

**Boston Protective Department**



**FORTY-EIGHTH**

**ANNUAL REPORT**

**FOR THE CALENDAR YEAR**

**1921**

FORTY-EIGHTH

ANNUAL REPORT

OF THE

**Boston Protective Department**

FROM

January 1, 1921 to January 1, 1922



## OFFICERS

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*President:*

JOHN J. CORNISH

*Vice-President:*

WILLIAM E. DAVENPORT

*Directors:*

To SERVE UNTIL MARCH, 1922

GEORGE W. BUNTIN

JAMES H. CARNEY

WILLIAM E. DAVENPORT

To SERVE UNTIL MARCH, 1923

JOHN P. MEADE

C. H. J. KIMBALL

CHARLES A. HOWLAND

To SERVE UNTIL MARCH, 1924

JOHN J. CORNISH

HENRY M. FENTON

A. W. HOLLIS

*Secretary-Treasurer:*

CHARLES W. GOODING

*Superintendent:*

H. E. THOMPSON

*Medical Officer:*

DR. WM. F. TEMPLE, JR.

BOSTON, January 1, 1922.

TO THE MEMBERS OF THE  
BOSTON PROTECTIVE DEPARTMENT:

The Directors submit herewith the 48th Annual Report of the Department with the reports of the Superintendent, Treasurer, Medical Officer and statistical tables.

The Board recommends, first, that the active duties of the Department be continued for another year; second, that the Directors be authorized to expend for the maintenance of the Department during the year a sum not exceeding one hundred and eighty thousand dollars.

For the Directors,

JOHN J. CORNISH,

President.



## TREASURER'S REPORT

CURRENT INCOME AND EXPENSE ACCOUNT FOR THE YEAR  
ENDING DECEMBER 31, 1921

## RECEIPTS:

Assessments .....	\$182,398.51
Interest .....	570.28
Special Service .....	2,362.68
	\$185,331.47

## EXPENDITURES:

Pay Roll and Salaries .....	\$133,804.62
Repairs and Furnishings of Houses .....	4,129.79
Telephone and Fire Alarm .....	909.43
Water, Light and Fuel .....	4,835.75
Printing, Stamps and Office Supplies .....	1,296.88
Auto Supplies and Repairs .....	7,719.52
Miscellaneous Department Supplies .....	2,345.95
New Equipment and Furnishings .....	5,903.52
Repairs of Equipment .....	300.49
Rent and Taxes .....	5,707.83
Compensation and other Insurance .....	11,788.88
Sundries .....	406.15
	\$179,148.81
Total Expenditures .....	\$179,148.81
Balance, December 31, 1921 .....	6,182.66
	\$185,331.47

CHARLES W. GOODING. *Treasurer.*

Boston, January 25, 1922.

Audited and found correct

S. T. EMERY,  
WM. H. LORING,  
PHILIP J. McKEON

} *Auditing Committee.*

## STATEMENT OF ASSESSMENTS MADE IN 1921

July 1, 1920, to December 31, 1920:

Premiums on Fire, Sprinkler  
and Water Damage . . . \$4,565,060.01 at 2 6/10% \$91,301.17

January 1, 1921, to July 1, 1921:

Premiums on Fire, Sprinkler  
and Water Damage . . . \$4,140,788.07 at 2 2/10% \$91,097.34

\$182,398.51

July 1, 1921, to December 31, 1921:

Premiums on Fire, Sprinkler  
and Water Damage . . . \$3,596,719.75 at 2 6/10% \$93,514.71



## SUPERINTENDENT'S REPORT.

HEADQUARTERS BOSTON PROTECTIVE DEPARTMENT. {  
OFFICE OF SUPT., No. 40 PURCHASE ST. }

BOSTON, January 1st, 1922.

TO THE PRESIDENT AND BOARD OF DIRECTORS:

Gentlemen:—I herewith submit the Forty-eighth Annual Report of operations of the Department for the year ending December 31st, 1921.

## CALLS AND SERVICE

The department responded to 2,328 City boxes, 1,492 Verbal, 164 Boston Automatic Fire Alarms, 119 American District Telegraph, which includes 54 Sprinkler Breaks, 158 Sprinkler Troubles, Total 4103; also 58 Water Damages, Total calls 4161.

The service rendered was 79 fire extinguishers used, 6,025 covers spread on merchandise at fires and other calls, 374 covers on roofs, 27 covers protecting merchandise after fires from storms. Total covers used 6,426.

The hours service were 2,814.00 at fires, 195.53 protecting merchandise &c after fires, and 3,465.43 privates detailed after fires. Total 6,475.36.

OF THE 5,268 ALARMS, 3,320 ALARMS OR 63.02 PER CENT WERE WITHOUT LOSS. (See grade of losses.)

The total loss on buildings, contents, rents, vessels and cargoes was \$4,017,158.64 divided as follows;

	Losses		Totals
	Insured	Not Insured	
Buildings .....	\$ 1,251,780.47	\$162,577.46	\$1,414,357.93
Contents .....	2,499,081.09	94,693.13	2,593,774.22
Rents .....	6,957.87	—	6,957.87
Vessels .....	—	—	—
Cargoes .....	698.62	1,370.00	2,068.62
Totals .....	\$3,758,518.05	\$258,640.59	\$4,017,158.64

## WATER DAMAGE OTHER THAN FIRES.

	Losses		Total
	Insured	Not Insured	
Building .....	—	\$3,080.00	\$3,080.00
Contents .....	\$429.40	8,022.00	8,451.40
Totals .....	\$429.40	\$11,102.00	\$11,531.40

Total calls, 58 (44 with losses). On duty 55h. 36m. Covers spread 131.



ORGANIZATION OF DEPARTMENT.  
Superintendent, HENRY E. THOMPSON.

Co. No. 1. 40 Purchase St.	Total	Co. No. 2. 4 Appleton St.	Total	Co. No. 3. 159-161 Roxbury St.	Total	Grand Total
Captain Jas. T. Fitzgerald...	1	S. A. McDonnell...	1	E. Abbott.....	1	3
Lieuts. { A. F. Swift.....	2	{ G. E. Blakeley .....	2	{ M. J. Gleason.....	2	6
{ J. J. Carty.....		{ J. S. Weir.....		{ B. J. McTernan...		
First Grade Privates.....	10	.....	6	.....	8	24
Second " ".....	3	.....	3	.....	2	8
Third " ".....	0	.....	4	.....	2	6
Fourth " ".....	0	.....	0	.....	0	0
Fifth " ".....	2	.....	0	.....	1	3
Auxiliary " ".....	11	.....	10	.....	0	21
<b>Totals</b>	<b>29</b>		<b>26</b>		<b>16</b>	<b>71</b>

## PENSIONERS

SUPERINTENDENT	1
CAPTAINS	2
FIRST GRADE PRIVATES	2
	76

## OPERATIONS OF THE DEPARTMENT.

		Co.No.1	Co.No.2	Co.No.3
Responses to Alarms.	{ City Boxes.....	739	892	1136
	{ Still .....	530	424	596
	{ Automatic .....	108	70	12
	{ A. D. T.....	72	52	15
	<b>Totals</b> .....	<b>1449</b>	<b>1438</b>	<b>1759</b>
Responded to by	{ Automobile .....	1098	1438	1651
	{ Privates in outlying districts....	468	.....	178
Hours Duty	{ At fires and responding to calls	836.09	869.45	1108.06
	{ Assisting Fire Department....	.....	.....	.....
	{ After fires protecting mdse.....	48.30	97.22	48.40
	{ Detail after fires .....	1656.46	1245.24	561.45
<b>Totals</b> .....	<b>2541.25</b>	<b>2212.31</b>	<b>1718.31</b>	
Covers Used	{ At fires and sprinkler calls.....	2638	1904	1583
	{ On roofs after fires.....	62	85	227
	{ Protecting mdse. after fires.....	5	9	13
<b>Totals</b> .....	<b>2705</b>	<b>1998</b>	<b>1823</b>	
Extinguishers used	.....	11	33	35
<i>The Second Section was called in service as follows:</i>				
		Co.No.1	Co.No.2	Co.No.3
On First Alarms	{ When first out section was at fire	31	104	129
	{ When both sec. were at previous fire	2	13	6
	{ While cov- adj. company district	6	26	9
On Second Alarms	{ At night.....	5	11	13
	{ Voluntarily during daytime....	0	0	0
On Telephone calls.....	.....	8	5	7
On Messenger calls.....	.....	3	0	0
To Cover	Adjoining company district....	25	180	53
<b>Totals</b> .....		<b>80</b>	<b>339</b>	<b>217</b>
		Co.No.1	Co.No.2	Co.No.3
No. fires at which roofs were protected .....		26	39	90
No. days on which one or more aux. men were retained on day duty after a fire.....	}	102	116	57
No. extra hazardous days when aux. force was retained on duty.....				



## SPRINKLER RECORD. FIRES.

Sprinklers Operating			Heads	Sprinkler Heads Replaced			Heads	Where Sprinkler Heads Operated	Floors	Condition of System when left	No.	
68	Fires of	1 head each	68	31	Fires of	1 head each	31	Sub-Basement	2	O. K. Partially Operative Shut Off	90	
20	" "	2 heads "	40	9	" "	2heads "	18	Basement	39		4	
8	" "	3 "	24	5	" "	3 "	15	First-floor	19		16	
3	" "	4 "	12	2	" "	4 "	8	Second "	13			
1	" "	5 "	5	1	" "	7 "	7	Third "	11			
1	" "	6 "	6	1	" "	8 "	8	Fourth "	11			
2	" "	7 "	14	1	" "	9 "	9	Fifth "	8			
1	" "	8 "	8	1	" "	10 "	10	Sixth "	5			
1	" "	9 "	9	1	" "	22 "	22	Seventh "	2			
2	" "	10 "	20									
1	" "	11 "	11									
1	" "	22 "	22									
1	" "	45 "	45									
110	Totals		284	Totals			128	Totals		110	Totals	110

## RUPTURED HEADS AND PIPES.

Sprinklers Ruptured	Heads and Pipes	Causes	No.	Condition of System when left	O. K.	Parti. oper.	Shut off
30 Breaks of 1 head ea.	30	Water freezing in heads	8	Condition	8		
1 " " 2 heads ea.	2	" " " pipes	2	" "		1	1
15 Breaks " Pipes		" " " couplings	1	" "		1	
2 " " Couplings		" " " elbows	4	" "	1	2	1
5 " " Elbows		" " " valve	1	" "			1
1 " " Valves, check		Striking heads	8	" "			3
		" " pipes	8	" "	3		5
		Defective Heads	13	" "	13		
		" " Couplings	1	" "		1	
		" " Elbows	1	" "	1		
		" " Pipes	1	" "	1		
		Unknown	6	" "	2	1	3
54	Totals	Totals	54	Totals	34	6	14

## DUTY PERFORMED

Hours service 47 h. 53m.

Covers spread 105

## TROUBLES.

Alarm pots, defective.....	4
" mistaken for sprinkler (burglar) .....	1
Defective pipes (drip) .....	1
" transmitter .....	3
" valves (drip) .....	2
Opening and closing valves (1 floor, 1 tank, 1 cold weather, 1 dry pipe)	4
Pet cock left open (gauge to pressure tank).....	1
Short circuit in alarm wires.....	1
Water hammer.....	50
" in dry pipe system.....	37
Working on system.....	10
Unknown .....	44
<b>Total .....</b>	<b>158</b>

## DUTY PERFORMED

Hours service 74 h.

Detailed duty 63 h. 26m.

Covers spread 12



DISTRICTS WHERE FIRES OCCURRED OR ALARMS  
WERE GIVEN

Including Fire Department Still Alarms.

City Proper.....	1970
Roxbury District.....	602
Charlestown.....	261
East Boston.....	341
South Boston.....	338
Dorchester.....	739
West Roxbury.....	472
Brighton.....	329
Hyde Park.....	205
Boston Harbor.....	3
Brookline.....	2
Cambridge.....	1
Chelsea.....	1
Dedham.....	1
Everett.....	1
Quincy.....	1
Somerville.....	1
Total.....	5,268

WHEN ALARMS OCCURRED

Months		Days of Week.		Hours of the Day	
1921					
January.....	512	Monday.....	619	Day Service	6 to 7 A.M. .... 72
February.....	317	Tuesday.....	780		7 to 8 " " ..... 93
March.....	533	Wednesday.....	746		8 to 9 " " ..... 152
April.....	378	Thursday.....	712		9 to 10 " " ..... 190
May.....	342	Friday.....	774		10 to 11 " " ..... 259
June.....	662	Saturday.....	799		11 to 12 Noon..... 261
July.....	402	Sunday.....	838		12 to 1 P. M. .... 310
August.....	376			Night Service	1 to 2 " " ..... 330
September.....	404				2 to 3 " " ..... 364
October.....	469				3 to 4 " " ..... 336
November.....	347				4 to 5 " " ..... 364
December.....	526				5 to 6 " " ..... 385
Totals.....	*5268		*5268		6 to 7 " " ..... 302
					7 to 8 " " ..... 308
					8 to 9 " " ..... 328
				9 to 10 " " ..... 274	
				10 to 11 " " ..... 216	
				11 to 12 Midnight. 176	
				12 to 1 A. M. .... 137	
				1 to 2 " " ..... 107	
				2 to 3 " " ..... 88	
				3 to 4 " " ..... 77	
				4 to 5 " " ..... 64	
				5 to 6 " " ..... 75	
Totals.....	*5268		*5268		*5268

\*7 Fires extinguished by occupants are included in these totals.



## STATEMENT BY MONTHS

Of Alarms for Fires Responded to by One or More Companies of this Department, Together with Other Statistics

Months.	Alarms attended by this Dept.				A. D. T.	Extinguished by occupant. No alarm given.	Water Damage Calls.	Still Alarms attended by Fire Department only.	Total Alarms.	Sprinklers operated on fires.	Sprinkler breaks or defects	Alarms for fires on vessels	Covers Spread			Extinguishers used.	Duty at fire and responding to calls Hrs. m	Duty after fires. Hrs. m	Detail after fires. Hrs. m
	City Boxes.	Still.	Automatic.	Ext.									At fires and sprink- ler calls.	On roofs after fires.	Protecting mds. after fires.				
Jan. 1921	225	147	14	11	1	9	113	517	67	24	1	914	28	0	4	358.30	31.09	505.14	
Feb. "	139	98	13	16	0	7	50	318	24	22	0	221	15	4	7	218.00	8.57	334.08	
Mar. "	190	134	12	7	0	10	190	535	10	12	2	497	22	2	6	236.23	11.47	221.51	
April "	178	85	10	10	0	5	94	380	43	12	0	593	43	0	8	227.59	39.47	231.03	
May "	134	111	10	10	0	5	76	346	14	17	1	424	38	0	0	197.49	14.41	269.23	
June "	307	146	15	7	1	4	186	666	2	13	2	413	53	0	17	266.04	5.45	362.07	
July "	158	134	20	14	0	18	76	420	10	23	2	286	23	0	3	169.33	5.45	295.08	
Aug. "	169	112	11	14	2	3	68	379	6	27	2	329	12	9	4	155.15	4.47	254.41	
Sept. "	199	102	13	10	1	3	79	407	19	15	0	570	27	0	3	223.35	17.16	234.39	
Oct. "	231	127	13	8	0	1	91	470	21	14	0	400	37	2	6	243.58	11.08	164.49	
Nov. "	176	111	12	5	1	4	37	349	8	13	0	465	23	0	14	201.30	14.40	241.20	
Dec. "	222	185	21	5	1	7	90	531	47	20	2	933	53	1	5	315.24	20.90	351.20	
Totals	2328	1492	164	119	7	58	1150	5318	271	212	17	6025	374	27	79	2,814.00	195.53	3,465.43	

\* 8 Alarms for assistance from other cities and towns not included.



## GRADE OF LOSSES FOR 1920.

3320	Alarms with no loss		
800	Fires with loss under \$100		\$31,441.96
604	" " " from \$100 to \$500		140,003.22
162	" " " " \$500 to \$1,000		110,867.75
223	" " " " \$1,000 to \$5,000		506,324.48
52	" " " " \$5,000 to \$10,000		350,912.82
25	" " " " \$10,000 to \$15,000		286,854.03
	Over \$15,000		
1	Jan. 1, 1921, 87-93 Albany & 73 Harvard Sts., Standard Bottling & Ex-tract Co., et al		113,135.75
1	" 2, " 332 A St., Crown Cork & Seal Co., et al		75,601.94
1	" 3, " 80-6 Washington St., Wadsworth Howland, et al		16,170.18
1	" 12, " 208-10 Milk & 105 Central Sts., M. F. Driscoll, et al		22,669.02
1	" 16, " 48-54 Canal St., C. C. Bailey, et al		41,695.51
1	" 16, " 400 Washington St., Brighton Congregational Church		88,418.00
1	" 18, " 41-3 Fulton St., Italian Importing Co., et al		42,584.98
1	" 24, " 128-34 Harvard Ave., H. G. Antony, et al		38,505.75
1	Feb. 8, " 102-8 Mass. Ave., Newbury Shoe Co., et al		32,453.75
1	" 8, " 190-2 Lincoln St., M. Orlick		49,350.38
1	" 20, " Off Damon St., B. F. Sturtevant Co.		39,017.21
1	" 20, " 1-2 Blackstone St., Cudahy Packing Co., et al		37,914.33
1	" 21, " 481-3 Neponset Ave., Boston Elevated Railroad, et al		277,531.93
1	" 21, " 935 Washington St., M. Zeit & J. Masesco, et al		17,915.94
1	" 22, " Rear 1250 Columbus Ave., Roessle Brewery Co., et al		25,953.00
1	" 26, " 12 Brookledge St., G. Morton		15,537.04
1	Mar. 4, " Amory St., Boston Elevated Railroad, et al		369,864.40
1	" 4, " 2148-56 Washington St., Zonis Brothers, et al		17,696.90
1	" 19, " 82 North St., Mohawk Packing Co.		18,073.88
1	" 20, " 64 Endicott St., Zest Chocolate Co., et al		39,400.55
1	April 11, " 361 Mass. Ave., Dr. C. Darlem, et al		25,243.00
1	" 13, " 114-22 South St., W. B. Jones Leather Co., et al		59,649.83
1	" 14, " 145-9 Kingston & 30-2 Edinboro St., S. Goldstein, et al		93,829.24
1	" 15, " 124-8 Summer St., Chandler & Barber Co., et al		57,528.47
1	May 5, " 257-61 Maverick St., G. R. Hobbs, et al		29,786.30
1	" 5, " 356-8 Atlantic Ave., Fosters Whf. Corp., et al		20,694.83
1	" 18, " 82-86 Fulton St., D. Goodnow, et al		51,717.03
1	" 20, " Deer Island, Boston Harbor, City of Boston		20,000.00
1	June 1, " Dover St., Bridge, City of Boston		40,085.84
1	" 26, " 21-3 Stanhope St., Tower, Talbot & Hifer, et al		17,481.34
1	" 28, " 67-71 South St., A. C. Ratchesky, et al		430,501.19
1	July 9, " 60-8 Chauncey & 51-3 Bedford Sts., Weeks, R. E. Trust, et al		57,553.49
1	" 18, " Off Hamblen St., C. Charlestown Gas & Elec. Light Co.		29,258.40
1	Aug. 15, " 10-12 Farnham St., R. J. L. Snyder, et al		18,411.09
1	" 23, " 280-92 Commercial & 311-19 North Sts., C. E. Cotting Est., et al		19,627.64
1	" 28, " 68 Hudson St., St. John of Damascus Society, et al		20,148.00
1	Sept. 19, " 113-17 Causeway St., N. E. Trust, et al		60,721.51
1	Oct. 15, " New Allen St. & 1415 Hyde Park Ave., City of Boston		21,000.00
1	" 31, " 25-31 Essex St., Cosmopolitan Trust Co., Storage		15,569.00
1	" 31, " 10 Hampden St., Rox. Chadwick Boston Lead Co.		18,508.05
1	Dec. 2, " 498-506 Commercial St., Bloom Wool Stock Co., et al		27,607.12
1	" 29, " 332 Washington St., F. L. Dunne, et al		16,140.76
1	" 29, " 11-22 South St., Burke Bros. Corp. et al		23,345.32
1	" 31, " 200 Hanover St., Daniels & Wilson, et al		27,830.00
5230			4,008,132.15
7	Marine Losses		2,068.62
5237			4,010,200.77
	Rent Losses		6,957.87
			4,017,158.64
31	Sprinkler Losses (no fire)	\$16,379.31	
5268			



CAUSES OF ALARMS AND OF FIRES WITH LOSS  
DURING 1921.

	Alarms	Fires with Loss
a1 Assistance beyond City Limits.....	8	
Arson .....		
Ashes.....		
Benzine.....		
Boilers.....		
1 Chimneys, Flues, Cupolas and Stacks, overheated or defective Cigars, Cigarettes and Pipes.....	233	51
2 Conflagration.....		
Cotton Pickers.....		
3 Electricity.....	211	72
4 Explosions.....	137	70
5 Exposure.....	117	103
5a False and Needless Alarms.....	210	
6 Fireworks, Fire Crackers, Balloons, etc.....	58	38
Flues.....		
7 Friction—Sparks—Occasioned by running machinery, in- cluding Pickers, Carding Machines, Gins, etc.....	25	11
Furnaces.....		
Gas.....		
8 Gas—Natural and Artificial.....	34	20
Gasolene.....		
9 Hot Ashes and Coals.....	81	30
10 Hot Grease, Oil, Tar, Wax, Asphalt, ignition of.....	64	14
11 Hot or Molten Metal.....	16	9
Hot Water Pipes.....		
12 Incendiarism.....	21	16
Kerosene (See No. 19; also Explosions No. 4).....		
13 Lightning—buildings rodded.....		
14 Lightning—buildings not rodded.....	11	8
Locomotives.....		
15 Matches.....	789	513
16 Miscellaneous—Cause known but not Classified.....	228	20
17 Open Fires.....	68	1
18 Open Lights.....	167	107
19 Petroleum and its products.....	66	40
Pickers.....		
Railroad.....		
19a Rekindling of a previous fire.....	7	1
20 Rubbish and Litter.....	1108	3
21 Smoking.....	380	236
22 Sparks—Arising from combustion.....	199	133
23 Sparks on Roof.....		
24 Spontaneous Combustion.....	86	45
24a Sprinklers.....	212	31
Stacks.....		
25 Steam and Hot Water Pipes.....	11	4
26 Stoves, Furnaces, Boilers and their pipes.....	378	90
Stove Pipes.....		
27 Unknown.....	343	275
28 Unknown origin but investigation important.....		
Totals.	5268	1941

This table includes 1150 fire department still alarms of which we were not notified, 7 fires for which no alarms were given but which were extinguished by occupants.



**STATEMENT BY MONTHS OF INSURANCE AND LOSSES.**

Months	Buildings			Contents			Rents			Vessels			Sprinkler Losses (no fire)		
	Insurance	Loss Insured	Loss not Ins.	Insurance	Loss Insured	Loss not Ins.	Insurance	Loss	Insurance	Loss	Insurance	Loss	Insurance	Loss	
Jan. 1921	\$2,640,191.58	\$223,048.22	\$67,341.24	\$2,311,769.89	\$326,454.84	\$29,092.84	\$37,230.00	\$549.96	\$49,000.00	\$1,375.00	\$49,000.00	\$1,375.00	\$49,000.00	\$1,375.00	
Feb. "	3,023,899.00	156,882.16	939.72	3,938,632.00	453,539.82	7,023.50	18,000.00	150.00		27.00		27.00			
Mar. "	3,410,376.00	143,388.84	3,764.54	2,486,350.00	397,420.81	3,310.00	25,000.00	200.00							
Apr. "	2,989,358.00	88,396.53	11,703.56	3,362,908.00	254,418.85	3,958.00	1,700.00	99.56							
May "	3,240,633.00	109,067.00	16,976.80	585,224.00	102,721.01	7,791.76									
June "	6,645,655.00	94,684.47	40,720.60	1,848,050.00	438,745.90	7,371.05	7,000.00	4,410.08	15,000.00						
July "	4,098,885.00	70,091.95	210.00	847,000.00	76,208.70	2,731.50									
Aug. "	2,621,045.00	53,943.09	1,249.00	689,737.00	49,295.54	3,615.00	5,000.00	52.23	25,000.00						
Sept. "	5,368,064.00	68,540.96	936.13	1,528,650.00	107,360.69	13,601.00	12,000.00	1,007.80							
Oct. "	1,758,248.00	68,096.41	17,785.87	748,350.00	54,318.40	5,218.25									
Nov. "	3,172,454.00	60,120.68	575.00	645,400.00	72,871.72	4,088.66	30,900.00	488.24							
Dec. "	6,951,516.00	121,719.56	375.00	2,843,030.00	165,685.81	6,877.57									
Totals	\$45,920,724.58	\$1,251,780.47	\$162,577.46	\$21,831,120.89	\$2,499,081.09	\$94,693.13	\$136,830.00	\$6,957.87	\$40,000.00	*\$2,068.62	\$1,088,000.00	\$16,379.31			

\*Loss on Vessels not insured \$2,150.00.

\*Insured loss on Vessels \$139,600.00.



STATISTICS FOR YEAR ENDING  
DECEMBER 31, 1921

Population .....		748,143
Area Square Miles.....		47.81
Number of Brick, Stone, Concrete, Steel frame, B, etc.	32,731	} *109,167
"    "    Wooden Buildings.....	76,436	
"    "    Alarms, exclusive of False and Needless.....	4,840	} 5,268
"    "    False and Needless Alarms.....	208	
"    "    Calls to assist other Cities and Towns.....	8	
"    "    Sprinkler System breaks and defects.....	212	
"    "    Fires in Brick and Stone Buildings.....	1,750	} 4,840
"    "    Fires in Wooden Buildings.....	1,267	
"    "    Fires in Concrete Blocks.....	37	} 4,840
"    "    Fires in Fireproof.....	1	
"    "    Fires in Ironclad.....	6	
"    "    Fires in Reinforced Concrete.....	41	
"    "    Fires not originating in Buildings.....	1,738	} 4,840
"    "    Fires confined to floor where fire ....		
originated.....	2,725	
"    "    "    confined to Building but not		
to floor of origin.....	257	
"    "    "    extending to adjoining Build-		
ing.....	97	
"    "    "    extending beyond adjoining		
Building .....	23	
"    "    "    originating in Automobiles..	231	
"    "    "    not originating in Buildings	1,467	
"    "    "    not originating in, but invol-		
ving Buildings .....	40	

\* January 1, 1922. By courtesy of City of Boston Building Department.

	Buildings includ- ing Docks, Vessels, Tank and Per- manent Fixtures.	Contents	Total
Total Insurance on the property on which claim for loss was made .....	\$45,960,724.58	\$21,831,120.89	\$67,791,845.47
Total Insurance Loss ....	1,252,479.09	2,499,081.09	3,751,560.18
Total Loss (insured and uninsured) .....	1,416,426.25	2,593,774.22	4,010,200.47
Rents insured.....			6,957.87
Losses on buildings and contents in which fires originated, i.e., direct losses .....	1,380,912.21	2,552,126.39	3,933,038.60
Losses on buildings and contents in which the fires did not originate i.e., exposure losses	35,514.04	416,647.83	77,161.87



## Review of grade of losses for ten years

Years	Total Al'm.	No Loss	Under \$100	\$100 to 500	\$500 to 1000.	\$1000 to 5000.	\$5000 to 10,000	\$10,000 to 15,000	Over 15,000
1912	5420	2985	1234	686	196	217	52	19	31
1913	4947	2811	1048	588	185	217	44	15	39
1914	5679	3345	1118	628	238	261	35	15	39
1915	5532	3280	1044	641	207	251	45	18	29
1916	4656	2742	930	549	155	197	44	7	32
1917	5025	2996	981	605	159	199	31	12	42
1918	5433	3617	892	531	115	191	30	10	35
1919	5647	3687	903	574	155	208	30	17	26
1920	4688	2928	780	536	135	223	37	15	34
1921	5268	3320	*820	*612	*167	*227	*53	25	44

\*31 Sprinkler losses included, viz., 17 under \$100. 6 from \$100 to \$500.  
4 from \$500 to \$1,000. 3 from \$1,000 to \$5,000. 1 from \$5,000 to \$10,000.

## Review of total alarms, fires with loss, loss, average loss of total alarms, and average loss of fires with loss, for ten years

Years.	Total Alarms.	Fires with Loss	Loss.	Average Loss of Total Alarms.	Average Loss of Fires with Loss.
1912	5,402	2,417	\$2,530,475.47	\$468.43	\$1,046.94
1913	4,947	2,136	4,254,847.91	868.17	1,991.97
1914	5,679	2,319	3,044,626.94	536.12	1,312.90
1915	5,532	2,243	3,004,599.48	543.13	1,339.54
1916	4,656	1,914	2,473,801.16	531.31	1,292.47
1917	5,025	1,955	4,056,887.34	807.34	2,075.13
1918	5,433	1,774	2,827,612.34	520.45	1,593.92
1919	5,647	1,921	2,581,085.15	457.07	1,343.61
1920	4,688	1,707	3,143,528.89	670.54	1,841.55
1921	5,268	1,910	4,017,158.64	762.56	2,103.22

The above tables include Still Alarms.

† Does not include 31 Sprinkler losses.

In conclusion, I desire to express my sincere thanks to all departments or persons who have in any way assisted this Department during the past.

Respectfully submitted,

H. E. THOMPSON,

*Superintendent of Department*

## MEDICAL EXAMINER'S REPORT

1921

HENRY E. THOMPSON,  
*Supt. Boston Protective Department.*

*Dear Sir:*—Your Medical Officer respectfully submits the following report for the year ending December 31, 1921:

Applicants examined.....	48
Promotions. Examinations for.....	23
Members. Visits to sick.....	55
Members. Visits to injured.....	13
Physicians reports. Attending.....	106
Special reports.....	3
Certificates. Return to duty.....	59
Applicants rejected due to physical disabilities.....	6

W. F. TEMPLE Jr., M. D.  
*Medical Officer, Boston Protective Department.*





COMMONWEALTH OF MASSACHUSETTS  
SUFFOLK COUNTY

Probate Court and Court of Insolvency, Boston

February 25, 1921

Chief of Boston Protective Department,  
Boston, Massachusetts.

Dear Sir:—

I wish to express to you the sincere thanks of myself and my family for the very efficient services rendered by the Protective Department at the fire which took place in my home at number 29 Wallingford Road, Brighton, last Friday, February 18th. I feel that the insurance underwriters also owe them a great deal of thanks for the great pains which they took to protect the house and the personal property. My sister-in-law, Miss Barr, was present and saw them work, and she feels that their work was extraordinary, and she is not given to exaggeration. If you will extend to the men who took part in the protection of the property and to the Protective Department itself our sincere thanks, we will appreciate it very much.

Yours very truly,

ARTHUR W. DOLAN



**BOSTONIAN SOCIETY**  
**Memorial Halls, Old State House**

Boston, Mass., April 21, 1921

Supt. Boston Protective Department.

Dear Sir:—

I take pleasure in sending you enclosed a copy of a vote passed by the Directors of the Bostonian Society, at a special meeting held April 16th last.

Yours truly,

CHARLES F. READ, Clerk

The Directors of the Bostonian Society, at a special meeting held on Saturday, April 16, 1921, unanimously voted to place upon their records their high appreciation of the admirable and efficient manner in which the Fire Department, the Protective Department and the Police Department of the City of Boston handled the fire in the Old State House on the night of Wednesday, April 13.

Not only the prompt and able way in which they extinguished the fire and prevented it from destroying the ancient historic building, but the prompt and careful manner in which the Protective Department covered and protected the irreplaceable collections inside the building, deserves praise. By their action, by far the greater part of the collections were saved, and much less damage done than might have been expected.

The Directors are most grateful and wish it generally known how efficient the departments were.

The Directors voted that a copy of this vote be sent to each of the three departments and a copy given to the press.

A true copy attest.

CHARLES F. READ, Clerk.

**STICKNEY & POOR SPICE CO.**  
**182 and 184 State Street, Boston**

Boston, September 19, 1921

Mr. Henry E. Thompson,  
40 Purchase Street,  
Boston, Mass.

Dear Sir:—

Our superintendent, Mr. Bennett, has already written you on the subject of the fire at our factory, Friday night, September 16th. Our company desires to thank you even more formally for the most efficient work done for us. Your men were on the spot at a very early moment. Because of their careful work, we escaped a much larger damage.

The writer's brother, Hon. John R. Murphy, Fire Commissioner of Boston, advises us over the telephone that the Boston Firemen's Relief Fund is for the benefit of your Department as well as the regular Fire Departments of the city. Because of this advice, we are sending our contribution, \$100.00, to him direct. We are also sending him a copy of this letter.

Yours very truly,

**STICKNEY & POOR SPICE COMPANY**  
JAMES S. MURPHY, President.



**THE MODERN PRISCILLA**  
**85 Broad St., Boston 9, Mass.**

March 7, 1921

Boston Protective Department,  
40 Purchase Street,  
Boston, Massachusetts.

Gentlemen:—

We wish you to know that we much appreciated the work done in our establishment yesterday by the men of the Protective Department when a slight fire on the top floor threatened considerable water damage for us. Through the efficient work of your men this damage was kept down to a minimum.

Appreciatively yours,

C. B. MARBLE, Assistant General Manager

Expense	Nov. 10, 1914. The White Co. 1.	Nov. 10, 1914 The White Co. 1a.	Oct. 17, 1910 Knox Motor Co. 2.	Jan. 8, 1912 Max Meter Co. 2a.	Aug. 7, 1912 The White Co. 3.	Nov. 10, 1914 The White Co. 3a.	Aug. 8, 1916 The White Co. 28414 Unassigned	Mar. 30, 1918 The White Co. 42874 Unassigned	Sept. 19, 1919 The White Co. 51184 Unassigned	Sept. 4, 1920 Ford 4051284 Service	Nov. 3, 1920 The Back Co. 717899
	1921	1921	1921	1921	1921	1921	1921	1921	1921	1921	1921
Put in service	\$	\$ 1.60	\$ 8.00	\$	\$	\$	\$	\$	\$	\$	\$
Makers	19.15	15.50	6.00	108.60	91.19	86.44	5.00	5.00	36.15	75.00	4.00
Company Nos.	145.44	486.57	5.00	16.98	97	4.00	51.44	51.44	346.44	81.50	8.00
Expense	45.78	85.77	27.05	29.26	57.91	8.25	15.58	11.88	19.42	20.00	20.00
Repairs	73.00	1.54	173.61	88.33	80.45	50	4.06	7.14	64.15	11.58	8.44
Painting	212.95	508.98	173.61	90.45	103.01	50	116.45	72.14	64.15	44.45	44.45
Bell	4.50	52.50	7.00	233.95	155.00	114.81	119.74	2.35	30.24	217.39	217.39
Chassis—	1.00	7.00	7.00	44.25	27.18	20.94	20.94	8.40	8.40	2.10	5.27
Electric—	1.00	5.23	1.50	6.40	1.90	1.90	7.35	7.35	7.35	7.35	7.35
Engine—	1.00	1.50	1.50	6.40	1.90	1.90	7.35	7.35	7.35	7.35	7.35
Cases—	4.50	7.00	7.00	44.25	27.18	20.94	20.94	8.40	8.40	2.10	5.27
Tubes—	1.00	5.23	1.50	6.40	1.90	1.90	7.35	7.35	7.35	7.35	7.35
Rims—	1.00	1.50	1.50	6.40	1.90	1.90	7.35	7.35	7.35	7.35	7.35
Chains, etc.	11.20	1.25	7.50	15.17	15.17	15.17	10.00	10.00	22.00	13.54	8.00
Accessories	11.20	1.25	7.50	6.03	6.04	6.04	33.90	33.90	22.80	2.73	24.95
Totals	\$545.16	\$1,167.64	\$195.11	\$895.06	\$484.12	\$515.92	\$174.79	\$652.50	\$104.96	\$741.90	\$741.90

SUPPLIES AND TOOLS

	Co. No. 1	Co. No. 2	Co. No. 3
Gasoline	\$320.00	\$391.00	\$930.00
Oils	76.46	69.70	357.33
Grease	15.00	45.72	9.25
Soap	23.36	19.48	34.20
Polish	16.25	15.00	10.00
Tools new and repd	26.64	22.61	26.26
Totals	\$486.71	\$563.54	\$1367.04