

ANNUAL REPORT  
OF THE  
CITY AUDITOR  
OF THE  
RECEIPTS AND EXPENDITURES

OF THE  
CITY OF BOSTON AND THE COUNTY OF SUFFOLK,  
STATE OF MASSACHUSETTS,

FOR THE FINANCIAL YEAR

1888-89.

(No. 77 OF THE SERIES.)

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MAY 1, 1888, TO APRIL 30, 1889.

(BOTH INCLUDED.)

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CITY DOCUMENT NO. 95.

BOSTON:  
ROCKWELL AND CHURCHILL, CITY PRINTERS,  
No. 39 ARCH STREET.  
1889.

### ***Fire Department.***

Rents of tenements in engine-houses,	\$638 04
Sale of manure,	291 50
Sale of hose,	249 46
Sale of old material,	130 80
Services of engines,	48 00

1,357 80

*Per item No. 22 of Collector's account.*

### ***Fire Department.***

*Payments for this department including inside repairs on houses: —*

*Salaries to April 25, 1889, inclusive: —*

*Commissioners —*

Robert G. Fitch,	\$3,490 24
John R. Murphy,	3,490 24
Richard F. Tobin,	3,490 24
Frederick W. Smith, jr., Clerk,	2,400 00
L. P. Webber, Chief Engineer,	3,490 24
District Chiefs and Inspectors,	22,136 40

Call Engineers, enginemen, assistant enginemen, and drivers, and officers and members of the various engine, hook-and-ladder, and hose companies,

522,018 20

Clerks in office,

4,483 34

Pensioners,

3,641 28

\$568,640 18

*Horses: —*

*Hay, grain, and straw: —*

Hosmer, Crampton, & Hammond,	\$7,808 88
Scott & Bridge,	6,535 35
Cressey & Noyes,	4,515 35
A. T. Peckham & Co.,	1,752 58
A. P. Aldrich & Sons,	960 00
L. L. Kimball & Co.,	171 59
Stephen M. Grant,	164 07
Sundry parties,	29 17

\$21,936 99

*Purchase and exchange of: —*

W. F. Bowler,	\$7,545 00
Owen Nawn,	725 00
A. W. Davis,	325 00

8,595 00

*Shoeing: —*

William M. Allen,	\$77 80
Back Bay Forge,	201 00
Bailey & White,	129 50
W. W. Blackett,	406 76
Charles G. Corliss,	158 33
M. W. Costello,	113 25
John E. Curry,	189 13
E. Doherty,	386 81
A. S. Foss,	98 79
Alex. L. Goode,	261 30
A. Haley & Co.,	124 20
A. W. Hamilton,	82 50
Patrick Healey,	62 37
J. A. Hersey,	64 00
John J. Kane,	66 50
John Kennedy & Co.,	52 00
William Killion,	95 89

*Carried forward,*    \$2,570 13    \$30,531 99    \$568,640 18    \$4,788,335 21

<i>Brought forward,</i>	\$2,570 13	\$30,531 99	\$568,610 18	\$4,788,335 21
D. A. McClosky,	169 00			
Daniel F. McCormack,	62 61			
James F. McIntosh,	105 11			
John McNeil,	912 55			
McVay & Crowley,	176 50			
M. M. Morris,	77 66			
O'Neil & Murphy,	63 25			
William R. Priest,	185 77			
A. Ramsay,	213 25			
John Roche,	282 36			
J. Scannell & Son,	88 25			
Daniel D. Scott,	83 32			
William F. Shattuck,	179 93			
John Thomas,	93 26			
Very & Co.,	225 91			
Reuben Weeks,	132 75			
Charles White,	111 31			
James Wilson,	97 50			
William Woods,	171 62			
Sundry parties,	225 14			
		6,247 18		
Harnesses and repairs :—				
Ordway, Kimball, &				
Loring,	\$1,828 73			
Charles W. Badger,	349 85			
Kennedy & Murphy,	230 80			
Mansell & Blume,	231 35			
John H. Fuller,	229 50			
Clarence S. Burr,	90 65			
A. Worcester & Sons,	57 00			
Sundry parties,	133 25			
		3,151 13		
Medical attendance and medicine,		250 68		
Horse-hire,		102 25		
			40,283 28	
New apparatus :—				
Boat :—				
John M. Brooks, on ac-				
count,	\$30,721 26			
William Cowles, plans,				
services, and expenses,	1,857 83			
Advertising,	424 10			
		\$33,003 19		
J. Hinman :—				
Two chemical engines,	\$1,650 00			
Twenty-four extinguish-				
ers,	648 00			
		2,298 00		
Abbot-Downing Co. :—				
Two hose wagons,	\$850 00			
Four wagons,	665 00			
Two coal wagons,	560 00			
		2,075 00		
Fire Extinguisher M'fg Co., three-				
horse attachment,		150 00		
La France Fire Engine Co., five				
door-openers,		102 60		
Charles Waugh & Co., pump,		75 00		
George F. Griffin, four life-saving				
harnesses,		32 00		
			87,735 79	
<i>Carried forward,</i>			\$646,659 20	\$4,788,335 21

## FIRE DEPARTMENT.

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<i>Brought forward,</i>		\$646,659 20	\$4,788,335 21
Repairs of apparatus, including stock sent to repair-shop: —			
Mechanics,	\$17,908 70		
Dodge, Haley, & Co.,	722 86		
American Tube Works,	554 76		
Charles Richardson & Co.,	471 37		
James Russell & Sons,	447 40		
Joseph F. Paul & Co.,	433 96		
A. M. Stetson & Co.,	324 00		
Atlantic Works,	295 01		
Scrannage Bros. & Cook,	283 39		
Fuller, Dana, & Fitz,	258 64		
Joseph L. Drew & Son,	189 00		
Ladd, Curry, & Hanmer,	182 30		
Tremont Foundry and Machine Co.,	141 10		
Frank Durkee,	139 56		
Walworth M'f'g Co.,	112 36		
John A. Scott & Son,	100 00		
Woodburn Sarven-Wheel Co.,	99 15		
Nassau & Kuhn,	93 10		
Revere Copper Co.,	90 47		
A. J. Wilkinson & Co.,	75 95		
John Babcock & Co.,	75 00		
Dana Hardware Co.,	68 00		
Lockwood M'f'g Co.,	57 60		
Sundry parties,	636 54		
	<u>\$23,760 22</u>		
Less amount transfered to other items,	4,285 13		
		19,475 09	
Fuel for houses,	\$12,804 76		
Fuel for engines,	2,169 34		
	<u></u>	14,974 10	
Hose and Repairs: —			
C. Callahan & Co.,	\$8,595 05		
Repair-shop,	1,405 04		
Boston Belting Co.,	1,091 50		
J. Hinman,	144 00		
Andrew J. Morse & Son,	129 59		
American Fire Hose M'f'g Co.,	91 50		
C. M. Clapp & Co.,	75 00		
Sundry parties,	24 00		
	<u></u>	11,555 68	
Furniture and bedding: —			
A. L. Haskell & Son,	\$1,274 90		
Thomas O'Callaghan & Co.,	572 66		
Beal, Higgins, & Henderson,	451 90		
Boston Furniture Co.,	414 24		
J. W. Wildes & Co.,	210 91		
Dover Stamping Co.,	177 26		
Charles G. Sargent,	167 58		
Tucker M'f'g Co.,	168 00		
Jones, McDuffee, & Stratton,	106 81		
William E. Bartlett,	90 90		
C. M. Clapp & Co.,	90 00		
F. M. Holmes Furniture Co.,	62 95		
George H. Elson,	56 75		
Ezra Hawkes,	56 48		
Sundry parties,	459 80		
	<u>\$4,361 14</u>		
<i>Carried forward,</i>	\$4,361 14	\$692,664 07	\$4,788,335 21

<i>Brought forward,</i>	\$4,861 14	\$692,664 07	\$4,788,835 21
Washing,	8,875 84		
		7,736 98	
Gas,		7,207 11	
Repairs of houses :—			
Repair-shop, labor and materials,	\$3,938 12		
Hiram Ames,	631 20		
Dalton & Ingersoll,	272 13		
Joseph F. Paul & Co.,	241 38		
Ladd, Curry, & Hanmer,	211 40		
William K. Sawyer,	194 76		
Rowen Bros.,	105 73		
Glendon Co.,	84 70		
Chadwick Lead Works,	83 80		
C. Elms, jr.,	70 00		
Page, Harding, & Co.,	64 74		
Sundry parties,	405 62		
		6,303 58	
Oils and fluids, for engines and lanterns,			
tools, machinery, and supplies :—			
A. W. Chesterton & Co.,	\$436 56		
Allen, Bradley, & Co.,	265 96		
Putnam Machine Co.,	250 00		
A. J. Wilkinson & Co.,	230 98		
Packard & Burrill,	180 23		
Rand & Byam,	154 00		
A. Worcester & Sons,	119 00		
J. E. Lappen & Co.,	114 25		
Thomas Earl,	111 00		
Lappen Bros.,	100 80		
John A. Nowell,	82 60		
Springfield Glue and Emery Wheel			
Co.,	80 50		
Sewall & Day Cordage Co.,	77 72		
George P. Palmer,	65 00		
Charles W. Badger,	63 50		
McBarron, Maxwell, & Co.,	63 00		
Rossney Gas Machine Co.,	60 00		
Sherburne & Co.,	58 26		
John L. Whiting & Son,	55 47		
Repair-shop,	47 78		
Sundry parties,	664 43		
		3,281 04	
Water-rates,		1,515 00	
Rents,		1,315 00	
Printing,		1,125 04	
Hats, badges, and buttons :—			
William H. Wilson,	\$522 00		
Charles West,	172 74		
Clarence S. Burr,	84 35		
Scovill Man'fg Co.,	83 36		
Globe Nickel Plating Co.,	55 00		
Sundry parties,	45 60		
		963 05	
Chemicals,		732 60	
Stationery,		513 09	
Damages,		487 17	
Watering streets,		462 45	
Rations for boat's crew,		420 00	
Ice,		405 86	
Electric lighting,		237 25	
Refreshments for men at fires,		224 35	
<i>Carried forward,</i>		\$725,593 64	\$4,788,835 21

## FIRE DEPARTMENT.

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<i>Brought forward,</i>	\$725,593 64	\$4,788,835 21
Freights,	158 29	
Expenses of detailed men,	114 98	
Repairs of hydrants,	102 94	
Sewer assessment,	62 62	
Inspection of petroleum,	11 00	
Traveling expenses of Commission,	149 30	
Hydrants and reservoirs : — for use of water at fires,	91,386 00	
<b>Total,</b>	<b>\$817,578 77</b>	
<b>FIRE-ALARM TELEGRAPH.</b>		
<i>Payments for carrying on the Telegraph System of Fire-Alarms and care of Bells and Clocks.</i>		
Salaries to April 25, 1889, inclusive : — Brown S. Flanders, Superintendent,		
	\$3,191 24	
Operators and repairers,	21,735 60	
		\$24,926 84
Instruments and repairs : —		
Edwin Rogers & W. E. Decrow,	\$1,960 00	
Tricker Fire-Alarm and Improvement Co.,	960 00	
Edwin Rogers,	469 55	
Albert L. Russell,	336 00	
Electric Gas-Lighting Co.,	161 82	
E. S. Greeley & Co.,	140 35	
Smith & Co.,	100 00	
New England Pottery Co.,	73 62	
Sundry parties,	30 10	
		4,231 44
Wire : —		
Washburn & Moen M'fg Co.,	\$1,467 05	
Eastern Electric Cable Co.,	682 88	
E. S. Greeley & Co.,	420 50	
American Electrical Works,	82 25	
		2,652 68
Poles : —		
John Payne,	\$487 50	
S. A. White,	166 25	
		653 75
Chemicals : —		
J. A. & W. Bird & Co.,	\$524 05	
Carter, Carter, & Kilham,	68 32	
		592 37
Repairs and alterations : —		
Proctor & Drummey,	\$267 75	
Charles Richardson & Co.,	205 48	
Sundry parties,	98 09	
		571 32
Tools, hardware, and general supplies,	437 98	
Harvard University, for furnishing correct time,	400 00	
Car-fares and tolls,	340 56	
Printing,	259 10	
Electric light for clock, East Boston,	236 60	
Freights and wharfage,	208 53	
Sleigh, and shoeing horses,	181 61	
Stationery,	98 77	
Care of clocks and use of bells in West Roxbury and Brighton Districts,	50 00	
Gas for and care of illuminated clock, Williams Market,	37 50	
<i>Carried forward,</i>	<b>\$35,879 00</b>	<b>\$4,788,835 21</b>

## CITY PAYMENTS.

<i>Brought forward,</i>	\$35,879 00	\$4,788,335 21
Fuel,	35 60	
Damages,	30 00	
Care of Alarm at Abbatoir,	10 00	
Washing,	8 07	
Repairs of clocks,	6 75	
Travelling expenses of Commission,	276 00	
<b>Total,</b>	<b>\$36,245 42</b>	

## RECAPITULATION.

Fire Department.		
<i>Per item No. 55 of Treasurer's</i>		
<i>account,</i>	\$817,570 27	
Add amount drawn by Auditor, but		
not paid,	8 50	
	<u>          </u>	\$817,578 77
Fire-Alarm Telegraph,		36,245 42
		<u>          </u>
<i>Per item No. 56 of Treasurer's account,</i>		853,824 19

<i>Brought forward,</i>	\$11,888,123 48
ENGINE-HOUSE, BRIGHTON.	
<i>Balance of payments for building an engine-house on Webster avenue and Waverley street, Brighton.</i>	
(Total payments for site and building, \$26,445.45.)	
Contractors : —	
Masonry, R. R. Mayers & Co.,	\$3,927 50
Heating apparatus, Ingalls & Kendricken,	1,825 00
Carpentry, D. M. O'Connell,	1,613 07
Asphalt floor in stable and cellar : —	
Simpson Bros.,	600 00
Inspectors,	530 50
Gas-fixtures, R. Hollings & Co.,	331 85
Hardware, J. B. Hunter & Co.,	290 08
Engineer and watchman,	288 00
Tinting walls and ceiling, Needham & Joyce,	240 70
Plumbing, John P. Santry,	150 00
Masonry,	67 38
Sliding-pole,	48 00
Insurance,	46 00
Fuel,	36 60
Iron-work,	17 20
Car fares and small items,	12 18
Total,	<u>\$10,023 56</u>
ENGINE-HOUSE, CHARLESTOWN.	
<i>Balance of payments for building an engine-house on Monument street, Charlestown.</i>	
(Total payments for site and building, \$30,787.85.)	
Contractors : —	
Plumbing, James H. Hayes,	\$1,482 81
Heating apparatus, Walworth M'f'g Co.,	1,048 05
Carpentry, John McNamara,	322 67
Painting walls and ceilings, A. F. Richards,	275 00
Asphalt floor, Simpson Bros.,	227 23
Gas-fixtures, R. Hollings & Co.,	220 00
Iron-work,	171 19
Water heater,	37 50
Hardware,	13 65
Total,	<u>\$3,798 10</u>
ENGINE-HOUSE No. 6.	
<i>Balance of payments on account of building an engine-house on Leverett street.</i>	
(Total payments for site and building, \$44,445.21.)	
Contractors : —	
Carpentry, Wm. J. Jobling,	\$5,080 28
Masonry, R. R. Mayers & Co.,	2,713 00
Heating apparatus, Ingalls & Kendricken,	1,654 04
Inspectors,	618 50
Watchman,	228 00
Gas-fixtures, R. Hollings & Co.,	188 00
Paving,	96 34
Iron-work,	85 00
Fuel,	72 45
Plumbing,	41 50
Hardware,	29 04
Gas-piping,	21 54
Total,	<u>\$10,777 69</u>
<i>Carried forward,</i>	\$11,888,123 48



<i>Brought forward,</i>		\$11,888,123 48
<b>FIRE-DEPARTMENT BUILDING, BOYLSTON STREET.</b>		
<i>Balance of payments for building an engine and hook-and-ladder house, corner of Boylston and Hereford streets.</i>		
<i>(Total payments for building, \$47,075.67.)</i>		
Contractors : —		
Plumbing, James Barrett,	\$362 73	
Masonry, Donahue Bros. & Co.,	170 40	
Paving assessment,	113 84	
Watchman, etc.,	26 75	
Total,	<u>\$678 72</u>	
<b>FIRE-DEPARTMENT BUILDING, CHARLESTOWN.</b>		
Painting, M. H. Robinson,	<u>\$13 95</u>	
<b>HIGHLAND-STREET STABLE.</b>		
<i>Payments on account of repairing this building, damaged by fire Jan. 3, 1889.</i>		
Roofing, F. H. Holton & Co.,	\$2,800 00	
Temporary roof and framing new roof: —		
James Nixon,	1,738 80	
Lumber : —		
Curtis & Pope,	\$1,616 02	
E. A. Wight,	20 04	
	<u>1,636 06</u>	
Brick, Ham & Carter,	1,254 00	
Masonry, W. F. Collins,	363 00	
Tools and hardware,	74 11	
Advertising,	39 35	
Carpentry,	26 12	
Fuel,	6 35	
Total,	<u>\$7,487 79</u>	
<b>LADDER-HOUSE, ROSLINDALE.</b>		
<i>Balance of payments for building a ladder-house at Roslindale.</i>		
<i>(Total payments for building, \$25,926.45.)</i>		
Contractors : —		
Masonry, Donahue Bros.,	\$2,068 49	
Heating apparatus, Walworth Construction & Supply Co.,	987 00	
Decorating, J. Sears,	575 00	
Carpentry, John McNamara,	492 64	
Gas-fixtures, J. F. Dalton,	308 18	
Asphalt floor in stable, Simpson Bros.,	298 46	
Plumbing, W. A. Daly,	184 07	
Copper-work, E. Marley & Bros.,	103 70	
Car fares,	47 39	
Fuel,	19 80	
Removing night-soil,	5 90	
Total,	<u>\$5,090 63</u>	

Fire Department, Exclusive of repairs on buildings.							Fire-Alarm Departm't.
Year.	Amount.	Apparatus in service, including Fire-boat, since 1872-73.				Men.	Amount.
		S.E.	H.C.	C.E.	H.&L.		
1869-70	\$286,275 29	21	15	. . .	7	389	<sup>1</sup> \$24,837 67
1870-71	333,891 00	21	14	. . .	7	466	<sup>2</sup> 51,964 00
1871-72	399,249 63	21	17	. . .	7	472	42,763 89
1872-73	605,310 90	22	16	. . .	7	475	40,507 00
1873-74	591,640 27	28	13	1	11	650	<sup>3</sup> 51,092 49
1874-75	591,848 35	29	12	5	11	650	35,258 25
1875-76	564,276 49	29	11	5	11	668	21,497 61
1876-77	560,052 76	29	11	7	11	660	30,267 97
1877-78	550,116 19	29	11	7	11	630	20,627 38
1878-79	545,838 45	29	11	7	11	620	19,427 11
1879-80	245,251 40	29	11	7	11	620	18,959 33
1880-81	573,855 77	29	11	7	12	630	22 527 59
1881-82	540,408 90	29	11	7	12	651	22,411 47
1882-83	560,482 75	29	11	7	12	658	24,674 18
1883-84	602,640 97	32	10	6	13	694	30,029 13
1884-85	660,577 81	32	10	6	14	686	32,000 00
1885-86	660,259 07	32	10	6	14	687	30,265 50
1886-87	674,878 09	32	10	7	14	689	30,564 94
1887-88	733,227 20	33	9	8	15	690	33,413 31
1888-89	811,276 19	34	8	9	16	738	36,245 42

## FIRE DEPARTMENT.

*The following property is in charge of the Board of Commissioners of the Fire Department:—*

## ENGINE-HOUSES.

	Location.	No. of feet in lot.	Remarks.
No. 1 . . .	Dorchester st. . . . .	5,098	Addition built, 1874. Municipal Court, South Boston, two classes Bigelow School, and Ward-room 16 in this building.
2 . . .	East Fourth st., cor O . . .	4,000	H.-&-L. No. 3 in this building. Chemical Engine No. 1, Water Tower, and Lancers' Armory in this building.
3 . . .	Bristol st. and Harrison ave. .	4,000	
4 . . .	Bulfinch st. . . . .	6,098	
5 . . .	Marion st., E.B. . . . .	1,647	
6 . . .	Wall st. . . . .	1,372	Remodelled, 1870. Hook-&-Ladder No. 2 in this building, Formerly occupied by H.-&-L. Co. 4. Remodelled, 1870.
7 . . .	East st. . . . .	1,893	
8 . . .	Salem st. . . . .	2,568	
9 . . .	Paris st., E.B. . . . .	4,000	
10 . . .	River st. . . . .	1,886	H.-&-L. No. 6 in this building. On lot with Mather School-house. Old Engine-house on this lot.
11 . . .	Sumner st., E.B. . . . .	4,010	
12 . . .	Dudley st. . . . .	7,627	
13 . . .	Cabot st. . . . .	4,832	
14 . . .	Centre st. . . . .	5,718	H.-&-L. No. 8, H.-&-L. No. 14, and Hose and Harness shop in this building.
15 . . .	Dorchester ave. . . . .	2,843	
16 . . .	River st., Dorchester Dist. .	12,736	
17 . . .	Meeting-House Hill, " . . .	10,255	
18 . . .	Harvard st., " . . .	7,683	H.-&-L. No. 10 in this building.
19 . . .	Norfolk st., " . . .	9,000	
20 . . .	Walnut st., " . . .	9,355	
21 . . .	Boston st. . . . .	4,463	
22 . . .	Dartmouth st. . . . .	8,445	H.-&-L. No. 11 in this building.
23 . . .	Northampton st. . . . .	4,186	
24 . . .	Cor. Warren and Quincy sts. .	4,175	
25 . . .	Fort Hill square . . . . .	5,628	
26 . . .	Mason st. . . . .	2,690	H.-&-L. No. 10 in this building.
27 . . .	Elm st., Charlestown Dist. .	10,377	
28 . . .	Centre st., W. Roxbury Dist. .	14,358	
29 . . .	Chestnut-Hill ave., Brighton Dist. . . . .	16,275	
30 . . .	Mt. Vernon st., West Roxbury Dist. . . . .	8,188	Formerly Hose-house 9.
32 . . .	Bunker Hill st., Charlestown .	4,637	
33 . . .	Boylston, cor. Hereford . . .		
34 . . .	Western ave., Brighton . . .		

## CHEMICAL ENGINE-HOUSES.

	Location.	No. of feet in lot.	Remarks.
No. 2 . . .	Church st. . . . .	3,412	Ward-room 11 in this building.
3 . . .	Cor. Longwood and Brookline aves. . . . .	5,400	
4 . . .	Poplar st., cor. Washington, West Roxbury . . . . .	14,729	Ladder Co. 16 in this building.
5 . . .	Washington st., between Atherton and Beethoven . .	3,848	
6 . . .	Harvard ave., Brighton . . .	6,112	Formerly Hose-house 9.
7 . . .	Cor. Saratoga and Byron sts. .	10,000	
8 . . .	B st. . . . .	1,804	

## HOSE-HOUSES.

	Location.	No. of feet in lot.	Remarks.
No. 3 . . .	Winthrop st. . . . .	5,230	Charlestown.
4 . . .	Monument st. . . . .	5,668	"
5 . . .	Shawmut ave. . . . .	889	
6 . . .	Chelsea st. . . . .	1,346	
7 . . .	Tremont st. . . . .	4,350	H.-&-L. No. 12 in this building.
8 . . .	North Grove st. . . . .	3,918	
9 . . .	Dorchester st., Washington		
10 . . .	Village . . . . .	1,610	
12 . . .	East Fourth st. . . . .	3,101	

## HOOK-AND-LADDER HOUSES.

	Location.	No. of feet in lot.	Remarks.
No. 1 . . .	Friend st. . . . .	1,676	
4 . . .	Cor. Winslow and Dudley sts.	3,923	
5 . . .	West Fourth st. . . . .	2,469	
7 . . .	Meeting-house Hill . . . . .		On lot with Mather School-house.
9 . . .	Main st., Charlestown . . . .	4,290	Chemical Co. 9 in this building.
13 . . .	Washington st., near Dover,	1,007	
15 . . .	Boylston, cor. Hereford st. .		

## MISCELLANEOUS.

	Location.	No. of feet in lot.	Remarks.
Repair-shop . . . . .	Albany st. . . . .	20,547	{ Fire Dept. Repair-shop. Fire-Alarm Telegraph Re- pair-shop.
Stable and Storehouse .	Bristol st. . . . .		
Fuel-house . . . . .	Salem st. . . . .	417	
H.-&-L. house . . . . .	Eustis st. . . . .	1,764	Unoccupied.
Fuel-house . . . . .	Main st. . . . .	2,430	
Engine-house . . . . .	Centre st. . . . .	1,628	Lock-up in this building.

**STEAM FIRE-ENGINES.** — Thirty-three in service, located as follows: ten in city proper; three in East Boston; three in South Boston; five in Roxbury District; six in Dorchester District; two each in Charlestown and West Roxbury Districts; and two in Brighton District.

**FIRE-BOAT.** — One; located India Wharf.

**HORSE HOSE CARRIAGES AND WAGONS.** — Thirty-six, located as follows, viz.: twelve in city proper; four in East Boston; five in South Boston; five in Roxbury District; four in Dorchester District; four in Charlestown District; two in West Roxbury District; and two in Brighton District.

**HOOK-AND-LADDER CARRIAGES.** — Sixteen in service, located as follows viz.: seven in city proper, including two Hayes Extension-Ladder trucks; one in East Boston; two in Roxbury District; one in South Boston; two in Dorchester District; one each in Charlestown, West Roxbury, and Brighton Districts; and Aerial Ladder in the city proper.

**CHEMICAL ENGINES.**—Nine in service, self-acting, located as follows: two in the city proper; one in East Boston; one in Charlestown; one in South Boston; two in Roxbury District; one in West Roxbury District; and one in Brighton District.

**WATER-TOWER.**—Located in city proper.

**PORTABLE EXTINGUISHERS.**—Carried on all of the Ladder Trucks, and located in the Department houses.

**HORSES.**—One hundred and eighty.

**FUEL-WAGONS.**—Twenty-five, each capable of conveying about two tons, to be used in case of large fires, when more fuel is needed than is carried on the engines.

**WAGONS.**—Ten engineers', four supply (two in service and two in reserve), and two commissioners' buggies.

**PUMPS.**—Forty; thirty-six for carrying hose, two for jobbing, and two for fire-alarm branch. Engineers' sleighs, five.

**FIRE-LADDERS.**—Two hundred and eighty-two of different sizes; one aerial ladder, and nine patent Bangor ladders.

**HOSE.**—About 70,000 feet of leading, and 1,000 feet of suction.

**SPARE APPARATUS.**—Nine Steam Fire-Engines, known as Relief A, B, C, D, E, F, G, H, and I, and one small Hose Jumper at Deer Island, and 700 feet of rubber and cotton hose; also one Hose-Carriage in Engine-house No. 25, with 650 feet of 2½-inch hose, and one at Apparatus Repair-shop, with 300 feet of hose; one in building owned by O. Nawn, on Nawn street, with 400 feet of 2½-inch hose; also one Hand-Engine at the house of Hose 7, Tremont street. Six Hose-Carriages, known as Relief A, B, C, D, E, and F. Two Hook-and-Ladder Carriages, Relief A and B. One Chemical Engine.

**RESERVOIRS.**—Two hundred and thirty-eight, of which thirteen are located at East Boston; eighteen at South Boston; forty-one in Roxbury District; eleven in the Dorchester District; thirty-eight in Charlestown District; nineteen in West Roxbury District; three in Brighton District; and the balance in the different wards of the city proper. They contain from 15,000 to 55,000 gallons each, and are supplied with Cochituate and Mystic water, except in West Roxbury and Brighton Districts.

**REPAIR-SHOP.**—In the repair-shop one 15-horse power steam-engine, cylinder 9 by 31 inches, Putnam Machine Co.; one 20-horse power upright tubular boiler; one 26-inch by 26-inch iron planer, 8-ft. table, 12-ft. bed; one 24-inch swing engine-lathe, 10-ft. bed; one 16-inch swing engine-lathe, 9½-ft. bed; two 14-inch swing engine-lathes, 6-ft. bed; one 13-inch swing hand-lathe, 7½-ft. bed; one 13-inch swing hand-lathe, 9-ft. bed; one No. 2 upright drill; one Sturtevant Pressure Blower; three blacksmith's forges; one furnace for heating tires; together with numerous smaller tools and appliances, and also tools for repairing hose and harness.

**THE ENGINES, HOSE, HATS, AXES, LADDERS,** and all the other apparatus used by the Fire Department, are owned by the city.

**HYDRANTS.**—For supplying water in cases of fire, 5,338, viz.: in the city proper, 1,412; in South Boston, 552; in East Boston, 350; in Roxbury District, 892; in Dorchester District, 945; in West Roxbury District, 585; in Brighton District, 320; in Charlestown District, 266; and 16 on Deer Island. The hydrants are located at an average distance of 250 feet from each other.

#### TELEGRAPHIC FIRE-ALARM.

Magnetic Fire-alarm Apparatus, the whole cost of which is about \$100,000. Working Lines of Wire, about 390 miles; Signal Boxes in use, 470; Striking machines, 37; Whistle machine, 1; Gongs, 117; Box gongs, 51; Tappers, 23; Vibrators, 4; Local registers in department houses, 14; Clocks; one electric Watch clock; two repeating Three-dial Clocks for striking signals; one Magneto-Electric Machine; relays, 65; Eighteen-Pen Registers, 2; Office Bells in use, 5; Telegraph Keys in use, 86; Telephones in use, 67; 1 Switch-board; 37 Galvanometers; 2 portable Rheotropes; 1 Chronometer;

1 set telegraphic apparatus in Superintendent's house; 8 sets telegraphic apparatus in assistants' houses; 1 repeating instrument from West Roxbury, and one from Charlestown, not in use; 1,451 battery cups in use at Central office; 50 cups dry battery in house of Engine No. 15; 60 do. in house of Engine No. 25; 80 do. in house of Engine No. 9; 50 do. in house of Engine No. 10; 50 do. in house of Engine No. 14; 50 do. in house of Engine No. 28; 100 spare battery cups; 265 spare porous cups; 8,000 lbs. sulphate of copper; 890 lbs. zinc; 200 battery coppers; brackets; wire; insulators, etc.; office furniture, bedsteads, bedding, and sundry articles.

## BELLS OWNED BY THE CITY.

Location.	Material.	W'g't in Lbs.
<i>City Proper.</i>		
Castle-street Church, Washington Street, cor. Motte Street . . . . .	Composition.	1,760
Dean School-house, Wall Street . . . . .	"	712
Everett School-house, Northampton Street . . . . .	"	1,501
Faneuil Hall . . . . .	Steel.	5,816
Hancock School-house, Parmenter Street . . . . .	Composition.	4,090
Old South Meeting house, Washington Street, cor. Milk St. . . . .	"	1,200
Phillips School-house, Anderson Street, cor. Pinckney Street, . . . . .	"	900
Quincy School-house, Tyler Street . . . . .	"	2,941
Rice School-house, Appleton Street . . . . .	"	3,042
Wells School-house, Blossom Street . . . . .	"	1,675
<i>Charlestown.</i>		
Bunker-Hill School-house . . . . .	Composition.	2,009
City Hall . . . . .	"	3,600
Rubber Factory . . . . .	"	999
Warren School-house . . . . .	"	3,000
Winthrop (Old) School-house . . . . .	"	3,000
Van Nostrand's Brewery . . . . .	"	818
<i>East Boston.</i>		
Adams School-house, Webster Street . . . . .	Steel.	2,995
Chapman School-house, Eutaw Street . . . . .	"	3,109
Engine-house No. 11, Orleans Street . . . . .	Composition.	817
Princeton-street School-house . . . . .	"	2,470
Saratoga-street M.E. Church . . . . .	Steel.	1,968
<i>South Boston.</i>		
Engine-house No. 1, Dorchester . . . . .	Composition.	2,911
Engine house No. 2, Fourth Street . . . . .	"	800
Lawrence School house, B Street . . . . .	Steel.	3,400
Lincoln School-house, Broadway . . . . .	Composition.	3,110
Ticknor School-house, Dorchester Street . . . . .	Steel.	2,995
<i>Dorchester.</i>		
Engine house No. 16, Temple Street . . . . .	Composition.	4,149
Engine-house No. 17, Meeting-house Hill . . . . .	"	4,000
Engine-house No. 18, Harvard Street . . . . .	"	3,184
Engine-house No. 19, Mattapan . . . . .	"	2,927
Engine house No. 20, Walnut Street . . . . .	"	3,061
Engine house No. 21, Boston Street . . . . .	"	3,026
<i>Roxbury.</i>		
Walpole-street School-house . . . . .	Composition.	2,958
George-street School-house . . . . .	"	4,160
Hook and-Ladder house No. 4, Dudley Street . . . . .	"	3,509
Lewis School-house . . . . .	"	3,104
Smith-street School-house . . . . .	"	4,083
<i>West Roxbury.</i>		
Chemical Engine-house No. 4, Roslindale . . . . .	Composition.	400
Chemical Engine-house No. 5, Egleston Square . . . . .	"	400
Engine-house No. 28, Centre Street . . . . .	"	4,000
Engine-house No. 30, Mt. Vernon Street . . . . .	Steel.	1,000
<i>Brighton.</i>		
Chemical Engine-house No. 6, Harvard Street . . . . .	Composition.	400
Engine-house No. 29, Chestnut-hill Avenue . . . . .	Steel.	1,536

## PUBLIC CLOCKS.

*City Proper.* — Christ Church, Salem street; Odd Fellows' Hall, Tremont street; Old South Church; Suffolk County Jail; State-street Clock; St. Stephen's Church, Clark street; Tremont M.E. Church; Young Men's Christian Union.

*South Boston.* — Bigelow School-house; Lincoln School-house; Phillips Church; St. Augustine Church; Ticknor School-house.

*East Boston.* — London-street Church; Lyceum Hall.

*Boston Highlands.* — Winthrop-street Church; Metropolitan Stables, Tremont street.

*Dorchester.* — Tileston School.

*Charlestown.* — City Hall; High School-house.

*Brighton.* — Bennett School-house.

## BOSTON FIREMEN'S RELIEF FUND.

By Chapter 107 of the Acts of 1880, the Mayor of the City of Boston for the time being (and his successors in office), the Board of Fire Commissioners of the City of Boston for the time being (and their successors in office), were constituted a body corporate for the purpose of receiving and holding all sums of money, and real and personal estate, not exceeding in the aggregate two hundred thousand dollars, which may be given, granted, bequeathed, or devised to it for the benefit of members of the Boston Fire Department, or their families, requiring assistance, or for the benefit of any persons, or the families of any persons, who have been such members, requiring assistance. The property so held shall be known as the Boston Firemen's Relief Fund. The said body corporate shall have authority to manage and dispose of the same and the income thereof according to their best discretion, subject to the provisions of any and all trusts which may be created for the purposes aforesaid.

In accordance with the provisions of the foregoing act, the following-named persons, viz. : His Honor the Mayor, Thomas N. Hart; Fire Commissioners Robert G. Fitch, John R. Murphy, and Richard F. Tobin, — now constitute the Board of Trustees. Thomas N. Hart, Mayor, President; Frederick W. Smith, Jr., Clerk.

The following was the condition of the fund May 1, 1889 : —

Ten certificates of City of Boston Four per cent. Stock	.	.	\$76,000 00
One certificate " " Five " "	.	.	8,000 00
Cash on hand	.	.	7,718 57
			<hr/>
			\$91,718 57