

[DOCUMENT No. 11 — 1962.]



ANNUAL REPORT
OF THE
FIRE DEPARTMENT
FOR THE YEAR 1961.

Boston, February 1, 1962.

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, 1961.

During the period covered by this document Mr. Henry A. Scagnoli was Fire Commissioner from January 1, 1961, to July 12, 1961. I was appointed to the office of Fire Commissioner on July 13, 1961.

Respectfully submitted,

THOMAS J. GRIFFIN,
Fire Commissioner.

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.
 1933-1934. 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.)
 1960-1961. Henry A. Scagnoli.
 1961-. Thomas J. Griffin
 (From July 13, 1961.)

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 Boutillier.
 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.

SPECIAL COMMENTS**1. Fires**

During 1961 there were 1,994 fires in buildings. The foregoing is a decrease from the number of building fires which occurred in 1960.

2. Fire Prevention

During the year 1961 the department was awarded a plaque by the National Fire Protection Association for placing first in the Commonwealth of Massachusetts, third among municipalities of over 500,000 in the United States, and fifth among all cities in the nation in a National Fire Prevention Contest held during the year 1960. This, of course, means that we are at the top among cities of the United States in fire prevention activities.

The intense campaign to educate the public in the use of space heaters has been continued. Only one death has been recorded from fires caused by space heaters during the year 1961. During 1959 twelve deaths were caused by defective space heaters, and in 1960 two persons died from this cause.

A microfilm photographic unit was installed in the Fire Prevention Division during the year, reducing the space required for the keeping of thousands of inspection reports and other records.

3. Building Plans

With the cooperation of the Building Commissioner, the Fire Department has been examining all plans for alterations in existing buildings and for new building construction in the city to insure compliance with all fire regulations prior to the issuance of a building permit by the Building Department. During the year 1961 the Fire Prevention Division has examined and approved, or disapproved, approximately 1,000 plans which were submitted by architects and engineers prior to the issuance of a building permit. As a result of the examination of building plans, it is felt that buildings being altered or erected in the City of Boston will be much safer from a fire prevention point of view than was previously the case. Many recommendations were made bearing on fire safety such as the installation of automatic sprinklers, heat detectors, local fire alarm systems in buildings of hazardous occupancy, dormitories, schools, nursing homes, and hospitals.

4. *Fire Stations Abandoned*

On July 1, 1961, the following fire stations were vacated by the Fire Department, and the companies quartered therein were relocated, with the exception of Engine Company 27, which was deactivated:

Engine Squad 11, Ladder Company 21 — 761 Saratoga Street, East Boston.

Engine Company 27, Ladder Company 9 — 333 Main Street, Charlestown.

Engine Company 43, Ladder Company 20 — 5 Boston Street, South Boston.

Engine Squad 11 was transferred to the quarters of Engine Company 5 at 360 Saratoga Street, while Ladder Company 21 was housed with Engine Company 56 at 1 Ashley Street.

Ladder Company 9 was relocated in the quarters of Engine Company 32 at 440 Bunker Hill Street, Charlestown, while Engine Company 43 and Ladder Company 20 were relocated in the fire station at 900 Massachusetts Avenue.

The foregoing relocations are in line with the consolidation program of the department and will result in the saving of several thousand dollars annually. The relocation of fire fighters and apparatus has not impaired the operating efficiency of the department, and maximum protection is still afforded to the sections of the city in which the changes were made.

5. *Training Activities*

During the year all officers and members of the Fire Department were given advanced training in fire-fighting operations at the Fire Academy on Moon Island. Over 2,700 members of the Boston Police Department also received instructions in fire prevention and the protection of life and property against the scourge of fire. Key personnel in hospitals, schools, United States Coast Guard, Boston Naval Shipyard, oil companies, industrial plants, and many others received instructions in basic fire safety and fire fighting at the academy.

6. *Fire Apparatus*

Contracts were awarded in November of 1961 for the furnishing of ten pumping engines, four 100-foot aerial ladder trucks, and two 85-foot aerial ladder trucks to replace old and obsolete equipment. This apparatus when placed in service will increase our operating efficiency at fires and other emergencies.

In Memoriam

Deaths of Active Members During 1961

January 20

ARNOLD N. REIS

Fire Fighter, Engine Company 3

January 23

RICHARD F. CONCANNON

Fire Fighter, Ladder Company 15

February 12

HARRY W. MURPHY

District Chief, District 4

March 13

JOHN D. CASEY

Fire Fighter, Engine Company 40

April 22

CHARLES E. DOHERTY

Storekeeper, Maintenance Division

May 12

DANIEL A. COLLINS

Fire Fighter, Fire Prevention Division

June 6

HENRY M. DURAND

Fire Fighter, Engine Squad 18

July 12

EDWARD P. CONLEY

Fire Fighter, Engine Company 53

July 14

CHARLES J. HURLEY

Fire Fighter, Engine Company 8

August 15

HUGH E. MACKINNON

Fire Fighter, Ladder Company 18

September 29

WILLIAM F. BURKE

Fire Fighter, Ladder Company 11

October 30

JOHN P. MANNING

Senior Fire Alarm Operator, Fire Alarm Division

November 30
CARL S. BOWERS
District Chief, Headquarters Division

December 4
RALPH L. MULLEN
Fire Fighter, Engine Company 54

December 16
WILLIAM J. McMAHON
Fire Fighter, Second Engineer, Engine Company 47

December 25
JOSEPH P. DOYLE
Fire Fighter, Headquarters Division

PERSONNEL

BOSTON FIRE DEPARTMENT 1961

Fire Commissioner, HENRY A. SCAGNOLI, to July 13, 1961.

THOMAS J. GRIFFIN, from July 13, 1961.

Chief of Department, 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, to September 5, 1961.

J. EDWARD LAUGHLIN, *Temporary Superintendent*, from September 13, 1961.

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 — 1961

"John E. Fitzgerald Medal."

Awarded to Fire Fighter JAMES J. LOFTUS, Ladder Company 10.

"Walter Scott Medal for Valor."

Awarded to Fire Fighter JOHN G. KENNEY, Ladder Company 26.

"Patrick J. Kennedy Medal."

Awarded to Fire Captain THOMAS P. MAGUIRE, Engine Company 12.

ROLL OF MERIT — 1961

Fire Fighter LEONARD A. D'AMICO, Engine Company 12.

Fire Fighters FRANCIS E. CALLAHAN and FRANCIS J. TROY, Ladder Company 24.

Fire Fighter ROBERT F. MACKEY, Engine Company 3.

Fire Fighters FELIX F. COSGROVE and RICHARD T. O'DONNELL, Engine Company 2.

Fire Fighter JOSEPH A. DESMOND, Ladder Company 15.

Fire Fighter WARREN J. CUDMORE, Ladder Company 18.

Fire Fighter WILLIAM J. O'BRIEN, Ladder Company 26.

APPOINTMENTS — 1961 (Fire-Fighting Division)

| DATE | NAME | ASSIGNMENT |
|---------|----------------------|-------------------|
| Jan. 18 | Thomas P. Connolly | Engine Company 5 |
| Jan. 18 | John F. McGrath | Engine Company 5 |
| Jan. 18 | Russell J. Sullivan | Engine Company 9 |
| Jan. 18 | Richard C. Fergus | Engine Squad 11 |
| Jan. 18 | Gerard F. Lynch | Engine Squad 11 |
| Jan. 18 | Robert J. Clougherty | Engine Company 33 |

| DATE | NAME | ASSIGNMENT |
|---------|----------------------|-------------------|
| Jan. 18 | Ralph Larato | Engine Company 33 |
| Jan. 18 | Edward J. Kavanagh | Engine Company 36 |
| Jan. 18 | Edward J. Burke | Engine Company 40 |
| Jan. 18 | Edward Monkewicz | Engine Company 40 |
| Jan. 18 | Arthur L. Stewart | Engine Company 40 |
| Jan. 18 | Robert E. Byrne | Engine Company 41 |
| Jan. 18 | Leo W. Natale, Jr. | Engine Company 41 |
| Jan. 18 | Robert P. Sullivan | Engine Company 41 |
| Jan. 18 | James T. Barrett | Engine Company 50 |
| Jan. 18 | Robert L. Mayhew | Engine Company 50 |
| Jan. 18 | Daniel P. Murphy | Engine Company 50 |
| Jan. 18 | Joseph A. Russell | Engine Company 50 |
| Jan. 18 | William P. McDermott | Engine Company 52 |
| Jan. 18 | George F. Cataldo | Ladder Company 14 |
| Jan. 18 | Richard A. Higgins | Ladder Company 14 |
| Jan. 18 | Coleman V. McDonough | Ladder Company 15 |
| Jan. 18 | Thomas F. McDonough | Rescue Company |

STATISTICS

REINSTATEMENT — 1961
(Fire-Fighting Division)

| DATE | NAME | ASSIGNMENT |
|---------|-----------------|-------------------|
| Nov. 22 | Dennis F. Leahy | Engine Company 33 |

COMPARATIVE FIRE DEPARTMENT EXPENDITURES

| | 1960 | 1961 |
|---|------------------------|------------------------|
| 1. PERSONAL SERVICES | | |
| Permanent employees | \$11,959,661 40 | \$11,740,807 32 |
| Overtime | 336,669 36 | 286,512 37 |
| Total Personal Services | \$12,296,330 76 | \$12,027,319 69 |
| 2. CONTRACTUAL SERVICES | | |
| Communications | \$37,679 86 | \$37,985 94 |
| Light, heat, and power | 87,429 46 | 86,454 59 |
| Repairs and maintenance of build- ings and structures | 75,297 99 | 143,525 85 |
| Repairs and servicing of equipment | 67,429 58 | 74,010 66 |
| Transportation of persons | 966 50 | 1,319 41 |
| Miscellaneous contractual services | 14,761 26 | 24,865 49 |
| Total Contractual Services | \$283,564 65 | \$368,161 94 |
| 3. SUPPLIES AND MATERIALS | | |
| Automotive supplies and materials | \$93,667 55 | \$93,990 63 |
| Food supplies | 1 00 | — |
| Heating supplies and materials | 71,792 11 | 75,184 57 |
| Household supplies and materials | 14,481 01 | 14,074 74 |
| Medical, dental, and hospital sup- plies and materials | 1,465 26 | 1,673 78 |
| Office supplies and materials | 24,215 48 | 23,280 14 |
| Miscellaneous supplies and materials | 186,527 95 | 176,560 94 |
| Total Supplies and Materials | \$392,150 96 | \$384,764 80 |
| 4. CURRENT CHARGES AND OBLIGATIONS | | |
| Other current charges and obliga- tions | \$13,384 81 | \$11,182 61 |
| Total Current Charges and Obliga- tions | \$13,384 81 | \$11,182 61 |
| 5. EQUIPMENT | | |
| Automotive equipment | \$1,665 74 | — |
| Office furniture and equipment | 4,665 21 | — |
| Miscellaneous equipment | 67,246 66 | \$24,225 31 |
| Total Equipment | \$73,577 61 | \$24,225 31 |
| Department Total | <u>\$13,059,008 79</u> | <u>\$12,815,654 35</u> |

FIRE DEPARTMENT REVENUE — 1961

| | |
|---|---------------------|
| Permits for storage of inflammable fluids, certificates of registration, etc. | \$250,428 20 |
| Sale of badges | 4 15 |
| Commissions from New England Telephone & Telegraph Company | 3,411 83 |
| Damage to apparatus and motor vehicles | 4,774 98 |
| Damage to fire alarm boxes | 4,222 45 |
| Miscellaneous | 139 13 |
| Reimbursement from Commonwealth of Massachusetts for expenditures for fire alarm construction work on John F. Fitzgerald Expressway | 854 11 |
| Rental of fire stations | 1,201 00 |
| Total | <u>\$265,035 85</u> |

**FIRE ALARM DIVISION
1961**

FIRE ALARM DIVISION

GENERAL SUMMARY OF ALARMS

TOTAL NUMBER OF ALARMS TRANSMITTED
(To Which Apparatus Responded)

| | 1959 | 1960 | 1961 |
|---------------------------------|--------|--------|--------|
| First alarms (boxes)..... | 11,541 | 13,462 | 12,963 |
| Still alarms — Net Total..... | 7,517 | 8,377 | 8,191 |
| Total alarms — Boston only..... | 19,058 | 20,839 | 21,154 |
| Mutual aid..... | 116 | 137 | 140 |
| TOTAL ALARMS..... | 19,174 | 20,976 | 21,294 |

TELEPHONE ALARMS

| | 1959 | 1960 | 1961 |
|------------------------------------|-------|-------|-------|
| Alarms received from citizens..... | 6,395 | 6,842 | 6,746 |
| Per cent of total alarms..... | 33.3 | 30.6 | 31.7 |

FALSE ALARMS

| | 1959 | 1960 | 1961 |
|-------------------------------|-------|-------|-------|
| Total false alarms..... | 4,262 | 4,285 | 4,984 |
| Per cent of total alarms..... | 22.2 | 20.4 | 23.4 |

NOTE.—The first electric telegraph system for fire alarms 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, 1961, 473,827

ANALYSIS OF STILL ALARMS

| | 1959 | 1960 | 1961 |
|---|--------|--------|--------|
| Received from citizens by telephone..... | 6,395 | 6,842 | 6,746 |
| Received from Police Department..... | 742 | 1,059 | 910 |
| Received from Fire Department..... | 1,305 | 1,545 | 1,525 |
| Boxes received — treated as STILLS..... | 167 | 38 | 55 |
| Emergency calls — treated as STILLS..... | 2,647 | 2,555 | 2,539 |
| Received from Boston Automatic Co.*..... | 139 | 182 | 158 |
| Received from A. D. T.*..... | 279 | 198 | 253 |
| Received from C. P. S.*..... | 7 | 16 | 14 |
| GROSS TOTALS..... | 11,681 | 13,435 | 12,200 |
| DEDUCT | | | |
| STILL ALARMS received for which BOX ALARMS were pulled after STILL and BOX ALARMS were transmitted..... | 91 | 111 | 84 |
| STILL ALARMS received for which BOX ALARMS were transmitted..... | 4,073 | 3,947 | 3,925 |
| NET TOTAL STILL ALARMS (Boston)..... | 7,517 | 8,377 | 8,191 |
| MUTUAL AID ALARMS..... | 116 | 137 | 140 |

* 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—1961

| | Boxes | Stills | Totals |
|--------------------|---------------|--------------|---------------|
| January..... | 1,029 | 597 | 1,626 |
| February..... | 873 | 472 | 1,345 |
| March..... | 1,133 | 643 | 1,776 |
| April..... | 1,158 | 702 | 1,860 |
| May..... | 1,099 | 740 | 1,839 |
| June..... | 1,007 | 746 | 1,753 |
| July..... | 982 | 686 | 1,668 |
| August..... | 1,071 | 827 | 1,898 |
| September..... | 982 | 661 | 1,643 |
| October..... | 1,204 | 702 | 1,906 |
| November..... | 1,246 | 833 | 2,079 |
| December..... | 1,179 | 722 | 1,899 |
| TOTALS..... | 12,963 | 8,331 | 21,294 |

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

| | 1959 | | 1960 | | 1961 | |
|--|---------------|-------------|---------------|-------------|---------------|-------------|
| | No. | Per Cent | No. | Per Cent | No. | Per Cent |
| Box Alarms..... | 7,544 | 39.34 | 8,442 | 40.26 | 9,009 | 42.31 |
| Citizens by telephone..... | 6,395 | 33.35 | 6,842 | 32.62 | 6,746 | 31.68 |
| Boxes received after telephone call..... | 91 | 0.47 | 111 | 0.52 | 84 | 0.39 |
| Police Department..... | 742 | 3.87 | 1,059 | 5.05 | 910 | 4.27 |
| Fire Department..... | 1,305 | 6.81 | 1,545 | 7.37 | 1,525 | 7.16 |
| Boston Automatic Co..... | 139 | 0.72 | 182 | 0.87 | 158 | 0.74 |
| A. D. T..... | 279 | 1.46 | 198 | 0.94 | 253 | 1.19 |
| C. P. S..... | 7 | 0.04 | 16 | 0.07 | 14 | 0.07 |
| Mutual Aid..... | 116 | 0.60 | 137 | 0.65 | 140 | 0.66 |
| Emergency calls..... | 2,647 | 13.81 | 2,555 | 12.18 | 2,539 | 11.92 |
| TOTALS..... | 19,174 | 100% | 20,976 | 100% | 21,294 | 100% |

SUMMARY OF ALARMS
ACCORDING TO FIRE DISTRICTS—1961

| No. | | Boxes | Stills | Totals |
|--|---|---------------|--------------|---------------|
| 1 | East Boston | 696 | 474 | 1,170 |
| 2 | Charlestown | 523 | 323 | 846 |
| 3 | North and West Ends and Business District | 752 | 532 | 1,284 |
| 4 | Business District, South End and Back Bay | 1,357 | 775 | 2,132 |
| 5 | Back Bay and Roxbury | 2,102 | 884 | 2,986 |
| 6 | South Boston | 1,010 | 635 | 1,645 |
| 7 | Roxbury and Dorchester North | 2,110 | 1,002 | 3,112 |
| 8 | Dorchester | 1,149 | 1,099 | 2,248 |
| 9 | Jamaica Plain and Roxbury | 1,505 | 809 | 2,314 |
| 10 | Roslindale, West Roxbury, and Hyde Park | 849 | 963 | 1,812 |
| 11 | Brighton | 910 | 695 | 1,605 |
| Totals in Boston | | 12,963 | 8,191 | 21,154 |
| Mutual Aid to adjacent cities and towns | | — | 140 | 140 |
| Totals | | 12,963 | 8,331 | 21,294 |

MUTUAL AID ALARMS

| | Response of BOSTON to Outside Cities and Towns | | | | | Response of Adjacent Cities and Towns to BOSTON | | | | |
|--------------------|--|------------|------------|------------|------------|---|------------|------------|------------|------------|
| | 1957 | 1958 | 1959 | 1960 | 1961 | 1957 | 1958 | 1959 | 1960 | 1961 |
| Ayer..... | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Brookline..... | 18 | 17 | 27 | 36 | 40 | 138 | 125 | 111 | 135 | 127 |
| Cambridge..... | 8 | 10 | 5 | 12 | 10 | 9 | 4 | 7 | 9 | 8 |
| Chelsea..... | 12 | 7 | 9 | 16 | 16 | 9 | 2 | 3 | 5 | 2 |
| Dedham..... | 9 | 6 | 14 | 10 | 7 | 52 | 19 | 18 | 28 | 23 |
| Everett..... | 4 | 2 | 5 | 3 | 6 | 3 | 1 | 2 | 2 | 3 |
| Hull..... | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Lynn..... | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malden..... | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Medford..... | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Melrose..... | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Milton..... | 13 | 5 | 5 | 5 | 11 | 3 | 2 | 2 | 1 | 1 |
| Newton..... | 11 | 16 | 15 | 22 | 12 | 31 | 16 | 18 | 27 | 14 |
| Quincy..... | 6 | 3 | 3 | 5 | 1 | 18 | 10 | 14 | 15 | 9 |
| Revere..... | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| Somerville..... | 32 | 33 | 29 | 27 | 33 | 42 | 42 | 37 | 51 | 45 |
| Winthrop..... | 0 | 1 | 0 | 0 | 1 | 4 | 4 | 9 | 5 | 10 |
| TOTALS..... | 114 | 102 | 116 | 137 | 140 | 310 | 225 | 221 | 278 | 242 |

MULTIPLE ALARM FIRES

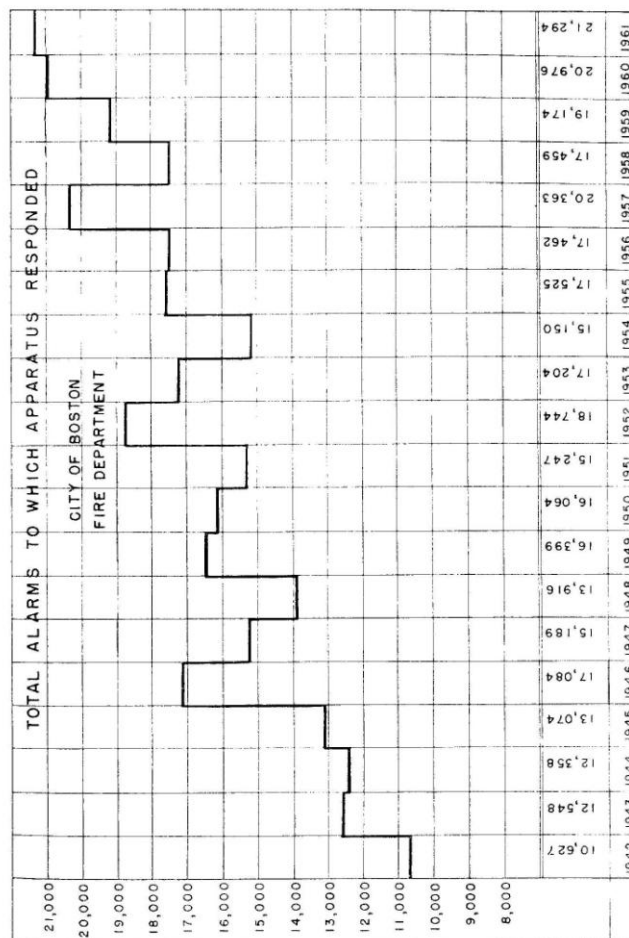
| | 1957 | 1958 | 1959 | 1960 | 1961 |
|-------------------|------|------|------|------|------|
| Two alarms..... | 65 | 47 | 58 | 44 | 65 |
| Three alarms..... | 26 | 23 | 14 | 21 | 13 |
| Four alarms..... | 8 | 1 | 5 | 8 | 8 |
| Five alarms..... | 2 | 2 | 2 | 1 | 0 |
| Totals..... | 101 | 73 | 79 | 74 | 86 |

SUMMARY OF MULTIPLE ALARM FIRES
ACCORDING TO MONTHS OF THE YEAR — 1961

| MONTH | Two Alarms | Three Alarms | Four Alarms | Five Alarms | Total |
|----------------|------------|--------------|-------------|-------------|-------|
| January..... | 10 | 0 | 0 | 0 | 10 |
| February..... | 10 | 2 | 0 | 0 | 12 |
| March..... | 10 | 2 | 1 | 0 | 13 |
| April..... | 4 | 2 | 0 | 0 | 6 |
| May..... | 4 | 2 | 1 | 0 | 7 |
| June..... | 4 | 2 | 1 | 0 | 7 |
| July..... | 5 | 0 | 1 | 0 | 6 |
| August..... | 5 | 1 | 1 | 0 | 7 |
| September..... | 1 | 0 | 0 | 0 | 1 |
| October..... | 2 | 0 | 0 | 0 | 2 |
| November..... | 4 | 1 | 3 | 0 | 8 |
| December..... | 6 | 1 | 0 | 0 | 7 |
| Totals..... | 65 | 13 | 8 | 0 | 86 |

SUMMARY OF FIRE ALARM BOXES

| | |
|---|-------|
| Total number of fire alarm boxes in service as of December 31, 1960 | 2,127 |
| Fire alarm boxes installed January 1, 1961, to December 31, 1961 | 12 |
| Fire alarm boxes discontinued January 1, 1961, to December 31, 1961 | 4 |
| NET INCREASE in number of fire alarm boxes | 8 |
| Total number of fire alarm boxes in service as of December 31, 1961 | 2,135 |



DISTRIBUTION OF FIRE ALARM BOXES DISTRICTS

| | | | | | | | | | | | |
|------------|---|---|---|---|-----|-------------|---|---|---|---|-----|
| District 1 | . | . | . | . | 126 | District 7 | . | . | . | . | 181 |
| District 2 | . | . | . | . | 131 | District 8 | . | . | . | . | 241 |
| District 3 | . | . | . | . | 161 | District 9 | . | . | . | . | 187 |
| District 4 | . | . | . | . | 156 | District 10 | . | . | . | . | 363 |
| District 5 | . | . | . | . | 202 | District 11 | . | . | . | . | 191 |
| District 6 | . | . | . | . | 196 | | | | | | |

DIVISIONS

| | | | | | |
|------------|---|---|---|---|-------|
| Division 1 | . | . | . | . | 770 |
| Division 2 | . | . | . | . | 1,365 |

FIRE ALARM BOXES INSTALLED IN 1961

| DATE | BOX | DISTRICT | LOCATION |
|---------|---------|----------|--|
| Jan. 10 | 12-3763 | 10 | Fairmount Nursing Home, 172 Fairmount Avenue. |
| Jan. 24 | 12-1275 | 3 | U. S. Post Office and Court House, Post Office Square. |
| Jan. 24 | 12-4251 | 2 | Navy Yard, Pier 5, Head of Pier, East Side. |
| Jan. 24 | 13-4251 | 2 | Navy Yard, Pier 5, Midway on Pier, East Side. |
| Apr. 25 | 12-5293 | 11 | Minneapolis-Honeywell Regulator Company, 38 Life Street, Guard Room, Rear. |
| May 11 | 13-531 | 11 | Regent Nursing Home, 74 Corey Road. |
| May 15 | 13-2712 | 9 | Sophia Snow House, 1215 Centre Street. |
| Aug. 28 | 12-5334 | 11 | Rose Finkle Nursing Home, 149 Strathmore Road. |
| Aug. 30 | 12-3753 | 10 | Most Precious Blood School, 1288 Hyde Park Avenue. |
| Oct. 5 | 12-2354 | 5 | Riverway Manor, Wheelock College, 214 Riverway. |
| Oct. 10 | 3637 | 8 | Ormond Street, opposite Outlook Road. |
| Nov. 9 | 12-7273 | 6 | American Brush Company, 99 Atkinson Street. |

FIRE ALARM BOXES DISCONTINUED IN 1961

| DATE | BOX | DISTRICT | LOCATION |
|----------|---------|----------|---|
| Apr. 8 | 12-3175 | 7 | Miner House, 40 Mill Street. |
| June 19 | 12-3743 | 10 | St. Raphael's Parochial School, Oak Street. |
| Sept. 26 | 12-6221 | 1 | U. S. Naval Stores, McClellan Highway, opposite Addison Street. |
| Dec. 28 | 12-1673 | 4 | Louisa M. Alcott School, West Concord Street. |

FIRE ALARM BOXES RELOCATED IN 1961

Fire Alarm Box 3635 was relocated and designation changed, as given in General Order No. 43, dated October 26, 1961, viz.:

3635, Hillsboro and Outlook Roads

CHANGE IN DESIGNATION OF FIRE ALARM BOXES IN 1961

| GENERAL ORDERS No. | BOX No. | GENERAL ORDERS No. | BOX No. |
|-----------------------|---------|-----------------------|---------|
| 1 | 7435 | 22 | 1353 |
| 1 | 12-2165 | 24 | 13-3432 |
| 2 | 3663 | 26 | 1254 |
| 2 | 3242 | 28 | 15-1412 |
| 3 | 13-2184 | 31 | 3844 |
| 20 | 13-2136 | 31 | 3832 |
| 20 | 2145 | 35 | 4151 |
| 22 | 2649 | 49 | 12-369 |

**FIRE ALARM CONSTRUCTION FORCE
UNDERGROUND CONSTRUCTION — 1961**

| 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. | 3,920 | 15,680 | 280 | 1,120 |
| 4 | Rubber-Lead..... | — | — | 1,296 | 5,184 |
| 6 | Rubber-Lead..... | — | — | 5,883 | 35,298 |
| 7 | Polyethylene P. V. C. | 6,550 | 45,850 | 318 | 2,226 |
| 7 | Rubber-Lead..... | — | — | 1,050 | 7,350 |
| 10 | Polyethylene P. V. C. | 9,963 | 99,630 | 970 | 9,700 |
| 10 | Rubber-Lead..... | — | — | 1,742 | 17,420 |
| 15 | Rubber-Lead..... | — | — | 1,118 | 16,770 |
| 19 | Polyethylene P. V. C. | 2,370 | 36,430 | 60 | 1,140 |
| 19 | Anhydrex Jacketed..... | — | — | 520 | 9,880 |
| 19 | Rubber-Lead..... | — | — | 2,017 | 38,323 |
| 20 | Rubber-Lead..... | — | — | 150 | 3,000 |
| 37 | Polyethylene P. V. C. | 5,925 | 219,225 | — | — |
| 37 | Rubber-Lead..... | — | — | 1,668 | 61,642 |
| 91 | Polyethylene P. V. C. | 650 | 39,150 | — | — |
| 91 | Rubber-Lead..... | — | — | 570 | 51,870 |
| | Totals..... | 29,978 | 495,965 | 17,640 | 260,923 |

OVERHEAD CONSTRUCTION — 1961

| | Installed Feet | Removed Feet |
|--|-------------------|-----------------|
| No. 10 Copper Weld T. B. W. P. "Duraline" | 2,020 | — |
| No. 9 T. B. W. P. Galvanized | — | 28,340 |
| No. 14 Twisted Pair—Weatherproof | 150 | 1,095 |
| 2 Cond. No. 14 Anhydrex Jacketed | — | 223 |
| 4 Cond. No. 14 Nonmetallic | — | 2,600 |
| 4 Cond. No. 14 Polyethylene P. V. C. | 6,545 | 1,295 |
| 6 Cond. No. 14 Nonmetallic | — | 1,760 |
| 7 Cond. No. 14 Polyethylene P. V. C. | 5,585 | — |
| 10 Cond. No. 14 Polyethylene P. V. C. | 25 | — |
| 19 Cond. No. 14 Nonmetallic | — | 1,200 |
| Totals | 14,325 | 36,515 |
| Knockdowns Attended to | — | 148 |
| Multiple Alarms Responded to | — | 88 |
| Fire Alarm Boxes Installed | — | 15 |
| Line Construction: Removals, Installations, Transfers, Slack Hauled, etc. | — | 299 Poles |

FIRE PREVENTION DIVISION
1961

ANNUAL REPORT OF DAILY RECEIPTS — FIRE PREVENTION DIVISION — YEAR 1961

| Month | Permits Installation Fluents | License Renewals | License Transfers | Boiler Installations | Open-Air Fires | Blasting Permits | Gas Tank Removals | Sprinkler Permits | Decorative Materials | White Applications | Total |
|----------------|------------------------------------|---------------------|----------------------|-------------------------|-------------------|---------------------|----------------------|----------------------|-------------------------|-----------------------|--------------|
| January..... | \$1,033 00 | \$105 00 | \$2 00 | \$485 00 | \$367 00 | \$15 00 | \$15 00 | \$45 00 | \$15 00 | \$376 00 | \$2,081 00 |
| February..... | 729 00 | 184 50 | 1 00 | 207 00 | 327 00 | 20 00 | 30 00 | 25 00 | 29 00 | 490 00 | 2,132 50 |
| March..... | 2,006 00 | 21,114 00 | 4 00 | 295 00 | 292 00 | 50 00 | 6 00 | 29 00 | 93 00 | 1,028 00 | 25,008 00 |
| April..... | 89,054 60 | 52,964 00 | 21 00 | 331 00 | 125 00 | 55 00 | 12 00 | — | 9 00 | 2,338 00 | 145,529 60 |
| May..... | 13,234 00 | 8,414 00 | 23 00 | 362 00 | 326 50 | 45 00 | 21 00 | 10 00 | 51 00 | 1,905 00 | 25,011 50 |
| June..... | 5,003 00 | 4,278 00 | 13 00 | 409 00 | 473 50 | 35 00 | 12 00 | 15 00 | 68 00 | 1,752 50 | 12,179 00 |
| July..... | 3,510 00 | 760 00 | 14 00 | 428 00 | 413 50 | 40 00 | 6 00 | 10 00 | 55 00 | 1,362 00 | 6,018 50 |
| August..... | 2,905 00 | 559 00 | 8 00 | 603 00 | 328 50 | 65 00 | 6 00 | 10 00 | 59 00 | 1,354 00 | 6,114 50 |
| September..... | 2,744 00 | 190 50 | 2 00 | 707 00 | 339 00 | 33 00 | — | 15 00 | 41 00 | 1,743 50 | 5,817 00 |
| October..... | 2,809 00 | 138 00 | 3 00 | 933 00 | 433 50 | 55 00 | 39 00 | 15 00 | 40 00 | 1,854 00 | 6,419 50 |
| November..... | 4,144 00 | 248 00 | 2 00 | 1,065 00 | 224 50 | 35 00 | 15 00 | 65 00 | 49 00 | 1,998 00 | 7,875 50 |
| December..... | 2,854 00 | 60 00 | 2 00 | 464 00 | 123 00 | 45 00 | — | 15 00 | 33 00 | 1,485 00 | 5,083 00 |
| | \$193,555 60 | \$80,035 00 | \$85 00 | \$6,360 00 | \$4,133 00 | \$315 00 | \$192 00 | \$215 00 | \$331 00 | \$18,176 00 | \$350,799 60 |

SUMMARY OF INSPECTIONS AND INVESTIGATIONS — 1961

INSPECTION FORCE 1961 — FIRE PREVENTION DIVISION

| | |
|--|--------|
| Number of complaints received | 1,711 |
| Number of inspections made | 44,517 |
| Number of abatement orders issued | 5,788 |
| Number of corrections and reinspections made | 5,753 |
| | 57,769 |

PLACES OF ASSEMBLY

| | |
|--|-------|
| Places of assembly inspected | 4,781 |
| Number of corrections made | 990 |
| Number of abatement orders issued | 86 |
| Certificates of analysis approved | 330 |
| Certificates of flameproofing approved | 271 |
| | 6,458 |

INSPECTIONS BY FIRE COMPANY OFFICERS AND FIREFIGHTERS

| | |
|--|--------|
| Building inspections | 48,210 |
| Reinspections | 2,800 |
| Theaters | 12,410 |
| Schoolhouses | 6,827 |
| Public buildings | 6,510 |
| Oil farms | 79 |
| Carhouses | 69 |
| New installations — oil burner inspections | 2,396 |
| Flammable fluids, storage facilities, etc. | 3,290 |
| Open-air fires | 403 |
| Tank removals | 65 |
| License renewals, inflammables, garages, etc. | 2,650 |
| Parking lots | 398 |
| License petitions (location approvals) | 160 |
| Blasting | 103 |
| Boarding homes for children, day nurseries, boarding homes for aged, convalescent homes, etc., hospitals, institutions, etc. | 970 |
| | 87,340 |

| | |
|--|---------|
| Total inspections and reinspections | 151,567 |
| Conditions referred to other departments (written) | 955 |

FIRE DRILLS

| | |
|--|-------|
| Schools | 2,801 |
| Theaters | 361 |
| Hospitals, institutions, etc. | 1,045 |
| Industrial and mercantile establishments | 940 |

SCHOOL PROGRAM

| | |
|---|--------|
| Number of school visits made | 539 |
| Number of pupils spoken to (all visits) | 36,390 |

ARSON SQUAD ACTIVITIES — 1961

| | |
|---|-----|
| Undetermined fires | 221 |
| Suspicious fires | 19 |
| Causes given but investigated | 116 |
| Multiple alarms | 83 |
| Deaths | 21 |
| Injuries | 83 |
| Arrests | 14 |
| Grand Jury indictments | 2 |
| Municipal Court cases | 25 |
| Municipal Court convictions | 2 |
| Superior Court cases | 11 |
| Gas odors investigated | 104 |
| Fire prevention inspections | 508 |
| Bomb scares | 5 |
| Explosions | 2 |

CASUALTY REPORT AND REASON

| | INJURIES | DEATHS |
|--|----------|--------|
| Careless disposal of cigarette | 14 | |
| Careless smoking | 15 | 2 |
| Children and matches | 4 | 1 |
| Cleaning with gas | 1 | |
| Explosion | 3 | |
| Explosion, gas | 1 | |
| Explosion, tar kettle | 1 | |
| Flash back | 1 | |
| Flooded oil burner | | 1 |
| Gas leak | 1 | |
| Hot grease on kitchen stove | 1 | |
| Ignition of cement | 3 | |
| Ignition of flammable liquid | 1 | |
| Inflammable fluid ignited by pilot light | 1 | |
| Inflammable fluid spilled and ignited | 1 | |
| Rubbish | 2 | |
| Short circuit | 2 | |
| Suicide attempt | 1 | |
| Smoker's article | 1 | |
| Smoking in bed | 5 | 5 |
| Undetermined | 24 | 12 |
| | 83 | 21 |

**CHEMICAL LABORATORY
Summary of Analyses and Tests — 1961**

| | |
|---|-------|
| Number of certificates of analysis issued | 357 |
| Flash points | 9 |
| Inspections | 10 |
| Building Department tests | 5 |
| Total fees collected | \$551 |

**PHOTOGRAPHIC LABORATORY
Summary of Activities — 1961**

| | |
|---------------------------------|-------|
| Arson | 246 |
| Accidents | 93 |
| Department activities | 109 |
| Public relations | 18 |
| Fire prevention | 175 |
| Multiple alarms | 83 |
| I. D. photos | 45 |
| Number of negatives | 5,296 |
| Number of prints | 8,279 |

COMPLAINTS RECEIVED AT FIRE PREVENTION DIVISION — 1961

| MONTH | Telephone | Counter | LETTER | | | | Totals |
|----------------|-----------|---------|--------|--------|----------|---------------|--------|
| | | | Public | Health | Building | Miscellaneous | |
| January..... | 76 | 8 | 7 | 2 | — | — | 93 |
| February..... | 88 | 5 | 9 | 2 | — | — | 104 |
| March..... | 99 | 19 | 8 | — | — | — | 126 |
| April..... | 90 | 11 | 10 | 3 | 4 | — | 118 |
| May..... | 102 | 19 | 11 | 7 | 5 | 9 | 153 |
| June..... | 109 | 19 | 12 | 3 | 3 | — | 146 |
| July..... | 104 | 22 | 10 | 7 | 2 | 3 | 148 |
| August..... | 139 | 13 | 13 | — | — | — | 165 |
| September..... | 80 | 24 | 15 | 10 | 8 | 7 | 144 |
| October..... | 76 | 8 | 6 | 1 | 1 | — | 92 |
| November..... | 99 | 10 | 8 | — | — | — | 117 |
| December..... | 88 | 9 | 9 | 1 | 1 | — | 108 |
| Totals..... | 1,150 | 167 | 118 | 36 | 24 | 19 | 1,514 |

FIRE DEPARTMENT

ORDERS ISSUED AND CONDITIONS REFERRED TO OTHER DEPARTMENTS — 1961

| MONTH | Abatement Orders | Service Orders | | | Health | Other | Total |
|----------------|------------------|----------------|--------|-------|--------|-------|-------|
| | | Building | Health | Other | | | |
| January..... | 407 | 22 | 52 | 12 | — | — | 493 |
| February..... | 402 | 27 | 106 | 29 | — | — | 624 |
| March..... | 410 | 24 | 105 | 27 | — | — | 576 |
| April..... | 430 | 21 | 73 | 15 | 1* | — | 540 |
| May..... | 568 | 19 | 53 | 18 | 1† | — | 659 |
| June..... | 495 | 18 | 58 | 15 | — | — | 586 |
| July..... | 543 | 22 | 49 | 14 | — | — | 628 |
| August..... | 533 | 21 | 36 | 10 | — | — | 620 |
| September..... | 506 | 25 | 43 | 6 | 1* | — | 584 |
| October..... | 406 | 30 | 59 | 8 | — | — | 498 |
| November..... | 492 | 10 | 55 | 9 | — | — | 566 |
| December..... | 494 | 8 | 75 | 10 | — | — | 587 |
| Totals..... | 5,788 | 247 | 784 | 168 | 3 | — | 6,990 |

* Real Property

† Park Department

**ANALYSIS OF FIRES
IN BUILDINGS
AND CAUSES OF FIRES**

ANALYSIS OF FIRES IN BUILDINGS FOR YEAR 1961

Construction of Buildings

| | |
|--------------------------|-------|
| Fire-resistive | 227 |
| Second-class | 962 |
| Third-class | 763 |
| Other type | 42 |
| Total | 1,994 |

Point of Origin

| | |
|---------------------------|-------|
| Basement | 367 |
| First floor | 635 |
| Second floor | 357 |
| Third floor | 226 |
| Above the third | 137 |
| Roof | 52 |
| Outside | 220 |
| Total | 1,994 |

Extent of Fire

| | |
|---------------------------------------|-------|
| Confined to point of origin | 943 |
| Confined to buildings | 983 |
| Extended to other buildings | 68 |
| Total | 1,994 |

Causes of Fires in Buildings — 1961

| | |
|---|-----|
| Defective chimney | 32 |
| Sparks from chimney on roof | 4 |
| Defectively installed heater | 16 |
| Rubbish near heater | 2 |
| Hot ashes | 9 |
| Fuel oil burner | 98 |
| Starting fires — kerosene or gasoline | 3 |
| Careless smoking | 945 |
| Children and matches | 105 |
| Other careless use of matches | 7 |
| Defective wiring | 116 |

| | |
|--|-----|
| Electric appliances and motors | 95 |
| Home dry cleaning | 8 |
| Flammable liquids near flame | 7 |
| Kerosene lamps, stoves | 2 |
| Grease, food on stove | 27 |
| Clothes, furniture too near fire | 14 |
| Spontaneous ignition | 19 |
| Fireworks | 1 |
| Thawing water pipes | 9 |
| Sparks from machines | 18 |
| City gas and appliances | 21 |
| Miscellaneous known causes | 166 |
| Malicious mischief | 52 |
| Incendiary or suspicious | 17 |
| Unknown | 201 |

Total 1,994

Causes of Outdoor Fires — 1961

| | |
|--------------------------|-------|
| Rubbish | 3,041 |
| Dump | 85 |
| Brush or grass | 2,202 |
| Other outdoor | 613 |
| Marine | 8 |
| Automobile | 1,142 |

Total 7,091

| | |
|------------------------------------|-------|
| Rescue (emergency calls) | 4,978 |
| Out-of-city calls | 156 |