

[DOCUMENT No. 11 — 1961.]



ANNUAL REPORT  
OF THE  
FIRE DEPARTMENT  
FOR THE YEAR 1960.

Boston, February 1, 1961.

HON. JOHN F. COLLINS,  
*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, 1960.

Respectfully submitted,

HENRY A. SCAGNOLI,  
*Fire Commissioner.*

## SPECIAL COMMENTS

## HISTORY

## FIRE COMMISSIONERS

*1874-1876.	Alfred P. Rockwell.
1877-1879.	David Chamberlain.
1879-1883.	John E. Fitzgerald.
1883-1885.	Henry W. Longley.
1885-1886.	John E. Fitzgerald.
1886-1895.	Robert G. Fitch.
1895-1905.	Henry S. Russell.
1905.	Patrick J. Kennedy. (Acting February 17-March 20.)
1905-1908.	Benjamin W. Wells.
1908-1910.	Samuel D. Parker.
1910.	Francis M. Carroll. (Acting May 27-September 16.)
1910-1912.	Charles C. Daly.
1912-1914.	Charles H. Cole.
1914-1919.	John Grady.
1919-1921.	John R. Murphy.
1921-1922.	Joseph P. Manning. (Acting Nov. 8, 1921-April 1, 1922.)
1922.	William J. Casey. (Acting April 1-August 24.)
1922-1925.	Theodore A. Glynn.
1926.	Thomas F. Sullivan. (Acting January 26-July 6.)
1926-1930.	Eugene C. Hultman.
1930-1933.	Edward F. McLaughlin.
1933.	Eugene M. McSweeney. (October 16, 1933-January 5, 1934.)
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-	Henry A. Scagnoli.

## CHIEFS OF DEPARTMENT

1826-1828.	Samuel D. Harris.
1829-1835.	Thomas C. Amory.
1836-1853.	William Barnicoat.
1854-1855.	Elisha Smith, Jr.
1856-1865.	George W. Bird.
1866-1874.	John S. Damrell.
1874-1884.	William A. Green.
1884-1901.	Louis P. Webber.
1901-1906.	William T. Cheswell.
1906-1914.	John A. Mullen.
1914.	John Grady. (1 day.)
1914-1919.	Peter F. McDonough.
1919-1922.	Peter E. Walsh.
1922-1924.	John O. Taber.
1925-1930.	Daniel F. Sennott.
1930-1936.	Henry A. Fox.
1936-1946.	Samuel J. Pope.
1946-1948.	Napeen Boutilier.
1948-1950.	John F. McDonough.
1950-1956.	John V. Stapleton.
1956.	Edward N. Montgomery. (June 6-September 5.)
1956-1960.	Leo C. Driscoll.
1960-	John A. Martin. (From February 1, 1960.)

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

## 1. Fires

During 1960 there were 2,096 fires in buildings, which is a decrease from the number of fires that occurred during 1959. There has been a steady decrease in the number of building fires over the past six years.

## 2. Space Heaters (Oil Burners)

As the result of extensive research and tests conducted by the department at our laboratories on Moon Island in connection with space heaters, it is with great satisfaction that we can report no loss of life during the latter part of 1960 because of fire or explosion in space heaters. In accordance with information obtained from these tests, the Underwriters Laboratories will no longer put their seal of approval on any barometric feed-type space heater which, over a period of years, should result in their no longer being used in this area.

It was learned from our tests that two important precautions should always be taken before lighting space heaters: (a) Always fill the container to the brim, and (b) never use chilled oil. A city-wide publicity campaign was conducted concerning these two precautions, and 200,000 circulars giving information concerning the use of space heaters were distributed throughout the school system.

## 3. In-Service Inspections

In-service inspections were carried out during the year 1960 from April 1 to October 30. It is believed that these inspections, together with the inspection work performed by members of the Fire Prevention Division, have had an important bearing in reducing the number of building fires in the city.

## 4. New Fire Station

On June 11, 1960, a new fire station at Tremont and West Concord streets, to house Engine 22 and Ladder 13, was opened and occupied by those companies.

## 5. Fire Stations Closed

On the same day the old fire station at 72 Warren avenue, Boston, was closed, as was also the fire station at 1046 Tremont street, Roxbury, which formerly housed



Engine Company 13 and Ladder Company 12. Ladder Company 12 was disbanded, and Engine Company 13 was relocated in the quarters of Ladder Company 23 at 36 Washington street, Dorchester.

Engine Squad 18 moved from the fire station at 30 Harvard street, Dorchester, to the former quarters of Engine Company 46 (disbanded) at 1884 Dorchester avenue, Dorchester. Engine House 18 is no longer used for Fire Department purposes.

#### 6. *Underwater Recovery Team*

Under the direction of Chief of Department John A. Martin an underwater recovery team was formed, composed of fire fighters who have completed professional training and who have received certificates as qualified skin divers. The team, which consists of eleven members, rendered valuable service in recovering bodies from an airliner which crashed in Boston Harbor on October 7, 1960.

#### 7. *Fire Training Academy*

The Fire Training Academy located on Moon Island, Boston Harbor, Quincy, Massachusetts, was completed during the year. Dedication ceremonies took place on November 3, 1960, but prior to that time it was used for training activities.

Training has been universally recognized as a prime requisite in all fields of endeavor, and a consideration of job efficiency emphasizes this point. Certainly there is no field of endeavor more important than one concerned with the protection of life and property. Therefore considerable effort has been expended in this area by the department.

Weather conditions necessitate the separation of training activities into two phases — the cold weather phase and the temperate weather phase. Outside training programs are curtailed during periods of low temperatures. This provides an opportunity to utilize training personnel for inside programs consisting of: a close review of methods and procedures; surveys of the condition of equipment and appliances and the efficiency of personnel in their operational use; film programs covering particular fire-fighting and rescue problems; the conduct of classes covering automatic sprinkler systems, fire alarm and detection systems, utility gas and

electric installations, and hydrant installations. This latter was accomplished through the use of the many cut-away and working models of such units which had been donated and installed in our new Fire Academy by public-spirited individuals and firms.

During periods of moderate temperatures, initially the old Navy Fire School, and, upon its completion, the new Training Academy were used for: (1) review training in various fireground evolutions; (2) the indoctrination of personnel in new operational procedures; (3) surveys and evaluations of methods and equipment, including items of new equipment developed for the fire service. The various fire companies were assigned to the training area for unit drilling a sufficient number of times so that all company personnel could actively participate and engage in the programs in progress. This method of scheduling company training permits the maintenance of "team work" so essential in successful fireground operations.

In the past year many requests were received for training of personnel other than members of this department. The Armed Forces, various governmental agencies, hospitals, schools, industrial and business concerns were allowed to participate in training programs covering various phases of basic fire safety, operational use of fire-fighting and rescue equipment, and emergency rescue procedures. Instructional courses were developed and conducted in accordance with specific needs.

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## In Memoriam

### Deaths of Active Members During 1960

January 13

JAMES P. WALSH

Fire Fighter, Engine Company 42

February 5

EDWARD J. CONNORS

Working Foreman, Fire Apparatus Repairman,  
Maintenance Division

March 27

CHARLES NASSIF

Fire Fighter, Engine Company 33

May 3

WALTER W. FLEMING

Fire Captain, Ladder Company 8

May 18

EDWARD F. MCCARTHY

Fire Fighter, Headquarters Division

August 2

NICHOLAS S. MAFFEI

Fire Fighter, Engine Company 56

August 30

RAYMOND J. DEMPSEY, SR.

Fire Fighter, Headquarters Division

September 10

WILLIAM A. PIERCE

Fire Lieutenant, Engine Company 10

November 2

WILLIAM J. GRIFFITHS

Fire Fighter, Engine Company 37

December 6

DONALD J. FROST

Fire Fighter, Engine Company 51

December 7

RUTH P. SULLIVAN

Clerk and Typist, Headquarters Division

December 29

J. HERBERT WHITE

District Fire Chief, District 9

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## PERSONNEL

### BOSTON FIRE DEPARTMENT 1960

*Fire Commissioner*, HENRY A. SCAGNOLI.

*Chief of Department*, LEO C. DRISCOLL, to February 1, 1960.

JOHN A. MARTIN, from February 1, 1960.

*Executive Secretary*, WILLIAM D. SLATTERY.

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

*Assistant Fire Chief in Charge of Fire Prevention Division*, JOHN E. CLOUGHERTY.

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

*Assistant Fire Chief in Charge of Fire-Fighting Force, Personnel, and Training*, WILLIAM A. TERRENZI.

*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 — 1960

*"John E. Fitzgerald Medal."*

Awarded to Fire Fighter JOHN L. CAMPBELL, Ladder Company 12.

*"Walter Scott Medal for Valor."*

Awarded to Fire Lieutenant WARREN A. HARDY, Ladder Company 12.

*"Patrick J. Kennedy Medal."*

Awarded to Fire Lieutenant PAUL J. O'BRIEN, Ladder Company 4.

### ROLL OF MERIT — 1960

Fire Lieutenant FRANCIS J. CUMMINGS, Ladder Company 13.

Fire Fighter JAMES L. FITZGIBBONS, Ladder Company 15.

Fire Fighter FRANK GAMBARDELLO, Engine Company 33.

Fire Fighter WILBUR W. LUACAW, Engine Company 42.

Fire Fighter JOHN NICHOLAS, Engine Company 33.

Fire Fighter LEO M. MYOTT, Ladder Company 21.

### APPOINTMENTS — 1960 (Fire-Fighting Division)

No new appointments were made during the year 1960.

### REINSTATEMENT — 1960 (Fire-Fighting Division)

DATE	NAME	ASSIGNMENT
November 9	DANIEL F. DUFFY	Engine Company 34



REPORT OF THE  
COMMISSIONER OF THE  
LAND OFFICE  
FOR THE YEAR  
1900

ROLE OF THE  
LAND OFFICE  
IN THE  
DEVELOPMENT  
OF THE  
COUNTRY

REPORT OF THE  
COMMISSIONER OF THE  
LAND OFFICE  
FOR THE YEAR  
1900

REPORT OF THE  
COMMISSIONER OF THE  
LAND OFFICE  
FOR THE YEAR  
1900

# STATISTICS

Year	Area	Population	Value
1900	100,000	1,000,000	10,000,000
1901	100,000	1,000,000	10,000,000
1902	100,000	1,000,000	10,000,000
1903	100,000	1,000,000	10,000,000
1904	100,000	1,000,000	10,000,000
1905	100,000	1,000,000	10,000,000
1906	100,000	1,000,000	10,000,000
1907	100,000	1,000,000	10,000,000
1908	100,000	1,000,000	10,000,000
1909	100,000	1,000,000	10,000,000
1910	100,000	1,000,000	10,000,000

### COMPARATIVE FIRE DEPARTMENT EXPENDITURES

	1959	1960
1. PERSONAL SERVICES		
Permanent employees . . . . .	\$12,107,593 07	\$11,959,661 40
Overtime . . . . .	229,442 21	336,669 36
Total Personal Services . . . . .	\$12,337,035 28	\$12,296,330 76
2. CONTRACTUAL SERVICES		
Communications . . . . .	\$38,070 20	\$37,679 86
Light, heat, and power . . . . .	82,621 50	87,429 46
Repairs and maintenance of build- ings and structures . . . . .	91,827 41	75,297 99
Repairs and servicing of equipment . . . . .	61,922 52	67,429 58
Transportation of persons . . . . .	1,642 08	966 50
Miscellaneous contractual services . . . . .	18,323 96	14,761 26
Total Contractual Services . . . . .	\$294,407 67	\$283,564 65
3. SUPPLIES AND MATERIALS		
Automotive supplies and materials . . . . .	\$84,545 47	\$93,667 55
Food supplies . . . . .	—	1 60
Heating supplies and materials . . . . .	79,269 88	71,792 11
Household supplies and materials . . . . .	13,092 34	14,481 01
Medical, dental, and hospital sup- plies and materials . . . . .	295 44	1,465 26
Office supplies and materials . . . . .	25,106 08	24,215 48
Miscellaneous supplies and materials . . . . .	232,447 59	186,527 95
Total Supplies and Materials . . . . .	\$434,756 80	\$392,150 96
4. CURRENT CHARGES AND OBLIGATIONS		
Other current charges and obliga- tions . . . . .	\$11,189 51	\$13,384 81
Total Current Charges and Obliga- tions . . . . .	\$11,189 51	\$13,384 81
5. EQUIPMENT		
Automotive equipment . . . . .	—	\$1,665 74
Office furniture and equipment . . . . .	\$1,665 69	4,665 21
Miscellaneous equipment . . . . .	105,350 69	67,246 66
Total Equipment . . . . .	\$107,016 38	\$73,577 61
Department Total . . . . .	\$13,198,803 83	\$13,059,008 79

### FIRE DEPARTMENT REVENUE — 1960

Permits for storage of inflammable fluids, certificates of registration, etc. . . . .	\$255,034 41
Sale of badges . . . . .	32 95
Commissions from New England Telephone and Telegraph Company . . . . .	3,645 27
Damage to apparatus and motor vehicles . . . . .	254 50
Damage to fire alarm boxes . . . . .	5,404 69
Miscellaneous receipts . . . . .	88 48
Reimbursement from Commonwealth of Massachusetts for expenditures for fire alarm construction work on John F. Fitzgerald Expressway . . . . .	24,630 12
Rental of fire stations . . . . .	302 00
Total . . . . .	<u>\$289,392 42</u>

0071 8 20 1960

TO: [illegible]  
 FROM: [illegible]  
 SUBJECT: [illegible]

RE: [illegible]

1. [illegible]  
 2. [illegible]  
 3. [illegible]  
 4. [illegible]  
 5. [illegible]

0071 8 20 1960

TO: [illegible]  
 FROM: [illegible]  
 SUBJECT: [illegible]

RE: [illegible]

1. [illegible]  
 2. [illegible]  
 3. [illegible]  
 4. [illegible]  
 5. [illegible]

# FIRE ALARM DIVISION 1960

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## FIRE ALARM DIVISION

## GENERAL SUMMARY OF ALARMS

TOTAL NUMBER OF ALARMS TRANSMITTED  
(To Which Apparatus Responded)

	1958	1959	1960
First alarms (boxes).....	10,468	11,541	12,462
Still alarms — Net Total.....	6,889	7,517	8,377
Total alarms — Boston only.....	17,357	19,058	20,839
Mutual Aid.....	102	116	137
TOTAL ALARMS.....	17,459	19,174	20,976

## TELEPHONE ALARMS

	1958	1959	1960
Alarms received from citizens.....	5,973	6,395	6,842
Per cent of total alarms.....	34.2	33.3	30.6

## FALSE ALARMS

	1958	1959	1960
Total false alarms.....	3,714	4,262	4,285
Per cent of total alarms.....	21.3	22.2	20.4

## NOTE

The first electric telegraph system for fire alarm in the world (in Boston) cost \$16,000 and consisted of 40 miles of wire, 45 signal boxes, or stations, and 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 31, 1960, 460,864.

## ANALYSIS OF STILL ALARMS

	1958	1959	1960
Received from citizens by telephone.....	5,973	6,395	6,842
Received from Police Department.....	707	742	1,059
Received from Fire Department.....	1,219	1,305	1,545
Boxes received — treated as STILLS.....	148	167	38
Emergency calls — treated as STILLS.....	2,563	2,647	2,555
Received from Boston Automatic Co.*.....	154	139	182
Received from A. D. T.*.....	234	279	198
Received from C. P. S.*.....	2	7	16
GROSS TOTALS.....	11,000	11,681	12,435
DEDUCT			
STILL ALARMS received for which BOX ALARMS were pulled after STILL and BOX ALARMS were transmitted.....	65	91	111
STILL ALARMS received for which BOX ALARMS were transmitted.....	4,046	4,073	3,947
NET TOTAL STILL ALARMS (Boston).....	6,889	7,517	8,377
MUTUAL AID ALARMS.....	102	116	137

\* Does NOT include alarms received after STILL ALARM or after CITY BOX ALARM, 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.

## SUMMARY OF ALARMS—BY MONTHS—1960

	Boxes	Stills	Totals
January.....	906	544	1,450
February.....	893	555	1,448
March.....	949	589	1,538
April.....	1,144	791	1,935
May.....	1,008	703	1,711
June.....	950	752	1,702
July.....	897	717	1,614
August.....	869	588	1,457
September.....	1,023	795	1,818
October.....	1,355	770	2,125
November.....	1,360	963	2,323
December.....	1,108	747	1,855
TOTALS.....	12,462	8,514	20,976

NOTE.—Alarms received from Boston Automatic, A. D. T., C. P. 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.

## ORIGIN OF ALARMS

	1958		1959		1960	
	No.	Per Cent	No.	Per Cent	No.	Per Cent
Box Alarms.....	6,505	37.26	7,544	39.34	8,442	40.25
Citizens by telephone.....	5,973	34.21	6,395	33.35	6,842	32.62
Boxes received after telephone call.....	65	0.37	91	0.47	111	0.52
Police Department.....	707	4.05	742	3.87	1,059	5.05
Fire Department.....	1,219	6.98	1,305	6.81	1,545	7.37
Boston Automatic Company.....	154	0.88	139	0.72	182	0.87
A. D. T.....	234	1.34	279	1.46	198	0.94
C. P. S.....	2	0.01	7	0.04	16	0.07
Mutual Aid.....	102	0.59	116	0.60	137	0.65
Emergency calls.....	2,563	14.68	2,647	13.81	2,555	12.18
TOTALS.....	17,459	100%	19,174	100%	20,976	100%

SUMMARY OF ALARMS  
ACCORDING TO FIRE DISTRICTS—1960

No.		Boxes	Stills	Totals
1	East Boston . . . . .	701	541	1,242
2	Charlestown . . . . .	424	305	729
3	North and West Ends and Business District . . . . .	790	577	1,367
4	Business District, South End and Back Bay . . . . .	1,283	710	1,993
5	Back Bay and Roxbury . . . . .	1,943	895	2,838
6	South Boston . . . . .	1,192	593	1,785
7	Roxbury and Dorchester North . . . . .	1,778	937	2,715
8	Dorchester . . . . .	1,085	1,158	2,243
9	Jamaica Plain and Roxbury . . . . .	1,377	802	2,179
10	Roslindale, West Roxbury and Hyde Park . . . . .	936	1,103	2,039
11	Brighton . . . . .	953	756	1,709
	Totals in Boston . . . . .	12,462	8,377	20,839
	Mutual Aid to Adjacent Cities and Towns . . . . .	—	137	137
	Totals . . . . .	12,462	8,514	20,976

## [MUTUAL AID ALARMS]

	Response of BOSTON to Outside Cities and Towns					Response of Adjacent Cities and Towns to BOSTON				
	1956	1957	1958	1959	1960	1956	1957	1958	1959	1960
Brookline.....	23	18	17	27	36	113	138	125	111	135
Cambridge.....	9	8	10	5	12	11	9	4	7	9
Chelsea.....	8	12	7	9	16	9	9	2	3	5
Dedham.....	7	9	6	14	10	11	32	19	18	28
Everett.....	2	4	2	5	3	3	3	1	2	2
Hull.....	0	0	1	0	0	0	0	0	0	0
Lynn.....	0	0	1	1	0	0	0	0	0	0
Medford.....	0	1	0	1	0	0	0	0	0	0
Melrose.....	0	0	0	1	0	0	0	0	0	0
Milton.....	4	13	5	5	5	2	3	2	2	1
Newton.....	14	11	16	15	22	31	31	16	18	27
Quincy.....	1	6	3	3	5	14	18	10	14	15
Revere.....	1	0	0	1	1	0	1	0	0	0
Somerville.....	34	32	33	29	27	29	42	42	37	51
Winthrop.....	0	0	1	0	0	1	4	4	9	5
Totals.....	103	114	102	116	137	224	310	225	221	278

## MULTIPLE ALARM FIRES

	1956	1957	1958	1959	1960
Two Alarms.....	76	65	47	58	44
Three Alarms.....	33	26	23	14	21
Four Alarms.....	8	8	1	5	8
Five Alarms.....	2	2	2	2	1
Totals.....	119	101	73	79	74

SUMMARY OF MULTIPLE ALARM FIRES  
ACCORDING TO MONTHS OF THE YEAR—1960

Month	Two Alarms	Three Alarms	Four Alarms	Five Alarms	Total
January.....	1	3	1	0	5
February.....	2	2	1	0	5
March.....	8	0	0	0	8
April.....	3	3	0	0	6
May.....	5	2	0	0	7
June.....	2	2	3	0	7
July.....	2	1	1	1	5
August.....	1	1	0	0	2
September.....	4	1	0	0	5
October.....	5	1	0	0	6
November.....	4	1	1	0	6
December.....	7	4	1	0	12
Totals.....	44	21	8	1	74

## SUMMARY OF FIRE ALARM BOXES

Total number of fire alarm boxes in service as of December 31, 1959.....	2,130
Fire alarm boxes installed January 1, 1960, to December 31, 1960.....	10
Fire alarm boxes discontinued January 1, 1960, to December 31, 1960.....	13
NET DECREASE in number of fire alarm boxes.....	3
Total number of fire alarm boxes in service as of December 31, 1960.....	2,127

TOTAL ALARMS TO WHICH APPARATUS RESPONDED	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
20,000																				
19,000																				
18,000																				
17,000																				
16,000																				
15,000																				
14,000																				
13,000																				
12,000																				
11,000																				
10,000																				
9,000																				
8,000																				
	12,438	10,627	12,548	12,358	13,074	17,084	15,189	13,916	16,399	16,064	15,247	18,744	17,204	15,150	17,525	17,462	20,363	17,459	19,174	20,976



### DISTRIBUTION OF FIRE ALARM BOXES DISTRICTS

District 1	127	District 7	182
District 2	129	District 8	240
District 3	160	District 9	186
District 4	157	District 10	362
District 5	201	District 11	188
District 6	195		

### DIVISIONS

Division 1	768
Division 2	1,359
Total	2,127

### FIRE ALARM BOXES INSTALLED IN 1960

DATE	BOX	DISTRICT	LOCATION
Apr. 12	12-2236	5	Cabot Nursing Home, 85 Vernon Street.
July 12	12-3268	8	Stop & Shop Supermarket, 757 Gallivan Boulevard.
Aug. 30	13-2495	9	Home for Italian Children, Inc., 1125 Centre Street.
Oct. 11	12-5225	11	Harvard University Business School, Harvard Way, opposite Kresge Hall.
Oct. 25	14-233	5	New England Conservatory of Music, Dormitory Building, 33 Gainaborough Street.
Oct. 25	12-545	11	Mary Lyon School, 57 Turner Street
Nov. 30	13-1721	7	Ralph Waldo Emerson School, 6 Shirley Street.
Nov. 30	13-2355	5	Farragut School, 10 Fenwood Road.
Nov. 30	12-3635	8	Solomon Lewenberg School, 20 Outlook Road.
Dec. 6	12-7435	6	Joseph Tuckerman School, 286 Emerson Street.

### FIRE ALARM BOXES DISCONTINUED IN 1960

DATE	BOX	DISTRICT	LOCATION
Mar. 1	1345	3	Poplar and Spring Streets.
May 17	14-1471	3	Pilgrim Theatre, 658 Washington Street.
May 17	12-7161	6	Hersey Manufacturing Company, West Second and E Streets.
May 24	12-3272	8	Keystone Manufacturing Company, 151 Hallett Street.
July 12	12-3851	10	Allied Container Company, 1715 Hyde Park Avenue.
July 19	1343	3	Minot Street, opposite Wall.
July 19	1346	3	Leverett and Coting Streets.
July 19	1348	3	Poplar and Chambers Streets.
July 19	1351	3	St. Joseph's School, 44 Blossom Street.
July 19	12-1351	3	William Blackstone School, 33 Blossom Street.
Sept. 27	4159	2	Boston and Maine Railroad Yard, off 572 Rutherford Avenue near Roundhouse.
Nov. 30	12-1355	3	Winchell School, Parkman and Blossom Streets.
Nov. 30	12-1593	4	Boston Technical High School, Belvidere Street.

### FIRE ALARM BOXES RELOCATED IN 1960

Fire Alarm Box 4112 was relocated and designation changed, as given in General Order No. 28, dated May 24, 1960, viz.:

4112, Warren Avenue and Front Street.

Fire Alarm Box 1338 was relocated and designation changed, as given in General Order No. 59, dated November 8, 1960, viz.:

1338, Staniford and Green Streets.

Fire Alarm Box 3115 was relocated and designation changed, as given in General Order No. 61, dated November 30, 1960, viz.:

3115, Richfield and Westwood Streets.

## CHANGE IN DESIGNATION OF FIRE ALARM BOXES IN 1960

GENERAL ORDER No.	Box No.	GENERAL ORDER No.	Box No.
3	3832	26	13-162
9	12-1591	29	2273
9	12-1541	32	1821
9	13-2362	38	5241
9	12-3786	38	5255
9	12-3816	55	7253
9	1622	55	5163
9	1625	57	545
9	1628	57	12-2378
22	1624	61	1721
22	1627	61	2355
22	1626	61	3635
22	1629		

FIRE ALARM CONSTRUCTION FORCE  
UNDERGROUND CONSTRUCTION — 1960

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...	6,260	25,040	740	2,960
4	Rubber-Lead .....	—	—	1,438	5,752
6	Rubber-Lead .....	—	—	2,346	14,076
6 pr	No. 166 Phone .....	1,000	12,000	—	—
7	Polyethylene P. V. C...	6,035	42,245	80	560
7	Rubber-Lead .....	—	—	42	294
10	Polyethylene P. V. C...	6,434	64,340	4,815	48,150
10	Rubber-Lead .....	—	—	1,591	15,910
10	Anhydrex Jacket .....	—	—	246	2,460
15	Rubber-Lead .....	—	—	1,399	20,985
19	Polyethylene P. V. C...	6,220	118,180	1,095	20,805
19	Rubber-Lead .....	—	—	2,896	54,024
19	Anhydrex Jacket .....	—	—	60	1,140
20	Rubber-Lead .....	—	—	745	14,900
30	Rubber-Lead .....	—	—	1,739	52,170
37	Polyethylene P. V. C...	10,572	391,164	1,289	47,693
37	Rubber-Lead .....	—	—	2,364	87,468
61	Polyethylene P. V. C...	2,963	180,743	80	4,880
61	Rubber-Lead .....	—	—	330	20,130
80	Polyethylene P. V. C...	1,140	91,200	—	—
80	Rubber-Lead .....	—	—	1,140	91,200
	Totals .....	40,624	924,912	24,435	505,557

## OVERHEAD CONSTRUCTION — 1960

	Installed Feet	Removed Feet
No. 10 Copperweld T. B. W. P.—“Duraline”	3,010	—
No. 9 T. B. W. P. Galvanized	—	21,050
No. 14 Twisted Pair—Weatherproof	—	775
2 No. 14 Polyethylene P. V. C.	567	—
2 No. 14 Nonmetallic	—	750
4 No. 14 Nonmetallic	—	475
4 No. 14 Polyethylene P. V. C.	11,422	—
6 No. 14 Nonmetallic	—	330
7 No. 14 Polyethylene P. V. C.	3,000	—
Totals	17,999	23,380
Knockdowns Attended to		162
Multiple Alarms Responded to		70
Fire Alarm Boxes Installed		15
Line Construction, Installations, Removals, Transfers, Slack Hauled, etc.		297 poles

**FIRE PREVENTION DIVISION  
1960**



## ANNUAL REPORT OF DAILY RECEIPTS — FIRE PREVENTION DIVISION — YEAR 1960

Month	Permits Installable Fluids	License Renewals	License Transfers	Burner Inspection Fees	Open-Air Fires	Blasting Permits	Gas Tank Removals	Decorative Materials	Sprinkler Permits	Total
January	\$2,035 80	\$114 00	\$1 00	\$405 00	\$238 00	\$20 00	\$21 00	\$69 00	\$15 00	\$2,018 80
February	1,121 00	578 00	1 00	400 00	404 00	20 00	6 00	58 00	15 00	2,603 00
March	2,644 00	41,776 50	—	339 00	597 00	35 00	6 00	64 00	20 00	45,481 50
April	88,205 00	29,740 00	3 00	195 00	347 00	50 00	9 00	91 00	15 00	118,655 00
May	16,422 50	11,211 50	6 00	666 00	391 00	20 00	6 00	51 00	30 00	28,894 00
June	3,531 00	2,008 00	11 00	506 00	476 00	60 00	24 00	70 00	15 00	6,701 00
July	3,132 00	2,853 50	—	582 00	451 50	55 00	15 00	17 00	10 00	7,136 00
August	3,146 00	2,034 00	12 00	673 00	172 50	40 00	15 00	44 00	10 00	6,140 50
September	6,579 50	547 50	5 00	849 00	454 00	45 00	12 00	72 00	—	8,564 00
October	2,983 50	242 00	3 00	1,193 00	211 50	15 00	24 00	36 00	5 00	4,713 00
November	2,846 00	61 00	2 00	1,106 00	149 00	95 00	27 00	55 00	55 00	4,396 00
December	1,428 30	78 00	3 00	404 00	112 00	10 00	21 00	56 00	10 00	2,122 30
	\$134,094 60	\$91,244 00	\$47 00	\$7,218 00	\$4,093 50	\$465 00	\$186 00	\$683 00	\$200 00	\$238,241 10

## SUMMARY OF INSPECTIONS AND INVESTIGATIONS — 1960

## INSPECTION FORCE 1960 — FIRE PREVENTION DIVISION

Number of complaints received	2,680
Number of inspections made	38,863
Number of abatement orders issued	2,629
Number of corrections made	2,930
Number of reinspections made	5,302
	52,404

## NIGHT CLUB INSPECTIONS

Places of assembly inspected	3,703
Number of abatement orders issued	137
Number of corrections made	892
Certificate of analysis approved	277
Certificates of flameproofing approved	284
	5,293

## INSPECTIONS BY FIRE COMPANY OFFICERS AND FIREFIGHTERS

Building inspections	36,048
Reinspections	1,733
Theaters	12,320
Schoolhouses	6,790
Public buildings	6,478
Oil farms	87
Carhouses	75
New installations — oil burner inspections	2,526
Inflammable fluids, storage facilities, etc.	2,362
Open-air fires	413
Tank removals	60
License renewals, inflammables, garages, etc.	3,145
Parking lots	341
License petitions (location approvals)	111
Blasting	92
Boarding homes for children, day nurseries, boarding homes for aged, convalescent homes, etc., hospital, institutions, etc.	962
	73,543
Total inspections and reinspections	131,240
Conditions referred to other departments (written)	814

## FIRE DRILLS

Schools	2,742
Theaters	384
Hospitals, institutions, etc.	706
Industrial and mercantile establishments	1,000

## SCHOOL PROGRAM

Number of school visits made	390
Number of pupils spoken to (all visits)	28,375

## ARSON SQUAD ACTIVITIES — 1960

Undetermined fires . . . . .	147
Suspicious fires . . . . .	1
Incendiary fires . . . . .	2
Causes given but investigated . . . . .	168
Multiple alarms . . . . .	78
Deaths . . . . .	33
Injuries . . . . .	68
Arrests . . . . .	16
Municipal court cases . . . . .	7
Municipal court convictions . . . . .	5
Superior court cases . . . . .	1
Superior court convictions . . . . .	1
Gas odors investigated . . . . .	45
Fire prevention inspections . . . . .	554
Bomb scares investigated . . . . .	47

## CASUALTY REPORT AND REASON

	INJURIES	DEATHS
Bed and bedding . . . . .	1	
Burned while lighting gas stove . . . . .	1	
Careless disposal of cigarette . . . . .	4	
Careless smoking . . . . .	10	
Careless smoking in bed . . . . .	1	2
Careless use of matches . . . . .	1	
Careless use of smokers' articles . . . . .	3	1
Careless use of space heater . . . . .	2	
Carelessness . . . . .	1	
Children with matches . . . . .	1	2
Children with matches and lighter fluid . . . . .	4	
Cigarettes . . . . .	1	4
Cooking . . . . .	1	
Defective space heater . . . . .	1	1
Electric wiring in wall socket . . . . .	1	
Explosion, Charlestown . . . . .	3	4
Explosion of nitrogen tank . . . . .		2
Explosion, undetermined . . . . .	4	
Explosion, wallpaper remover . . . . .	2	
Flooded oil burner . . . . .	1	
Fuel oil burner . . . . .		1
Heating pad . . . . .	1	
Ignition of clothing . . . . .	1	1
Ignition of tile setting adhesive . . . . .	1	
Incendiary . . . . .	3	
Light bulb . . . . .	1	
Mattress fire . . . . .	1	
Set by occupant with cigarette lighter . . . . .	1	
Short circuit . . . . .	1	
Smoker's article . . . . .	1	1
Smoking on couch . . . . .	1	
Transformer . . . . .	1	
Undetermined . . . . .	12	14
Total . . . . .	68	33

CHEMICAL LABORATORY  
Summary of Analyses and Tests — 1960

	SAMPLES REPORTED
Decorations . . . . .	702
Building Department . . . . .	5
Investigations . . . . .	31
Flash points . . . . .	3
Field tests . . . . .	11
Total fees collected . . . . .	\$676

PHOTOGRAPHIC LABORATORY  
Summary of Activities — 1960

	JOBS
Arson . . . . .	202
Accidents . . . . .	56
Department activities . . . . .	96
Public relations . . . . .	17
Fire prevention . . . . .	164
Multiple alarms . . . . .	78
I. D. photographs . . . . .	7
Number of negatives . . . . .	3,998
Number of prints . . . . .	8,053

## COMPLAINTS RECEIVED AT FIRE PREVENTION DIVISION — 1960

Month	Telephone	Counter	Levy			Totals
			Public	Health	Miscellaneous	
January.....	76	8	6	1	1	92
February.....	82	3	4	—	—	89
March.....	75	3	2	—	—	80
April.....	71	6	—	—	—	77
May.....	67	4	2	—	—	73
June.....	139	15	13	—	—	107
July.....	99	19	8	—	—	126
August.....	102	12	7	1	—	122
September.....	88	5	9	2	—	104
October.....	154	18	6	—	—	178
November.....	102	13	4	3	—	123
December.....	121	15	11	5	5	157
Totals.....	1,176	121	72	12	7	1,388

## FIRE DEPARTMENT

## ORDERS ISSUED AND CONDITIONS REFERRED TO OTHER DEPARTMENTS — 1960

Month	Absentee Orders	Service Orders	Building	Health	Public Safety	Miscellaneous	Total
January.....	351	37	76	8	—	—	472
February.....	286	43	79	7	—	—	415
March.....	225	43	76	5	—	—	349
April.....	254	40	74	6	—	—	374
May.....	237	44	78	6	5	2	372
June.....	251	38	67	4	4	3	367
July.....	177	43	76	5	—	7	308
August.....	127	39	78	4	1	—	249
September.....	150	46	86	4	—	4	290
October.....	204	44	68	2	4	1	323
November.....	160	45	84	5	5	—	299
December.....	207	34	74	5	—	1	321
Totals.....	2,629	406	916	61	19	18	4,139



ANALYSIS OF FIRES  
IN BUILDINGS  
AND CAUSES OF FIRES

# ANALYSIS OF FIRES IN BUILDINGS FOR YEAR 1960

## Construction of Buildings

Fire-resistive . . . . .	225
Second-class . . . . .	985
Third-class . . . . .	805
Other type . . . . .	81
Total . . . . .	2,096

## Point of Origin

Basement . . . . .	328
First floor . . . . .	608
Second floor . . . . .	366
Third floor . . . . .	281
Above the third . . . . .	144
Roof . . . . .	62
Outside . . . . .	307
Total . . . . .	2,096

## Extent of Fire

Confined to point of origin . . . . .	1,221
Confined to buildings . . . . .	756
Extended to other buildings . . . . .	119
Total . . . . .	2,096

## Causes of Fires in Buildings — 1960

Chimney, soot burning . . . . .	6
Defective chimney . . . . .	20
Sparks from chimney at roof . . . . .	16
Rubbish near heater . . . . .	16
Defectively installed heater . . . . .	19
Hot ashes . . . . .	4
Fuel oil burner . . . . .	142
Careless smoking . . . . .	967
Children with matches . . . . .	164
Defective wiring . . . . .	143
Electric appliances and motors . . . . .	102
Flammable liquids near stove or fire . . . . .	2

Kerosene lamps and stoves . . . . .	3
Grease and food on stove . . . . .	10
Clothes or furniture near fire . . . . .	10
Spontaneous ignition . . . . .	40
Thawing water pipes . . . . .	4
Sparks from machines . . . . .	4
City and gas appliances . . . . .	22
Miscellaneous known causes . . . . .	143
Malicious mischief . . . . .	40
Incendiary or suspicious . . . . .	22
Unknown . . . . .	166
Home dry cleaning . . . . .	12
Starting fires — kerosene or gasoline . . . . .	4
Other careless use of matches . . . . .	15
Total . . . . .	2,096

## Causes of Outdoor Fires — 1960

Rubbish . . . . .	3,238
Dump . . . . .	137
Brush or grass . . . . .	2,749
Other outdoor . . . . .	598
Marine . . . . .	11
Automobile . . . . .	1,007
Total . . . . .	7,740
Rescues (emergency calls) . . . . .	4,529
Out-of-the-city calls . . . . .	160