

[DOCUMENT No. 11 — 1968.]



ANNUAL REPORT
OF THE
FIRE DEPARTMENT
FOR THE YEAR 1967.

Boston, February 1, 1968.

HON. KEVIN H. WHITE,
Mayor of Boston.

DEAR SIR:

I have the honor to submit herewith a report of the activities of the Boston Fire Department for the year ending December 31, 1967.

Respectfully submitted,

WILLIAM J. FITZGERALD,
Fire Commissioner.

HISTORY

FIRE COMMISSIONERS	CHIEFS OF DEPARTMENT
*1874-1876. Alfred P. Rockwell.	1826-1828. Samuel D. Harris.
1877-1879. David Chamberlain.	1829-1835. Thomas C. Amory.
1879-1883. John E. Fitzgerald.	1836-1853. William Barnicoat.
1883-1885. Henry W. Longley.	1854-1855. Elisha Smith, Jr.
1885-1886. John E. Fitzgerald.	1856-1865. George W. Bird.
1886-1895. Robert G. Fitch.	1866-1874. John S. Damrell.
1895-1905. Henry S. Russell.	1874-1884. William A. Green.
1905. Patrick J. Kennedy.	1884-1901. Louis P. Webber.
(Acting February 17—March 20.)	1901-1906. William T. Cheswell.
1905-1908. Benjamin W. Wells.	1906-1914. John A. Mullen.
1908-1910. Samuel D. Parker.	1914. John Grady. (1 day.)
1910. Francis M. Carroll.	1914-1919. Peter F. McDonough.
(Acting May 27—September 16.)	1919-1922. Peter E. Walsh.
1910-1912. Charles C. Daly.	1922-1924. John O. Taber.
1912-1914. Charles H. Cole.	1925-1930. Daniel F. Sennott.
1914-1919. John Grady.	1930-1936. Henry A. Fox.
1919-1921. John R. Murphy.	1936-1946. Samuel J. Pope.
1921-1922. Joseph P. Manning.	1946-1948. Napeen Boutilier.
(Acting Nov. 8, 1921—April 1, 1922.)	1948-1950. John F. McDonough.
1922. William J. Casey.	1950-1956. John V. Stapleton.
(Acting April 1—August 24.)	1956. Edward N. Montgomery.
1922-1925. Theodore A. Glynn.	(June 6—September 5.)
1926. Thomas F. Sullivan.	1956-1960. Leo C. Driscoll.
(Acting January 26—July 6.)	1960-1963. John A. Martin.
1926-1930. Eugene C. Hultman.	1963-1966. William A. Terrenzi.
1930-1933. Edward F. McLaughlin.	1966-1967. James J. Flanagan.
1933-1934. Eugene M. McSweeney.	1967. John E. Clougherty.
(October 16, 1933—January 5, 1934.)	(From February 8, 1967.)
1934-1938. Edward F. McLaughlin.	
1938-1945. William Arthur Reilly.	
1945-1946. John I. Fitzgerald.	
(June 7, 1945—January 7, 1946.)	
1946-1950. Russell S. Codman, Jr.	
1950-1953. Michael T. Kelleher.	
1953-1954. John F. Cotter.	
1954-1959. Francis X. Cotter.	
1959. Timothy J. O'Connor.	
(March 2—December 31.)	
1960-1961. Henry A. Scagnoli.	
1961-1966. Thomas J. Griffin.	
1966. Henry A. Scagnoli.	
(Acting July 1—August 17.)	
1966. William J. Fitzgerald.	
(From August 17.)	

*Previous to 1874, the Boston Fire Department was in charge of the Chief Engineer.

SPECIAL COMMENTS

1. Fires

There were 2,099 fires in buildings during 1967. Several of these were large fires, the most spectacular occurring in the C. Crawford Hollidge Department Store, 141-143 Tremont street, on Saturday, February 18, 1967, about 7.10 A.M. Five alarms were sounded and the building was a total loss.

2. Fire Prevention

Again this year as in the past, the Fire Prevention Division submitted an entry in the National Fire Protection Association Contest which is a measuring device for fire prevention programs conducted throughout the country. The Boston Fire Department placed first in the Commonwealth, fourth among cities of over 500,000 population, and fifth nationally.

The Inspection Force of this division has established a program of inspection designed so that the occupants of the premises to be inspected can make no advanced preparations to circumvent the honest viewing of any location. The total number of inspections made by the Inspection Force of this division totaled 26,273 for the year 1967. Places of assembly were also inspected by this Force a total of 2,918 times. Additional inspections were made by the officers in the subdistricts where the places of assembly are located. In locations requiring a specialized knowledge, the inspectors of this division specially trained in that field were assigned to make these inspections to ascertain that no fire hazard existed or continued due to a lack of knowledge. All matters concerning other city departments were reported by the inspections of this division on the necessary forms to the department charged with this responsibility. These totaled 750.

The Arson Inspection Squad of the Fire Prevention Division is charged with the responsibility of investigating the cause and circumstances of every fire and explosion occurring within the city limits. The results of these investigations are to help determine whether such fire was caused by carelessness, design, or is a

violation of law. These investigations are carried on for the use of the Boston Fire Department in removing causes of fires and explosions, apprehending of culprits responsible for fires and the turning over of all the facts and evidence to the office of the State Fire Marshal. Many hours of investigation were spent in investigating cause of fires where arson was suspected in a series of multiple alarm fires that occurred in the North End section of Boston where deaths and injuries were many. Undetermined, suspicious, and incendiary fires totaled 530. Injuries reported and investigated totaled 61 with deaths attributed to fires totaling 31; 6 arrests were made in the course of a year and 8 cases were presented to the Municipal Court; 2 convictions were obtained; one case was tried in Superior Court and a conviction was obtained.

This department continues with its routine In-Service inspections by company units of the department. Information and inspection recorded is appraised in this division and in those instances where further action is required, the inspection report is brought to the attention of Fire Prevention inspectors for closer study of the problem. Their findings are made known to the District Fire Chief and the fire company involved with recommendations and corrective action necessary. These inspections are in excess of 8,700 in the course of a year.

3. *New Equipment and Apparatus*

In keeping with technological advances in the field of communications, the Boston Fire Department purchased 55 portable Channel 2 radios for on-fire-ground operational use. The radios permit the officer in charge of a multiple alarm fire to exercise tactical command not only on every side of the fire but also permits immediate communication with personnel who may be operating inside a building. This device permits every area to keep the Command Center informed of conditions and needs. Operating on a very high frequency band, these radios are also keyed in to Command Posts in three different locations in the city as well as a Mobile Command Post to facilitate on-fire-ground communication.

One of the more important changes which occurred in the year 1967 was the changing over of propulsion power of fire apparatus from gasoline engine to diesel engine. All engine changes required saw the conventional gasoline-powered engine replaced by diesel. Apparatus procurement stipulated that diesel power was to be furnished as well as power steering and driving aids which permit ease in handling of heavy equipment. Contracts were awarded for the purchase of 13 pumping units of 1,250-gallon capacity and one telescopic ladder truck, with delivery in 1968. All units ordered are to be equipped with power aids and automatic transmissions. The telescopic ladder truck (aerial platform truck) is equipped with a platform at the top which can be used to effect rescues, as a water tower, as a work platform, for window ventilation, removal of shutters; also as an elevator for lifting personnel and equipment to upper floors and the stretching of hose to these floors. The platform will hold four persons and can be operated either from the top or the base. New specifications for tractor units require quick disconnects for electrical circuits, hydraulic circuits, power circuits, etc., and a universality of connecting requirements and fifth wheel arrangement to permit the shifting around of tractors and trailer units as the needs of the department dictate. This preplanning is the initial start of a program to gear the vehicular requirements of the department to a reasonable program of replacement in order to avoid in the future the need for a highly accelerated compensatory program of repair necessitated by old age of apparatus falling heir to the ills and vicissitude of obsolescence. New chiefs cars were supplied to each fire district. Each car was equipped with automatic transmission, power steering, and power brakes.

4. *Fire Stations*

The construction of eight new fire stations has been authorized. In cooperation with the Fire Department, the Public Facilities Commission of the City of Boston is working on preliminary plans for two of the stations. Preliminary plans for additional stations will be prepared as soon as definite sites have been procured.

The new stations are to replace old fire houses which are obsolete or which will require relocation due to redevelopment activities in the city. The Public Facilities Commission has prepared a program for alterations and repairs to eight pieces of Fire Department property, based on surveys by members of its staff and officials of the Fire Department.

5. *Training Division*

Forty-eight new fire fighters were appointed to the department on January 18, 1967, and were given seven weeks of intensive training and drilling in basic procedures at fires, including engine and ladder company operations, use of special equipment, first aid, rescue work, and the handling of radioactive materials.

6. *Civil Disturbance*

The Boston Fire Department suffered its first exposure to civil disorder in June of 1967 in the Blue Hill Avenue section of Roxbury. The disturbance which rocketed into a full-blown incident within a twelve-hour period saw the Boston Fire Department immediately adopt emergency operating procedures to permit its continued fire protection of the city and to cope with the meteoric escalation of fire incidents within the area involved. Prompt geographic definition of the area, isolation thereof, withdrawal of fire equipment to the perimeter, application of a Task Force operating concept, qualified response only for fire apparatus, police protection for personnel, personnel protection material, emergency shortwave communication control, retention of personnel on duty and expanded mutual aid arrangements proved relatively successful without any serious lessening of the basic fire protection of the city. The period of disturbance began on June 2, 1967, and after peaking on the third day, began deescalating, reaching a "Period of Unrest" on the fifth day, a phase which permitted the department to return to cautious normal operation with the return of operational control and communications to usual facilities. One fire lieutenant suffered a gunshot wound in the right hand at the scene of a false alarm at Rockville park and Warren street, Roxbury.

and was absent from duty for a year. Thirty fire fighters were injured by missiles thrown by rioters.

7. *Alarms*

The department responded to 32,311 alarms during the year, 184 of which were multiple alarms and 10,882 were false.

In Memoriam

Deaths of Active Members During 1967

January 7

JAMES J. FLANAGAN
Chief of Department

January 22

HARRY F. FOGARTY
Fire Fighter, Ladder 16

March 7

JAMES J. O'REILLY
Fire Fighter, Engine 49

March 30

CATHERINE I. CAINE
Telephone Operator, Headquarters Division

April 17

ROBERT H. LUNDQUIST
Fire Fighter, Engine 21

April 22

ROBERT E. EMERSON
Fire Fighter, Ladder 28

May 5

JOHN J. WALL
Working-Foreman (Blacksmith),
Maintenance Division

May 7

JOHN F. DENEHY
Fire Fighter, Engine 32

May 10

OSCAR BACKER
Fire Fighter, Ladder 31

May 26

GEORGE A. COUGHLIN
Fire Fighter, Ladder 6

In Memoriam

Deaths of Active Members During 1967

June 2

JAMES J. COX
Painter, Maintenance Division

June 26

ALBERT N. POTTER
Fire Fighter, Engine 54

July 7

PETER J. CONNOLLY
Foreman (Carpenter),
Maintenance Division

August 3

WALTER E. KELLEY
Fire Fighter, Fire Prevention Division

August 12

WILLIAM H. HURLEY
Fire Fighter, Engine 2

September 28

DORA FISHMAN
Principal Clerk, Headquarters Division

October 4

WILLIAM B. DOW
Fire Fighter, Headquarters Division

October 17

CHARLES E. SEABOYER
Fire Fighter, Engine 40

November 24

WARREN T. LYNCH
Fire Lieutenant, Engine Squad 18

December 7

EDWARD L. SULLIVAN
Fire Fighter, Engine 32

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**BOSTON FIRE DEPARTMENT
1967**

Fire Commissioner, WILLIAM J. FITZGERALD.

Chief of Department, JAMES J. FLANAGAN (To January 7, 1967).

Chief of Department, JOHN E. CLOUGHERTY (From February 8, 1967).

Executive Secretary, WILLIAM D. SLATTERY.

Medical Examiner, EDWARD H. HOMMEL, M.D.

Assistant Fire Chief in Charge of Training Division, FRANCIS X. FINNEGAN.

Assistant Fire Chief in Charge of Fire Prevention Division, JOSEPH L. DOLAN.

Assistant Fire Chief—Chief of Staff, JOHN F. HOWARD.

Superintendent of Fire Alarm Division, ALBERT L. O'BANION.

Superintendent of Maintenance Division, THOMAS F. CONNORS.

Chaplains, RT. REV. MSGR. JOHN J. McMANMON (Catholic); REV. JOHN E. BARCLAY (Protestant); RABBI SAMUEL I. KORFF (Jewish).

**MEDAL OF HONOR MEN
BOSTON FIRE DEPARTMENT — 1967**

"John E. Fitzgerald Medal."

Awarded to Fire Fighter WILLIAM D. SHEA of the Rescue Company.

"Walter Scott Medal for Valor."

Awarded to Fire Fighter GEORGE W. GIRVAN of Engine Company 13.

"Patrick J. Kennedy Medal of Honor."

Awarded to Fire Fighter ANTHONY W. KANE of Engine Company 2.

ROLL OF MERIT — 1967

Fire Fighter HOWARD F. CLINKSCALE of Ladder Company 13.

Fire Fighter LAWRENCE E. LACASSE of Ladder Company 14.

Fire Fighter JOHN J. McHUGH of Ladder Company 11.

Fire Fighter WILLIAM F. ROACHE of Ladder Company 14.

Fire Fighter TIMOTHY F. SULLIVAN of Ladder Company 14.

Fire Fighter ELLIOT J. MILLER of Engine Company 41.
(Also placed on Roll of Merit during service as a Fire Lieutenant.)

Fire Fighter LEO G. BOWEN of Ladder Company 14.

Fire Fighter WILLIAM M. CALLAGHAN of Ladder Company 14.

Fire Lieutenant LEO J. McELANEY of Ladder Company 26.

Fire Fighter THEODORE M. BROWN of Ladder Company 3.

Fire Fighter JOHN P. BYRNE of Ladder Company 26.

APPOINTMENTS — 1967

(Fire-fighting Division)

DATE	NAME	ASSIGNMENT
January 18	Walter J. Keating	Engine Squad 14
January 18	Donald E. Blake	Engine Company 16
January 18	Richard E. Woods	Engine Company 50
January 18	Kenneth J. Rogers	Engine Company 24
January 18	James F. Reilly	Engine Company 21
January 18	John F. Repta	Ladder Company 15
January 18	Raymond F. Martin, Jr.	Ladder Company 15
January 18	John J. Ryan	Engine Company 33
January 18	John A. Lockhead	Ladder Company 8
January 18	William B. Doody	Ladder Company 17
January 18	Paul S. Rankin	Ladder Company 8
January 18	Joseph F. Hourihan	Engine Company 56
January 18	Emil G. F. Belanger, Jr.	Engine Company 56
January 18	Robert A. Maginnis	Ladder Company 7
January 18	John McIver	Engine Squad 14
January 18	William P. Mahoney	Ladder Company 9
January 18	Philip P. Amico	Engine Company 50
January 18	George W. Cameron	Engine Company 24
January 18	James A. Kearney	Engine Company 56
January 18	Edward T. Riley	Engine Company 24
January 18	Richard P. Hickey	Engine Squad 14
January 18	Dennis P. Greenwood	Engine Company 24
January 18	John J. O'Brien	Ladder Company 23
January 18	Thomas W. DeMarco	Ladder Company 15
January 18	John A. Feeney, Jr.	Engine Company 50
January 18	Robert F. Campbell	Ladder Company 29
January 18	Edward Wadman	Engine Company 13
January 18	Thomas P. Murphy	Engine Company 7
January 18	John R. Crawford, III	Engine Company 41
January 18	Walter L. Wynn	Engine Company 37
January 18	Stuart A. MacLean	Ladder Company 10

DATE	NAME	ASSIGNMENT
January 18	James J. Sullivan	Engine Company 53
January 18	Robert J. McCue	Ladder Company 23
January 18	Joseph J. Gaffney	Engine Company 13
January 18	Donald F. McDonald	Ladder Company 30
January 18	Kevin J. Mochen	Ladder Company 4
January 18	John J. B. Sheehan	Ladder Company 30
January 18	James J. Ochs	Ladder Company 23
January 18	James M. Welch	Ladder Company 19
January 18	Robert G. Cyr	Engine Company 33
January 18	Edward J. Cusack	Engine Company 51
January 18	Robert X. Cassell	Engine Company 42
January 18	Franklin A. Lawrence	Engine Company 12
January 18	Salvatore A. Palermo	Engine Company 53
January 18	Frederick J. Michaud	Engine Company 41
January 18	Robert E. Alexander	Engine Squad 11
January 18	Joseph E. Duggan	Ladder Company 2
January 18	Paul J. Murphy	Engine Company 34
January 18	Edward M. Coffey	Engine Company 39
January 18	Herbert Pearlstein	Ladder Company 8
January 18	Ernest A. LaPorte, Jr.	Engine Company 7

STATISTICS

COMPARATIVE FIRE DEPARTMENT EXPENDITURES

	1966	1967
1. PERSONAL SERVICES		
Permanent employees	\$14,495,143 99	\$15,341,726 63
Overtime	476,086 29	540,856 72
Total Personal Services	\$14,971,230 28	\$15,882,583 35
2. CONTRACTUAL SERVICES		
Communications	\$39,342 18	\$41,132 92
Light, heat, and power	91,405 42	93,324 79
Repairs and maintenance of build- ings and structures	82,049 21	102,288 00
Repairs and servicing of equipment	137,464 26	291,337 10
Transportation of persons	1,680 35	2,567 04
Miscellaneous contractual services	21,164 23	17,193 06
Total Contractual Services	\$373,105 65	\$547,842 91
3. SUPPLIES AND MATERIALS		
Automotive supplies and materials	\$121,018 84	\$141,706 97
Heating supplies and materials	65,115 04	80,795 57
Household supplies and materials	10,642 69	36,010 18
Medical, dental and hospital sup- plies and materials	437 13	1,424 53
Office supplies and materials	37,091 04	22,397 18
Miscellaneous supplies and mate- rials	199,228 10	298,581 84
Total Supplies and Materials	\$433,532 84	\$580,916 27
4. CURRENT CHARGES AND OBLIGATIONS		
Other current charges and obliga- tions	\$97,568 89	\$93,167 11
Total Current Charges and Obliga- tions	\$97,568 89	\$93,167 11
5. EQUIPMENT		
Office furniture and equipment		\$13 44
Miscellaneous equipment	\$291 00	25 15
Total equipment	\$291 00	\$38 59
Grand Total	\$15,875,440 57	\$17,104,548 23

FIRE DEPARTMENT REVENUE—1967

Permits for storage of inflammable fluids, certificates of registration, etc.	\$181,861 30
Commissions from New England Telephone and Tele- graph Company	3,622 50
Damage to fire alarm boxes	6,826 46
Rental of fire stations	1,490 00
Miscellaneous	121 50
Total	\$193,921 76

FIRE ALARM DIVISION 1967

GENERAL SUMMARY OF ALARMS

TOTAL NUMBER OF ALARMS TRANSMITTED
(To Which Apparatus Responded)

	1965	1966	1967
First alarms (boxes).....	19,130	21,179	15,199
Still alarms — Net TOTAL.....	11,066	11,244	16,943
Total Alarms — Boston only.....	30,196	32,423	32,142
Mutual Aid.....	210	187	169
TOTAL ALARMS.....	30,406	32,610	32,311

TELEPHONE ALARMS

	1965	1966	1967
Alarms received from citizens.....	9,325	9,495	9,424
Percent of total alarms.....	30.7	29.2	29.2

FALSE ALARMS

	1965	1966	1967
Total false alarms.....	7,823	10,055	10,882
Percent of total alarms.....	25.7	30.8	33.7

NOTE

The first electric telegraph system for fire alarm in the world was installed in Boston and cost \$16,000. It consisted of forty (40) miles of wire, forty-five (45) signal boxes, or stations, and sixteen (16) alarm bells.

The system was officially accepted by the City of Boston at noon, April 28, 1852, and the first alarm was received from Station 7, District 1 (now Box 1212) at 8.25 P.M., April 29, 1852.

Total box alarms transmitted since April 28, 1852, through December 21, 1967, 579,291.

ANALYSIS OF STILL ALARMS

	1965	1966	1967
Received from citizens by telephone.....	9,325	9,495	9,424
Received from Police Department.....	1,475	1,354	1,397
Received from Fire Department.....	1,843	1,641	1,619
Boxes received—treated as STILLS.....	172	373	6,731
Emergency calls—treated as STILLS.....	2,944	3,237	3,097
Received from Boston Automatic F. A. Div.*.....	183	307	363
Received from A. D. T.*.....	150	83	98
Received from C. P. S.*.....	29	41	52
Received from Hyde Park Alarm System*.....	1	10	7
Received from I.S.A.*.....	—	—	—
GROSS TOTALS.....	16,122	16,541	22,788
DEDUCT			
STILL ALARMS received for which BOX ALARMS were pulled after STILL and BOX ALARMS were transmitted.....	97	104	328
STILL ALARMS received for which BOX ALARMS were transmitted.....	4,959	5,193	5,117
NET TOTAL STILL ALARMS (Boston).....	11,066	11,244	16,943
MUTUAL AID ALARMS.....	210	187	169

* Does not include alarms received after STILL ALARMS or after CITY BOX ALARMS, in which case no action was taken.

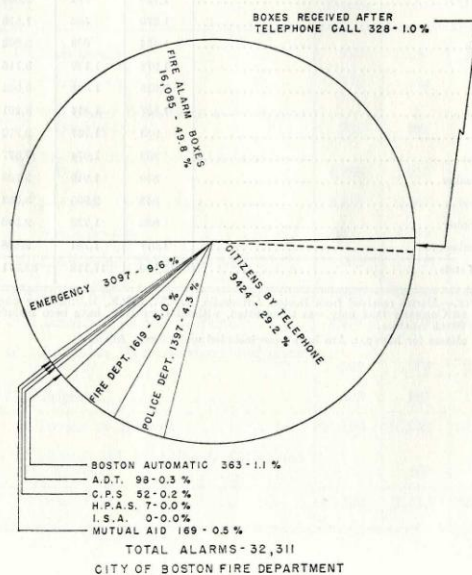
NOTE. NET TOTAL STILL ALARMS indicates number of alarms for which apparatus was dispatched by telephone without BOX ALARM, and alarms for which PRIVATE COMPANY BOX only was transmitted, without CITY BOX ALARM.

ORIGIN OF ALARMS

	1965		1966		1967	
	No.	Per-cent	No.	Per-cent	No.	Per-cent
Box Alarms.....	14,246	46.8	16,255	49.9	16,085	49.8
Citizens by Telephone.....	9,325	30.6	9,495	29.1	9,424	29.2
Boxes Received after Telephone Call.....	*97	*0.3	*104	*0.32	*328	*1.0
Police Department.....	1,475	4.8	1,354	4.2	1,397	4.3
Fire Department.....	1,843	6.1	1,641	5.0	1,619	5.0
Boston Automatic.....	183	0.6	307	0.93	363	1.1
A.D.T.....	150	0.5	83	0.25	98	0.3
C.P.S.....	29	0.1	41	0.12	52	0.2
H.P.A.S.....	1	0.0	10	0.03	7	0.0
I.S.A.....	—	—	—	—	—	—
Mutual Aid.....	210	0.6	187	0.57	169	0.5
Emergency Calls.....	2,944	9.6	3,237	9.9	3,097	9.6
TOTALS.....	30,406	100.0	32,610	100.0	32,311	100.0

* Not carried in total.

ORIGIN OF ALARMS FOR 1967



SUMMARY OF ALARMS—BY MONTHS—1967

	Boxes	Stills	Total
January.....	1,728	902	2,630
February.....	1,270	586	1,856
March.....	1,424	669	2,093
April.....	1,976	1,139	3,115
May.....	2,016	1,038	3,054
June.....	1,387	1,814	3,201
July.....	953	1,757	2,710
August.....	803	1,574	2,377
September.....	849	1,919	2,768
October.....	848	2,205	3,053
November.....	868	1,728	2,596
December.....	1,077	1,781	2,858
Totals.....	15,199	17,112	32,311

NOTE.—Alarms received from Boston Automatic, A.D.T., C.P.S., H.P.A.S., or where PRIVATE COMPANY BOX only was transmitted, without CITY BOX, have been included under STILL ALARMS.

All alarms for MUTUAL AID have been included under STILL ALARMS.

SUMMARY OF ALARMS
ACCORDING TO FIRE DISTRICTS—1967

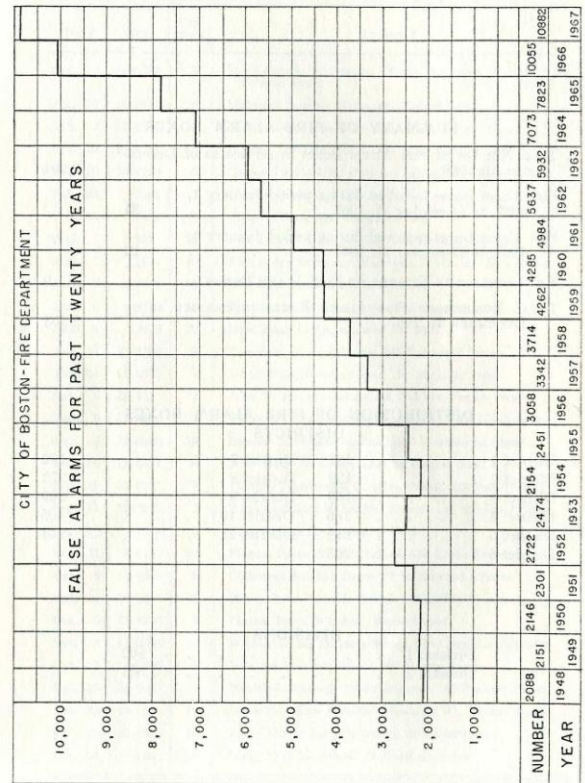
No.		BOXES	STILLS	TOTALS
1	East Boston.....	922	1,266	2,188
2	Charlestown.....	578	624	1,202
3	North and West Ends and Business District.....	859	601	1,460
4	Business District, South End and Back Bay.....	1,758	1,015	2,773
5	Back Bay and Roxbury.....	2,115	2,307	4,422
6	South Boston.....	1,527	1,710	3,237
7	Roxbury and Dorchester North.....	1,902	2,118	4,020
8	Dorchester.....	1,893	2,170	4,063
9	Jamaica Plain and Roxbury.....	1,997	2,427	4,424
10	Roslindale, West Roxbury and Hyde Park.....	840	1,708	2,548
11	Brighton.....	808	997	1,705
	TOTALS IN BOSTON.....	15,199	16,943	32,142
	Mutual Aid to Adjacent Cities and Towns.....	—	169	169
	TOTALS.....	15,199	17,112	32,311

MULTIPLE ALARM FIRES

	1963	1964	1965	1966	1967
Two Alarms.....	91	91	103	139	129
Three Alarms.....	34	29	43	40	37
Four Alarms.....	10	11	11	16	14
Five Alarms.....	10	5	9	7	4
TOTALS.....	145	136	166	202	184

SUMMARY OF MULTIPLE ALARM FIRES
ACCORDING TO MONTHS OF THE YEAR — 1967

MONTH	Two Alarms	Three Alarms	Four Alarms	Five Alarms	Total
January.....	9	1	0	0	10
February.....	19	4	2	1	26
March.....	15	5	1	1	22
April.....	14	6	4	2	26
May.....	8	2	0	0	10
June.....	15	6	2	0	23
July.....	8	2	1	0	11
August.....	5	0	0	0	5
September.....	7	2	1	0	10
October.....	3	0	0	0	3
November.....	13	4	2	0	19
December.....	13	5	1	0	19
TOTALS.....	129	37	14	4	184



SUMMARY OF FIRE ALARM BOXES

Total Number of Fire Alarm Boxes in service as of December 31, 1966	2,294
Fire Alarm Boxes installed during period January 1, 1967, to December 31, 1967	31
Fire Alarm Boxes removed during period January 1, 1967, to December 31, 1967	22
NET INCREASE IN NUMBER OF FIRE ALARM BOXES	9
TOTAL NUMBER OF FIRE ALARM BOXES IN SERVICE AS OF DECEMBER 31, 1967	2,303

DISTRIBUTION OF FIRE ALARM BOXES
DISTRICTS

District 1	127	District 7	192
District 2	132	District 8	272
District 3	158	District 9	209
District 4	180	District 10	405
District 5	219	District 11	204
District 6	205		

DIVISIONS

Division 1	802
Division 2	1,501

FIRE ALARM BOXES INSTALLED IN 1967

DATE	Box	District	LOCATION
Jan. 3	12-2338	5	Northeastern University, Dana Research Center, 110 Forsyth Street
Jan. 20	13-2447	9	Walmont Nursing Home, 461 Walnut Avenue
Feb. 2	12-6218	1	St. Domic Savio High School, 150 Byron Street
Feb. 10	13-7221	6	Bigelow Portable School, 350 West Fourth Street
Feb. 10	13-7223	6	George Frisbie Hoar Portable School, 130 Flaherty Way
Feb. 24	1346	3	Charles Street and Thoreau Path
Feb. 24	1348	3	Thoreau Path, near Blossom Street
June 7	267	10	Blue Ledge Drive and Highercrest Road, South End
June 7	2671	10	Blue Ledge Drive and Highercrest Road, near June Street
June 7	2672	10	Highercrest Terrace, opposite No. 41
June 9	2675	10	Blue Ledge Drive, opposite Blue Ledge Terrace
June 9	2676	10	Blue Ledge Drive, opposite No. 260
Aug. 14	12-2168	9	Townsend Nursing Home, 135 Townsend Street
Aug. 14	12-2555	9	Forest Hills Nursing Home, 101 Brookley Road
Sept. 5	12-181	7	John W. McCormack School, 325 Mt. Vernon Street
Sept. 5	13-3616	8	Robert T. Paine Portable School, 901 Blue Hill Avenue
Sept. 8	13-2979	10	Beethoven Portable School, 5125 Washington Street
Sept. 15	13-3321	8	Lucy Stone Portable School, 22 Regina Road
Sept. 19	13-332	8	Florence Nightingale Portable School, 512 Park Street
Sept. 21	12-1862	7	Portable School, Savin Hill Avenue and Auckland Street
Sept. 25	3364	8	Glenway and Drummond Streets
Sept. 27	13-2796	10	Phineas Bates Portable School, 426 Beech Street
Oct. 3	13-2425	9	Clairmont Nursing Home, 61 Robinwood Avenue
Oct. 3	13-3816	10	Henry Grew Portable School, 40 Gordon Avenue
Oct. 5	13-1895	7	Mather Portable School, Parish Street
Oct. 6	13-2634	10	William Irving Portable School, 114 Cummins Highway
Oct. 17	13-2388	9	Jefferson Portable School, 240 Heath Street
Oct. 19	13-6187	1	Patrick J. Kennedy Portable School, 65 Prescott Street
Oct. 23	13-285	10	Robert G. Shaw Portable School, 20 Mt. Vernon Street
Oct. 25	13-2956	10	Joyce Kilmer Portable School, 35 Baker Street
Oct. 25	13-284	10	Olney Portable School, 37 Hastings Street

FIRE ALARM BOXES REMOVED IN 1967

DATE	Box	DISTRICT	LOCATION
Mar. 1	12-2391	5	Reethaven, 120 Fisher Avenue
Mar. 2	4191	2	Boston & Maine Railroad Office Building, Mystic Wharf
Mar. 2	12-4191	2	Boston & Maine Railroad Mystic Wharf Coal Dock
Mar. 2	4193	2	Mystic Wharf, near Yard Master's Office
April 6	1346	3	Charles Street and Thoreau Path
April 6	1348	3	Thoreau Path, near Blossom Court
May 8	1631	4	Washington and Waltham Streets
June 23	12-2115	5	Aaron Davis School, 14 Yeoman Street
June 23	12-2223	5	Ass Gray School, 36 Weston Street
July 17	2158	9	Washington Park Boulevard, near Warren Street
July 17	2191	9	Hutchings Street, near Elm Hill Avenue
July 17	227	9	Columbus Avenue and Academy Road
July 17	2276	9	Academy Road and Academy Terrace
July 17	2278	9	Weaver Way and Weaver Court
Sept. 1	12-6212	1	Mobil Oil Company, 445 Chelsea Street
Sept. 11	2226	5	Sterling and Warwick Streets
Sept. 11	2282	9	Bainbridge and Mayfair Streets
Sept. 13	2233	5	Ruggles and Warwick Streets
Sept. 15	12-1837	7	Burnap Home for Aged Women, 38 Pleasant Street
Sept. 25	3363	8	Glenway and Fowler Streets
Sept. 25	3362	8	Erie and Ellington Streets
Oct. 13	2395	9	Bickford Street, opposite Horan Way

DAMAGE TO FIRE ALARM FACILITIES — 1967

During the year 1967 there were 261 different incidents in which Fire Alarm Facilities were damaged by street construction or struck and damaged by automobiles and trucks, covering 210 different Fire Alarm Boxes.

In 194 of the incidents damage was caused by unknown persons.

SUMMARY OF DAMAGE

	1965	1966	1967
Number of separate incidents.....	218	217	261
Boxes struck 2 times.....	22	24	32
Boxes struck 3 times.....	2	2	3
Boxes struck 4 times.....	1	0	2
Boxes struck 5 times.....	0	0	1
Boxes struck 6 times.....	1	0	0
Number of different Fire Alarm Boxes involved.....	179	178	210
Test Boxes — Cable Boxes.....	3	9	3
Underground Duct Damaged.....	0	2	0
Damaged by unknown persons.....	159	152	194

SUMMARY OF COSTS FOR PROPERTY DAMAGE

	1965	1966	1967
Cost of labor.....	\$3,171 32	\$3,013 03	\$4,480 80
Cost of material.....	19,773 39	17,571 00	30,836 97
Contractor.....	577 30	1,028 36	2,112 48
TOTAL COST OF DAMAGE.....	\$23,522 01	\$22,212 39	\$37,430 25

**FIRE ALARM CONSTRUCTION FORCE
UNDERGROUND CONSTRUCTION — 1967**

NUMBER OF CON- DUCTORS	TYPE OF CABLE	INSTALLED		REMOVED	
		Feet of Cable	Feet of Conductors	Feet of Cable	Feet of Conductors
4	Polyethylene P.V.C....	5,060	16,240	1,050	4,200
4	Rubber-lead.....	—	—	1,600	6,400
6	Rubber-lead.....	—	—	480	2,880
7	Polyethylene P.V.C....	12,255	85,785	200	1,400
7	Rubber-lead.....	—	—	625	4,375
10	Polyethylene P.V.C....	7,325	73,250	300	3,000
10	Rubber-lead.....	—	—	495	4,950
15	Rubber-lead.....	—	—	1,290	19,350
19	Polyethylene P.V.C....	7,615	144,685	1,184	22,496
19	Rubber-lead.....	—	—	2,465	46,835
19	Rubber jacketed.....	—	—	265	5,035
20	Rubber-lead.....	—	—	400	8,000
30	Rubber-lead.....	—	—	255	7,650
37	Polyethylene P.V.C....	3,410	126,170	80	2,960
37	Rubber-lead.....	—	—	690	25,530
61	Polyethylene P.V.C....	—	—	20	1,220
80	Polyethylene P.V.C....	75	6,000	—	—
Totals.		35,740	270,855	11,399	166,281

OVERHEAD CONSTRUCTION — 1967

Number of Con- ductors	Type of Cable	Installed Feet of Cable	Removed Feet of Con- ductors
4	Polyethylene P.V.C.....	480	—
7	Polyethylene P.V.C.....	4,975	—
10	Polyethylene P.V.C.....	300	—
9	T.B.W.P.....	—	8,020
10	T.B.W.P. Copperweld.....	3,975	—
14	Twisted Pair Conductors.....	1,085	1,470
Totals.		10,815	9,490

Knockdowns attended to..... 261
 Multiple Alarms responded to..... 123
 Fire Alarm Boxes installed to replace defective and/or obsolete movements... 67
 Fire Alarm Boxes installed into Fire Alarm System..... 31
 Aerial Construction on Poles: Transfers, removals, installations, etc..... 363 Poles

**FIRE PREVENTION DIVISION
1967**

**ANNUAL REPORT OF DAILY RECEIPTS —
FIRE PREVENTION DIVISION — 1967**

MONTH	Licenses and Transfers	Permits	Miscellaneous Permits (Bates)	Totals (Receipts)
January.....	\$75 00	\$17,503 34	\$488 00	\$18,066 34
February.....	43 00	5,859 96	294 00	6,196 96
March.....	—	9,626 45	278 17	9,904 62
April.....	49,589 00	1,779 05	403 75	51,771 80
May.....	31,070 00	5,133 59	444 25	36,647 84
June.....	3,030 00	4,257 41	398 50	7,685 91
July.....	2,438 50	15,356 99	291 58	18,087 07
August.....	659 00	7,930 15	390 50	8,979 65
September.....	184 00	7,493 12	386 00	8,063 12
October.....	188 50	6,189 16	490 50	6,868 16
November.....	40 00	4,808 09	472 50	5,320 59
December.....	10 00	4,116 50	380 00	4,506 50
Totals.....	\$87,327 00	\$90,053 81	\$4,717 75	\$182,098 56

FIRE DEPARTMENT

COMPLAINTS RECEIVED AT FIRE PREVENTION DIVISION — 1967

MONTH	Telephone	Counter	LETTERS										Total
			Public	Housing Insp. Dept.	O. N. I.	Med. Air Poll.	Complaint Division	Bureau Foods	Dept. Public Health	Dept. Public Safety	Health & Hospitals Dept.		
January.....	105	—	3	15	1	—	1	—	—	—	—	125	
February.....	64	4	6	8	—	—	1	1	—	—	—	84	
March.....	70	5	7	3	1	5	—	—	—	—	—	91	
April.....	135	—	5	6	—	2	—	—	1	—	—	149	
May.....	179	5	5	13	9	4	—	—	1	—	—	216	
June.....	147	3	16	7	11	2	—	1	—	—	1	188	
July.....	96	1	1	10	1	—	1	—	—	—	—	110	
August.....	100	1	1	11	—	—	3	—	—	—	—	116	
September.....	85	1	3	4	1	—	3	—	—	—	—	97	
October.....	93	3	4	7	2	—	1	—	—	—	—	110	
November.....	106	1	2	2	—	—	—	—	—	—	—	111	
December.....	81	1	4	9	1	—	—	—	1	—	—	97	
Totals.....	1,261	25	57	95	27	13	10	2	2	1	1	1,464	

ORDERS ISSUED, AND CONDITIONS REFERRED TO OTHER DEPARTMENTS — 1967

MONTH	Abatement Orders	Service Orders	Form 65a								Total
			Building Dept.	Housing Insp. Dept.	Dept. of Public Safety	Real Property Div.	School Dept.	Health and Hospitals Dept.	Public Works Dept.	Water Dept.	
January.....	190	5	91	4	—	—	—	—	—	—	290
February.....	56	4	83	7	1	—	—	—	—	—	151
March.....	145	11	82	6	1	—	—	—	1	—	246
April.....	180	5	50	1	—	—	—	—	1	—	237
May.....	204	12	65	7	—	1	2	—	1	—	292
June.....	100	14	67	6	—	—	—	—	—	—	187
July.....	92	3	31	2	—	—	—	—	—	—	128
August.....	111	3	51	3	—	2	1	—	—	1	172
September.....	130	11	53	5	1	—	—	—	—	1	200
October.....	91	2	27	2	—	—	—	—	1	—	124
November.....	81	4	45	6	—	—	—	—	—	—	136
December.....	98	3	37	4	—	—	—	—	—	—	142
Totals.....	1,478	77	682	53	3	3	3	2	2	2	2,305

ANALYSIS OF FIRES IN BUILDINGS AND CAUSES OF FIRES

ANALYSIS OF FIRES IN BUILDINGS* FOR YEAR 1967

Construction of Buildings

Fire-resistive	219
Second-class	991
Third-class	849
Other type	40
Total	2,099

Point of Origin

Basement	339
First floor	695
Second floor	398
Third floor	286
Above third	134
Roof	28
Outside	219
Total	2,099

Extent of Fire

Confined to point of origin	1,370
Confined to building	640
Extended to other building	89
Total	2,099

Causes of Fires in Buildings — 1967

Chimneys, soot burning	1
Defective chimney	21
Sparks from chimney on roof	3
Defectively installed heater	3
Rubbish near heater	1
Hot ashes	0
Fuel oil burners	53
Starting fires — kerosene or gasoline	4
Careless smoking	844
Children and matches	209
Other careless use of matches	16

FIRE DEPARTMENT

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Defective wiring	116
Electric appliances and motors	78
Home dry cleaning	0
Flammable liquids near flames	7
Kerosene lamps, stoves	3
Grease, food on stove	39
Clothes, furniture too near fire	13
Spontaneous ignition	11
Fireworks	4
Thawing water pipes	0
Sparks from machines	13
City gas and appliances	27
Miscellaneous known causes	131
Malicious mischief	20
Incendiary or suspicious	233
Unknown	249
Total	2,099

Outside Fires

Rubbish	4,874
Dump	139
Brush or grass	2,104
Other outdoor	1,173
Marine	12
Automobile	1,404
Total	9,706
Rescue (emergency calls)	6,037
Out of city calls	199

* Building fires without loss are not included in this list.