762.03	2,500.00
St. Paul, Minn.		: :		51%	112,000	119,835.57	2,163.34
San Bernardino, Cal.				5 ¹ / ₂ 4 ¹ / ₄	86,000	92,962.31	1,066.04
San Diego, Cal				4	109,000	121,254.45	2,180.00
San Diego, Cal.			- 1	41/2	140,000	150,301.51	806.25
San Diego, Cal				5	256,000	293,886.41	5,400.00
San Francisco, Cal.				4	70,000	80,395.42	233.34
San Francisco, Cal				41/2	872,000	934,774.46	19,620.00
San Francisco, Cal		÷ ÷		5	347,000	390,245.82	7,466.67
San Francisco, Cal				53/4	230,000	280,640.59	1,102.08
Santa Monica, Cal.					25,000	96 364 50	534.37
Santa Monica, Cal				434	10,000	12,256.25	39.58
Santa Monica, Cal.				1 5	285,000	317,196.35	5,249.99
Saugus, Mass				314	30,000	30,867.05	81.23
Scituate, Mass	•	• •		334	115,000	104,696.87	1,976.56
Scituate, Mass Seattle, Wash Seattle, Wash	•	• •		4	27,500	27,638.88	91.63
Seattle, Wash			•	41/4	50,000	58,793.17	177.08
Seattle, Wash			•	41/2	240,000	261,946.06	4,087.50
Somerset, Mass.	•	• •	•	4	20,000	22,344.01	200.00
Somerville, Mass		• •	•	$1\frac{1}{3}\frac{1}{2}$	5,000	4,942.93	21.87
Somerville, Mass		• •	•	31/2	40,000	41,954.64	698.05
Somerville, Mass	•	• •	•	4	95,000	103,664.35	1,900.00
Somerville, Mass	•	• •	•	$4\frac{1}{2}$ $4\frac{1}{2}$	20,000	20,231.67 23,736.62	225.00
Southwick, Mass.	•	• •	•	41/2	22,000	23,736.62	360.00
South Norwalk, Conn. South Norwalk, Conn.	•	• •	•	4	5,000	4,982.38	100.00
South Norwalk, Conn.	•	• •	•	41/4	10,000	10,000.00	70.83
Springfield, Mass	•	• •	•	334	65,000	69,012.45	203.12
Springfield, Ohio .	•	• •	•	41/4	60,000	60,440.17	849.99
Springfield, Ohio	•	• •	•	$4\frac{1}{2}$ $3\frac{1}{2}$	48,000	48,730.22	720.00
Swampscott, Mass	•	• •	•	31/2	7,000	6,869.34	81.67
Taunton, Mass.	•	• •	•	4	16,000	17,325.63	320.00
Tennessee, State of .	•	• •	•	434	150,000	153,792.16	3,067.71
Toledo, Ohio	•	• •	•		354,000	362,732.57	3,738.87
Toledo, Ohio	•	• •	•	4%	64,000	66,477.78	506.67
Toledo, Ohio	•	• •	•	5	50,000	50,950.88	833.33
Trenton, N. J.	•	• •	•	$4\frac{1}{2}$ $2\frac{3}{4}$	70,000	71,731.18	412.50
U. S. Treasury Bonds	•	· ·	•	2%	20,000	20,000.00	160.42
U. S. Treasury Bonds	•	• •	•	$2\frac{74}{8}$ $3\frac{14}{4}$ $4\frac{14}{4}$	29,400	29,400.00	246.53
U. S. Treasury Bonds	•	• •	•	34	47,500	47,500.00	321.61
U. S. Treasury Bonds		· ·	•		173,200 93,200	173,200.00	1,533.54
U. S. Treasury Certific	ates	• •	•		93,200	93,200.00 8,217.90	825.20
Walpole, Mass Waltham, Mass	•	• •	•	312	10,000	8,217.90	145.84
	•	• •	•	4	23,000	23,000.00	383.33
Washington, State of Washington, State of	•	• •	•	31/2	185,000	188,997.47	3,237.50
Washington, State of	•	• •	•	4	40,000	46,341.40	800.00
Washington, State of Waterbury, Conn.	•	• •	•	41/2	53,000 12,000	61,165.07	1,192.50
Waterbury, Conn.	•	• •	•		61,000	$11,943.64 \\ 60,945.13$	240.00
	•	• •	•	$4\frac{1}{4}$ $4\frac{3}{4}$		50,537.46	1,243.12
Waterbury, Conn Waterbury, Conn	•	• •	•	5	50,000 100,000	100,795.90	$395.83 \\ 625.00$
West Newbury, Mass.	•	• •	•	234	45,000	47,582.82	360.90
West Springfield, Mass.	•	• •	•		31,000	36,329.18	109.79
West Virginia, State of		• •	•			51,889.20	520.00
West Virginia, State of	•	• •	•	4	48,000 25,000	29,126.50	500.00
West Virginia, State of	•	• •	•		190,000	192,523.86	4,037.50
West Virginia, State of		• •	•	$4\frac{1}{4}$ $4\frac{1}{2}$	435,000	462,304.60	7,143.75
West Virginia, State of	•	•	•	5	185,000	198,832.98	4,625.00
Wilmington, N. C.	•	• •	•	43/4	24,000	24,757.93	4,023.00
Windsor, Conn.	•		•	31/2	30,000	29,160.65	87.51
Winthrop, Mass.			•	$ 3\frac{1}{2} 4\frac{3}{4} $	12,000	12,060.47	95.00
Woburn, Mass.		• •	•	3	12,000	12,158.70	120.00
Woonsocket, R. I.			•	41/2	41,000	41.382.56	307.50
		• •	•	1/2		11,002.00	
					\$26,823,911.62	\$28,043,493.43	\$384,427.68
					1.010101010101		