

REPORT  
OF THE  
CITY AUDITOR

OF THE  
RECEIPTS AND EXPENDITURES

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

FOR THE FINANCIAL YEAR

1898-99

FEBRUARY 1, 1898, TO JANUARY 31, 1899  
(BOTH INCLUDED)

CITY DOCUMENT No. 3

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BOSTON  
MUNICIPAL PRINTING OFFICE  
1899

## CITY INCOME.

### *Fire Department.*

Licenses to sell fireworks,	\$1,500 00	
Sales of old material, etc.,	345 19	
Rents,	130 00	
	<hr/>	1,975 19
<i>Carried forward,</i>		<hr/> \$9,746,378 58

## CITY PAYMENTS.

62

### CITY PAYMENTS.

*Brought forward,*

\$9,016,337 42

### *Fire Department.*

Salaries to Jan. 26, 1899, inclusive:

Henry S. Russell, Commissioner,	\$4,986 28	
B. F. Underhill, Jr., Clerk,	2,393 56	
L. P. Webber, Chief Engineer,	3,490 24	
Assistants and District Chiefs,	28,105 12	
Members of the various engine, hook-and-ladder, and hose companies,	812,117 02	
Clerks and messenger in office,	5,774 79	
Pensioners,	44,319 14	
Extra-service men,	588 50	
	<hr/>	\$901,774 65

Horses:

Hay, grain and straw,	\$23,287 45	
Shoeing,	15,062 90	
Purchase and exchange of,	8,138 32	
Harnesses and repairs,	8,155 12	
Medical attendance and medicine,	690 38	
Horse-hire,	2,444 38	
	<hr/>	57,778 55

Repairs of apparatus, including stock sent to repair shop:

Mechanics,	\$25,386 33	
Materials,	19,331 94	
	<hr/>	44,718 27

Repairs and alterations of houses,	28,013 12	
Fuel for houses and engines,	22,402 82	
Hose, pipes and repairs,	10,653 51	
Furniture and bedding,	\$6,514 01	
Washing,	3,461 22	
	<hr/>	9,975 23

Land for addition to lot of

Engine 21:		
8,751 feet Allbright court,	\$8,750 00	
Expert services,	150 00	
Taxes,	57 60	
	<hr/>	8,957 60

Gas,	8,711 56	
Tools and supplies,	8,327 64	

New apparatus:

Three combination chemical engines and ladder trucks,	\$4,415 00	
Combination chemical engine and hose wagon,	1,600 00	
Two hose wagons,	900 00	
Three life nets,	157 50	
Three extinguishers,	72 00	
	<hr/>	7,144 50

Veterinary hospital, on account, Public Building Department, Repair Division. (See special appropriation),

Rents,	4,525 52	
Water-rates,	4,118 00	
Electric lighting,	2,523 20	
Printing,	2,086 56	
Hats, badges and buttons,	1,489 16	
Medical services,	947 94	
	603 00	

*Carried forward,*

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\$1,124,750 83    \$9,016,337 42

## FIRE DEPARTMENT.

63

<i>Brought forward,</i>		\$1,124,750 83	\$9,016,337 42
Chemicals,		589 23	
Janitor at headquarters,		541 50	
Ice,		532 20	
Rent of gas regulators,		531 00	
Stationery,		384 77	
Expenses of detailed men,		278 48	
Removing ashes,		102 00	
Advertising,		97 70	
Repairs of hydrants,		81 88	
Draping houses,		70 00	
Freight and small items,		61 54	
Damages,		39 43	
Salt-water service:			
Water Department, labor,	\$5,324 88		
Castings, etc.,	2,194 10		
Masonry, lumber, etc.,	895 66		
Cable,	848 67		
	<u>\$9,263 31</u>		
Less transferred to special appropriation,	7,500 00		
		<u>1,763 31</u>	
		\$1,129,823 87	
Less transferred to Laying Out and Construction of Highways on account of expenses incurred in moving Engine House No. 21, by reason of the construction of Columbia road,		16,364 38	
		<u>\$1,113,459 49</u>	
FIRE-ALARM TELEGRAPH.			
Salaries: Brown			
S. Flanders, Superintendent,	\$3,190 72		
Operators, repairers, etc.,	35,220 97		
	<u>\$38,411 69</u>		
Wire, cables and conduits,	6,336 44		
Instruments, tools and repairs,	5,021 19		
Repairs and alterations,	4,680 16		
Electric power,	931 62		
Telephone service,	735 85		
Electric light for clocks,	414 78		
Car fares and travelling expenses,	376 51		
Horse-keeping,	317 00		
Cartage and small items,	206 00		
Trimming trees,	98 00		
Repairs of clocks,	16 96		
		<u>57,538 20</u>	
		<u>\$1,170,997 69</u>	
ENGINE-HOUSE AND SITE, NORTH END.			
<i>Payments on account.</i>			
Plans and specifications, Perkins & Betton,		\$980 00	
Printing,		141 93	
		<u>\$1,121 93</u>	
<i>Carried forward,</i>			\$9,016,337 42

<i>Brought forward,</i>		\$9,016,337 42
ENGINE-HOUSE, WARD 23.		
Total cost \$25,000.		
Balance of payments.		
Contractor, L. K. Marston,	\$7,184 81	
Plumbing, Wm. Lumb & Co.,	931 00	
Heating apparatus, Walworth Construc-		
tion and Supply Company,	610 00	
Architect, John A. Fox,	508 52	
Hardware,	275 00	
Lumber,	202 92	
Grading, etc.,	167 01	
Gas piping and fixtures,	106 50	
Furniture,	220 00	
	<u>\$10,205 76</u>	
FIRE-BOAT.		
Total cost, \$14,525.		
Balance of payments for building new hull		
for Engine No. 31.		
Contractor, John M. Brooks,	<u>\$3,631 25</u>	
LADDER TRUCK, HOUSE, AND CHEMICAL		
ENGINE, GROVE HALL.		
Continuation of payments.		
Contractor, L. K. Marston,	\$15,700 00	
Plumbing, Wm. Lumb & Co.,	917 50	
Roofing tile laid, Chas. T. Harris, lessee,	825 00	
Architects, Perkins & Betton,	300 00	
Sewer,	86 73	
Heater,	35 00	
	<u>\$17,864 23</u>	
SALT-WATER FIRE SERVICE.		
(See Fire Department.)		
Transferred from Fire Department,	<u>\$7,500 00</u>	
VETERINARY HOSPITAL.		
Payments on account. (See Fire Department.)		
Contractor, George G. Baker,	\$9,150 25	
Public Buildings Department, Repair		
Division,	1,590 91	
Architect, John A. Fox,	500 00	
Advertising,	45 38	
	<u>\$11,286 54</u>	
RECAPITULATION.		
Fire Department,	\$1,170,997 69	
\$30.75 of this amount drawn for but not paid.		
Engine-house and site, North End,	1,121 93	
Engine-house, Ward 23,	10,205 76	
Fire-boat,	3,631 25	
Ladder-truck, house, and chemical engine,		
Grove Hall,	17,864 23	
Salt-water fire service,	7,500 00	
Veterinary Hospital,	11,286 54	
	<u>1,222,607 40</u>	
Carried forward,		\$10,238,944 82

FIRE DEPARTMENT AND FIRE-ALARM TELE-  
GRAPH.

YEAR.	Apparatus in Service.				Men.	Repairs, Fire Department Buildings.	Erection, Fire Department Buildings.
	<sup>1</sup> S.E.	H.C.	C.E.	H&L		Amount.	Amount.
1889-90.....	34	9	10	16	757	\$25,149 51	\$20,197 80
1890-91.....	38	8	10	16	774	29,293 08	99,046 37
Nine months ending January 31, 1892 ..	40	6	10	17	763	26,173 09	54,158 39
1892-93.....	43	6	10	17	835	39,248 01	51,857 62
1893-94.....	43	5	<sup>2</sup> 11	17	794	15,665 45	69,018 28
1894-95.....	44	4	11	17	786	19,587 89	57,741 19
1895-96.....	44	2	13	17	792	63,503 02	40,987 52
1896-97.....	44	1	14	17	805	21,160 41	10,349 33
1897-98.....	44	1	14	<sup>3</sup> 20	849	30,351 60	21,691 09
1898-99.....	44	.....	15	21	833	28,080 82	40,478 46

In addition to the above there are 2 Water Towers in service.  
<sup>1</sup> Fire-boat included.  
<sup>2</sup> Includes 3 Combination Wagons.  
<sup>3</sup> Includes 4 Combination Trucks.

CITY PROPERTY.

FIRE DEPARTMENT.

The following property is in charge of the Fire Commissioner.

ENGINE-HOUSES.

	LOCATION.	No. of feet in lot.	Remarks.
No. 1.....	Dorchester st.....	5,698	Addition built 1874. Municipal Court, Ward-room 15, in this building.
2.....	Cor. of O and Fourth sts...	4,000	
3.....	Bristol st. and Harrison av.	4,000	Ladder 3 in this building.
4.....	Bulfinch st. ....	6,098	Chemical Engine 1, Lancers' Armory, and water-tower in this building.

ENGINE-HOUSES. — *Concluded.*

	LOCATION.	No. of feet in lot.	Remarks.
5.....	Marion st., East Boston....	1,647	
6.....	Leverett st.....	2,269	
7.....	East st.....	1,893	
8.....	Salem st.....	2,568	
9.....	Paris st., East Boston ....	4,720	Ladder 2 in this building.
10.....	River st.....	1,886	
11.....	Saratoga and Byron sts....	10,000	Combination Co. 4 in this b'ld'g
12.....	Dudley st.....	7,320	
13.....	Cabot st.....	4,832	Remodelled, 1870.
14.....	Centre st.....	5,713	
15.....	Dorchester ave., S. Boston.	2,843	
16.....	River st., Dorchester.....	12,736	Ladder 6 in this building.
17.....	Meeting-house Hill, Dorchester.....	9,450	Ladder-house 7 on this lot.
18.....	Harvard st., Dorchester...	10,225	
19.....	Norfolk st., ".....	7,683	
20.....	Walnut st., ".....	9,000	
21.....	Columbia road ".....	9,355	
22.....	Dartmouth st.....	4,463	
23.....	Northampton st.....	3,445	
24.....	Corner Warren and Quincy sts.....	4,186	
25.....	Fort Hill sq.....	4,175	Ladders 8 and 14 in this building
26-35...	Mason st.....	5,623	
27.....	Elm st., Charlestown.....	2,600	
28.....	Centre st., West Roxbury.	10,377	Ladder 10 in this building.
29.....	Chestnut Hill ave., Brighton ton.....	14,358	Ladder 11 in this building.
30.....	Centre st., W. Roxbury...	12,251	
32.....	Bunker Hill st.....	8,186	
33.....	Cor. Boylston and Hereford sts.....	5,646	Ladder 15 in this building.
34.....	Western ave., Brighton...	4,637	
36.....	Monument st.....	5,668	Combination Co. 5 in this b'ld'g.
37.....	Cor. Longwood and Brookline aves.....	5,400	Chemical Engine 3 in this b'ld'g.
38-39...	Congress st., S. Boston....	4,000	
40.....	Sumner st., East Boston...	4,010	Remodelled, 1870.
41.....	Harvard ave., Brighton....	6,112	Chemical Engine 6 in this b'ld'g.
42.....	Washington st., Egleston sq.....	3,848	Chemical Engine 5 in this b'ld'g.
43.....	Andrew sq.....	5,133	Combination Co. 3 in this b'ld'g.
45.....	In Ladder-house 16.		
CHEMICAL ENGINE-HOUSES.			
No. 2.....	Church st.....	3,412	
4.....	Shawmut ave.....	889	
7.....	Chelsea st.....	1,346	
8.....	B st., South Boston.....	1,804	
10.....	Eustis st.....	1,754	
11.....	North Grove st.....	3,918	

## COMBINATION-HOUSES.

	LOCATION.	No. of feet in lot.	Remarks.
No. 1.....	Dorchester ave., Ashmont,	4,875	
2.....	Fourth st.....	3,101	Remodelled, 1870.
6.....	Washington st., Dor.....	6,874	
7.....	Winthrop st., Chsn. ....	3,000	Armory in building.

## HOOK-AND-LADDER HOUSES.

	LOCATION.	No. of feet in lot.	Remarks.
No. 1.....	Friend st. ....	1,676	
2.....	Paris st., East Boston .....		See Engine-house 9.
3.....	Harrison ave. ....		See Engine-house 3.
4.....	Dudley st. ....	3,923	
5.....	Fourth st. ....	2,469	
6.....	River st., Dorchester .....		See Engine-house 16.
7.....	Meeting-house Hill .....		See Engine-house 17.
8-14...	Fort Hill sq. ....		See Engine-house 25.
9.....	Main st., Charlestown .....	4,290	Chemical 9 in this building.
10.....	Centre st., West Roxbury .....		See Engine-house 28.
11.....	Chestnut Hill av., Brighton .....		See Engine-house 29.
12.....	Tremont st. ....	4,350	Chemical 12 in this building.
13.....	Washington st., near Dover .....	1,007	
14.....	Fort Hill sq. ....		See Engine-house 25.
15.....	Boylston, cor. Hereford st., .....		Engine 33 in this building.
16.....	Roslindale .....	14,729	Engine 45 in this building.
17.....	Harrison ave. ....	2,134	

## MISCELLANEOUS.

	LOCATION.	No. of feet in lot.	Remarks.
Repair-shop.....	Bristol st. }		
Fire Dept. H'dquarters,	Bristol st. }	23,663	
Fuel-house.....	Salem st. ....	417	
Fuel-house.....	Main st., Ch's'n.....	2,430	
Fuel-house.....	Dorchester st. ....	1,610	
Engine-house.....	Mt. Vernon, st., W. R.	16,275	

STEAM FIRE-ENGINES.—Forty-three in service, located as follows: Twelve in city proper, four in East Boston, six in South Boston, five in Roxbury, six in Dorchester, three in Charlestown, four in West Roxbury, and three in Brighton.

FIRE-BOAT. — One, located India Wharf.

HORSE HOSE CARRIAGES AND WAGONS. — Forty-three in service, located as follows: Twelve in city proper, four in East Boston, six in South Boston, five in Roxbury, six in Dorchester, three in Charlestown, four in West Roxbury, and three in Brighton.

HOOK AND LADDER CARRIAGES. — Seventeen in service, including five extension ladder trucks, located as follows: Seven in city proper, one in East Boston, two in Roxbury, one in South Boston, two in Dorchester, one in Charlestown, two in West Roxbury, and one in Brighton.

COMBINATION TRUCKS. — Four in service, located as follows: One in East Boston, one in South Boston, one in Charlestown, and one in Dorchester.

COMBINATION WAGONS. — Three in service, located as follows: One in Dorchester, one in South Boston, one in Charlestown.

CHEMICAL ENGINES. — Twelve in service, self-acting, located as follows: Four in the city proper, one in East Boston, one in Charlestown, one in South Boston, three in Roxbury, one in West Roxbury, and one in Brighton.

WATER-TOWERS. — Two in service, located in city proper.

PORTABLE EXTINGUISHERS. — Carried on all of the ladder trucks and hose wagons, and located in the department houses.

HORSES. — Three hundred and thirty-five.

VETERINARY HOSPITAL. — Swett street, on lot containing 58,700 square feet.

FUEL-WAGONS. — Thirty-nine, each capable of conveying about two tons.

WAGONS. — Seventeen for chief of department and district chiefs (fourteen in service and three in reserve) and one buggy.

PUNGS. — Forty-eight, forty-three for carrying hose, two for jobbing and three for Fire-alarm branch. District chiefs' sleighs, seven.

FIRE LADDERS. — Two hundred and eighty-five, of different sizes.

HOSE. — 109,250 feet of leading and 1,180 feet of suction.

SPARE APPARATUS. — Ten steam fire-engines, five hose wagons, five hook-and-ladder carriages, two chemical engines, and one fire-boat.

RESERVOIRS. — Two hundred and twelve, of which thirteen are located at East Boston, seventeen at South Boston, forty-one in Roxbury, eight in Dorchester, thirty-eight in Charlestown, fifteen in West Roxbury, one in Brighton, and the balance in the different wards of the city proper. They contain from 15,000 to 55,000 gallons each.

REPAIR-SHOP. — In the repair-shop, one 25-horse-power steam-engine, cylinder, 9 by 31 inches, Putnam Machine Company; one 26-inch by 26-inch iron planer, 8-ft. table, 12-ft. bed; two 14-inch swing engines lathes, 6-ft. bed; one 14-inch swing engine lathe, 10-ft. bed; one No. 2 upright drill, four blacksmith's forges, one furnace for heating tires, one 28-inch swing standard engine-lathe, one 14-inch speed lathe, 5-ft. bed; one 14-inch swing patent engine-lathe, 5-ft. bed; one 25-inch shaping machine; one 68-inch radial drill; one duplex and one Blake pump for feeding boilers; one Knowles triplex pump for testing hose; one patent goose-neck belt drill; one band saw, one circular saw, one monarch boring machine, together with numerous smaller tools and appliances and also tools for repairing hose and harness.

Three upright tubular boilers, 100-horse power.

Two dynamos for lighting and fire alarm, one tire upsetter in the blacksmith shop, one No. 2 Blake pump in the hose and harness shop for testing hose.

HYDRANTS. — For supplying water in cases of fire 7,296, viz.: In the city proper 1,478, in South Boston 610, in East Boston 417, in Roxbury 1,193, in Dorchester 1,690, in West Roxbury 1,005, in Brighton, 530, in Charlestown 342, on Deer Island 18, on Long Island 6, on Thompson's Island 2, on Gallop's Island 1, and on Rainsford Island 4. The hydrants are located at a distance of 250 to 300 feet from each other.

FIRE-ALARM BRANCH.

Telegraphic Fire-Alarm Plant, the estimated value of which is \$172,000.

BELLS OWNED BY THE CITY.

LOCATION.	Material.	Weight in lbs.
<i>City Proper.</i>		
Quincy School-house, Tyler street .....	Composition.	2,941
Wells School-house, Blossom street .....	"	1,675
<i>Charlestown.</i>		
Bunker Hill School-house.....	Composition.	2,009
City Hall .....	"	3,600
Warren School-house .....	"	3,000
Winthrop (old) School-house.....	"	3,000
Van Nostrand's Brewery.....	"	818



# BELLS OWNED BY THE CITY. — *Concluded.*

LOCATION.	Material.	Weight in lbs.
<i>East Boston.</i>		
Adams School-house, Webster street.....	Steel.	2,995
Chapman School-house, Eutaw street .....	"	3,109
Engine-house No. 40, Orleans street .....	Composition.	817
Princeton-street School-house.....	"	2,470
Saratoga-street M. E. Church.....	Steel.	1,968
Trinity Church, Trenton street.....	Composition.	1,760
<i>South Boston.</i>		
Engine-house No. 1, Dorchester street.....	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>		
George-street School-house.....	Composition.	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>		
Engine-house No. 28, Centre street .....	Composition.	4,000
Engine-house No. 30, Mt. Vernon street (old).....	Steel.	1,000
Engine-house No. 45, Roslindale.....	Composition.	1,059
<i>Brighton.</i>		
Engine-house No. 29, Chestnut Hill avenue.....	Steel.	1,585
Engine-house No. 34, Western avenue.....	Composition.	1,501
Engine-house No. 41, Allston.....	"	900

## AT FIRE-ALARM REPAIR-SHOP.

Bell formerly used on house of Chemical Engine 5, one composition bell, 400 lbs., formerly used on house of Chemical Engine 4, Roslindale; one composition bell, 400 lbs., formerly used on house of Chemical Engine 6, and two small bells from other locations.

Stored by Public Buildings Department, bell formerly on Faneuil Hall, steel, 5,816 lbs.

## 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-street M. E. Church, Young Men's Christian Union building.

*South Boston.* — Bigelow School-house, Gaston School-house, Lincoln School-house, Phillips Church, St. Augustine's Church and Ticknor School-house.

*East Boston.* — London-street Church, Lyceum Hall, Trinity Church and Orient Heights Church.

*Boston Highlands.* — Winthrop-street Church, West End Stables, Tremont street; Roxbury High School-house.

*Dorchester.* — Tileston School-house, Baker Memorial Church, Upham's Corner.

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

*Brighton.* — Bennett School-house.

*Jamaica Plain.* — Unitarian Church.

*Roslindale.* — Congregational Church.

*West Roxbury.* — South Evangelical Church.

## TRUST FUNDS.

### 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 Fire Commissioner of the city of Boston for the time being (and his 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.: the Mayor, Josiah Quincy; Fire Commissioner, Henry S. Russell—now constitute the Board of Trustees; Josiah Quincy, Mayor, President; Henry S. Russell, Treasurer; Michael J. Lafferty, Secretary.

The following was the condition of the fund January 31, 1899:

Two	City of Boston	Three and one-half per cent. Bonds,	\$13,000 00
Fourteen	"	" Four per cent. Bonds	107,000 00
One	"	" Five " Bond	8,000 00
Cash on hand	.	.	1,967 92
Total	.	.	<u>\$129,967 92</u>