

[DOCUMENT No. 11 — 1963.]



ANNUAL REPORT
OF THE
FIRE DEPARTMENT
FOR THE YEAR 1962.

Boston, February 1, 1963.

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, 1962.

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. Fire Prevention

During the year 1962 this department was awarded a plaque by the National Fire Protection Association for placing first in the Commonwealth of Massachusetts; third in municipalities of over 500,000 in the United States; and fifth among all cities in the nation in a National Prevention Contest held during 1961. The award is made for outstanding fire prevention activities.

During the year an organization known as Fire Prevention Council, Inc., was founded and chartered under the provisions of Chapter 180 of the General Laws of the Commonwealth with full cooperation from the Fire Department. The Council was created for the express purpose of sustaining and supplementing the fire prevention activities of the Boston Fire Department on a continuous year-round basis. Its members are representative of a cross-section of business, civic, and professional life of the city.

The Fire Prevention Council, Inc., replaces the Fire Prevention Committee of the Greater Boston Chamber of Commerce and derives its financial stability from membership dues. These dues are used to bear the cost of expenses involved in Fire Prevention Campaigns which the Council supports. For the first time in the history of the City of Boston we have an independent group dedicated to the advancement of fire prevention.

Under Section 5A of Chapter 148 of the General Laws, which became effective July 9, 1962, portable wick-type space heater units are forbidden in any building used for human habitation.

Section 25A of Chapter 148 of the General Laws, effective October 18, 1962, outlaws the sale, offer to sell, or installation of secondhand space heaters or portable stoves which use kerosene, range oil, or No. 1 fuel oil for fuel, and forbade the use of any unvented space heater in a building used for habitation.

Section 25B of Chapter 148 of the General Laws, effective July 1, 1965, outlaws the use of any space heater, vented or unvented, in any building used in whole or in part for human habitation.

The action of this law should substantially aid in the reduction of fire and the loss of life and property from fire in the City of Boston.

During the year the department embarked on a survey of all hospitals, convalescent homes, and like institutions throughout the city. A new form was established by the Fire Prevention Division which directs scrutinizing to every part of these institutions based upon fire hazards, type of construction, and special requirements of hospitals. This form is now being used nationwide in connection with hospital inspections.

A comprehensive analysis of plastic wastebaskets used in hospitals and other institutions showed that not only was this type of equipment insufficient to contain a fire occurring within, but actually contributed to the fire. As a result of requirements established by this department, manufacturers are developing a wastebasket which has approximately the same safety characteristics as metal equipment.

The Fire Department is currently making an investigation to determine a method which will overcome fires in grease flues in restaurants. All expenses of the investigation are being borne by manufacturers of flue and restaurant equipment.

2. Fire Stations

We have undertaken a program of remodeling some of our older fire stations during 1962. After public bidding, contracts were awarded for making major alterations and repairs to the following fire stations:

Engine House 1—119 Dorchester Street, South Boston

Engine House 5—360 Saratoga Street, East Boston

Engine House 28—659 Centre Street, Jamaica Plain

Engine House 40—260 Sumner Street, East Boston

When the alterations have been completed the fire stations will present a better view to the public and will also be more structurally safe and will afford better living conditions for the fire fighters quartered therein.

3. Fire Apparatus

Ten pumping engines, four 100-foot aerial ladder trucks and two 85-foot aerial ladder trucks were delivered to the department in 1962 and have all been placed in active service. The new apparatus will increase our operating efficiency at fires and other emergencies and will also help to reduce the cost for maintenance and repair of motor equipment.

4. Training Division

Twenty-eight new fire fighters were given seven weeks of intensive training and drilling in basic procedures at fires, including engine and ladder company operation, special equipment, techniques, first aid, rescue work, and handling of radioactive materials. This comprehensive coverage enables new members to carry out their duties more efficiently.

The division conducted periodic surveys related to fire protection and fire-fighting equipment in order to insure that the equipment will function properly if its use is required. The survey also included life-saving equipment of various types.

Many groups have taken advantage of the training course offered at the Fire Department Training Academy, including City and Town Fire Departments, United States Army, Navy, Coast Guard, large hospitals and security agencies, such as Pinkerton, Brinks, Burns, etc.

A complete and comprehensive accident report review program is maintained by the Training Division. Personnel involved in accidents with department motor equipment are contacted, and the pertinent facts of each accident are recorded. A driver-training program was inaugurated by this division for the training of operators of our motor vehicles. This program covers the basic operations of clutches, transmissions, etc., and actual road instruction, and also educates chauffeurs in the proper operation of our motor equipment.

In Memoriam

Deaths of Active Members During 1962

March 5

LIBERATO DeROSA

Fire Fighter, Ladder Company 16

June 3

EDWARD C. ERLANDSON

Leather and Canvas Worker, Maintenance Division

June 11

JOSEPH W. H. LAVIN

Fire Fighter, Maintenance Division

August 25

MICHAEL TUBEROSA

Fire Lieutenant, Engine Company 5

September 20

GEORGE L. MELLOR

Fire Fighter, Engine Company 52

December 7

JAMES H. SEXTON

Fire Fighter, Ladder Company 4

PERSONNEL

**BOSTON FIRE DEPARTMENT
1962**

Fire Commissioner, THOMAS J. GRIFFIN.

Chief of Department, JOHN A. MARTIN.

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, J. EDWARD LAUGHLIN, Temporary Superintendent.

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 — 1962**

"John E. Fitzgerald Medal."

Awarded to Fire Fighter JOHN J. GADDIS, Ladder Company 4.

"Walter Scott Medal for Valor."

Awarded to Fire Fighter MARTIN R. O'TOOLE of Ladder Company 23.

"Patrick J. Kennedy Medal of Honor."

Awarded to Fire Lieutenant RICHARD P. McCORMICK of Engine Company 21.

ROLL OF MERIT — 1962

Fire Fighter KRISTO A. APOSTOL, Engine Company 13.

Fire Fighter JOHN D. SHEEHAN, Engine Company 22.

Fire Fighter JOHN L. CAMPBELL, Ladder Company 23.

**APPOINTMENTS — 1962
(Fire-Fighting Division)**

DATE	NAME	ASSIGNMENT
June 27	Mario J. Dell'Orfano .	Engine Company 5
June 27	James F. Murphy .	Engine Company 5
June 27	James F. Creighton .	Engine Company 8
June 27	John P. Byrne .	Engine Company 9
June 27	Richard J. Doyle, Jr. .	Engine Company 9
June 27	George W. Flynn .	Engine Company 9
June 27	Joseph F. Connolly .	Engine Squad 11
June 27	Harry J. Daniels .	Engine Squad 11
June 27	Joseph J. Kent .	Engine Squad 11
June 27	John R. Matthews .	Engine Company 25
June 27	Thomas J. Kelley .	Engine Company 31
June 27	Joseph F. McHugh .	Engine Company 34
June 27	William R. Baker .	Engine Company 40
June 27	Nicolo Patti .	Engine Company 40
June 27	Francis C. Scanlon .	Engine Company 40
June 27	Nino N. Tramontozzi .	Engine Company 41
June 27	Maurice J. LaCascia .	Engine Company 56
June 27	Kenneth S. Lochiatto .	Engine Company 56
June 27	Bernard T. Ryan .	Engine Company 56
June 27	Harold A. Simpson .	Engine Company 56
June 27	William P. Cosgrove .	Ladder Company 1
June 27	John F. Curran .	Ladder Company 1
June 27	Dennis J. Crowe .	Ladder Company 21
June 27	Frederick J. Howell .	Ladder Company 21
June 27	Edward J. Hunt .	Ladder Company 21

REINSTATEMENT—1962

DATE	NAME	ASSIGNMENT
June 27	George E. Thompson .	Engine Squad 11

COMPARATIVE FIRE DEPARTMENT EXPENDITURES

	1961	1962
1. PERSONAL SERVICES		
Permanent employees	\$11,740,807 32	\$11,581,551 88
Overtime	286,512 37	362,069 63
Total Personal Services	\$12,027,319 69	\$11,943,621 51
2. CONTRACTUAL SERVICES		
Communications	\$37,985 94	\$37,734 64
Light, heat, and power	86,454 59	85,555 22
Repairs and maintenance of build- ings and structures	143,525 85	108,002 79
Repairs and servicing of equipment	74,010 66	123,834 37
Transportation of persons	1,319 41	2,812 43
Miscellaneous contractual services	24,865 49	40,241 83
Total Contractual Services	\$368,161 94	\$398,181 28
3. SUPPLIES AND MATERIALS		
Automotive supplies and materials	\$93,990 63	\$78,109 66
Heating supplies and materials	75,184 57	75,105 85
Household supplies and materials	14,074 74	12,588 49
Medical, dental, and hospital sup- plies and materials	1,673 78	1,715 66
Office supplies and materials	23,280 14	24,462 93
Miscellaneous supplies and materials	176,560 94	160,354 10
Total Supplies and Materials	\$384,764 80	\$352,336 69
4. CURRENT CHARGES AND OBLIGATIONS		
Other current charges and obliga- tions	\$11,182 61	\$15,674 71
Total Current Charges and Obli- gations	\$11,182 61	\$15,674 71
5. EQUIPMENT		
Office furniture and equipment	—	\$11,781 41
Miscellaneous equipment	\$24,225 31	55,968 13
Total Equipment	\$24,225 31	\$67,749 54
Department Total	\$12,815,654 35	\$12,777,563 73

FIRE DEPARTMENT REVENUE — 1962

Permits for storage of inflammable fluids, certificates of registration, etc	\$307,161 45
Commissions from New England Telephone & Telegraph Company	2,900 10
Damage to apparatus and motor vehicles	71 00
Damage to fire alarm boxes	3,536 54
Miscellaneous	90 00
Reimbursement from Commonwealth of Massachusetts for expenditures for fire alarm construction work on John F. Fitzgerald Expressway	7,756 96
Rental of fire stations	1,400 00
Total	\$322,916 05

FIRE DEPARTMENT REPORT

1. Name of Fire Department	2. City	3. State
4. Date of Report	5. Time of Report	6. Location of Fire
7. Name of Fire	8. Cause of Fire	9. Name of Person(s) Responsible
10. Name of Fire Department	11. City	12. State
13. Date of Report	14. Time of Report	15. Location of Fire
16. Name of Fire	17. Cause of Fire	18. Name of Person(s) Responsible
19. Name of Fire Department	20. City	21. State
22. Date of Report	23. Time of Report	24. Location of Fire
25. Name of Fire	26. Cause of Fire	27. Name of Person(s) Responsible
28. Name of Fire Department	29. City	30. State
31. Date of Report	32. Time of Report	33. Location of Fire
34. Name of Fire	35. Cause of Fire	36. Name of Person(s) Responsible
37. Name of Fire Department	38. City	39. State
40. Date of Report	41. Time of Report	42. Location of Fire
43. Name of Fire	44. Cause of Fire	45. Name of Person(s) Responsible
46. Name of Fire Department	47. City	48. State
49. Date of Report	50. Time of Report	51. Location of Fire
52. Name of Fire	53. Cause of Fire	54. Name of Person(s) Responsible
55. Name of Fire Department	56. City	57. State
58. Date of Report	59. Time of Report	60. Location of Fire
61. Name of Fire	62. Cause of Fire	63. Name of Person(s) Responsible
64. Name of Fire Department	65. City	66. State
67. Date of Report	68. Time of Report	69. Location of Fire
70. Name of Fire	71. Cause of Fire	72. Name of Person(s) Responsible
73. Name of Fire Department	74. City	75. State
76. Date of Report	77. Time of Report	78. Location of Fire
79. Name of Fire	80. Cause of Fire	81. Name of Person(s) Responsible
82. Name of Fire Department	83. City	84. State
85. Date of Report	86. Time of Report	87. Location of Fire
88. Name of Fire	89. Cause of Fire	90. Name of Person(s) Responsible
91. Name of Fire Department	92. City	93. State
94. Date of Report	95. Time of Report	96. Location of Fire
97. Name of Fire	98. Cause of Fire	99. Name of Person(s) Responsible
100. Name of Fire Department	101. City	102. State

FIRE ALARM DIVISION

1. Name of Fire Alarm Division	2. City	3. State
4. Date of Report	5. Time of Report	6. Location of Fire
7. Name of Fire	8. Cause of Fire	9. Name of Person(s) Responsible
10. Name of Fire Alarm Division	11. City	12. State
13. Date of Report	14. Time of Report	15. Location of Fire
16. Name of Fire	17. Cause of Fire	18. Name of Person(s) Responsible
19. Name of Fire Alarm Division	20. City	21. State
22. Date of Report	23. Time of Report	24. Location of Fire
25. Name of Fire	26. Cause of Fire	27. Name of Person(s) Responsible
28. Name of Fire Alarm Division	29. City	30. State
31. Date of Report	32. Time of Report	33. Location of Fire
34. Name of Fire	35. Cause of Fire	36. Name of Person(s) Responsible
37. Name of Fire Alarm Division	38. City	39. State
40. Date of Report	41. Time of Report	42. Location of Fire
43. Name of Fire	44. Cause of Fire	45. Name of Person(s) Responsible
46. Name of Fire Alarm Division	47. City	48. State
49. Date of Report	50. Time of Report	51. Location of Fire
52. Name of Fire	53. Cause of Fire	54. Name of Person(s) Responsible
55. Name of Fire Alarm Division	56. City	57. State
58. Date of Report	59. Time of Report	60. Location of Fire
61. Name of Fire	62. Cause of Fire	63. Name of Person(s) Responsible
64. Name of Fire Alarm Division	65. City	66. State
67. Date of Report	68. Time of Report	69. Location of Fire
70. Name of Fire	71. Cause of Fire	72. Name of Person(s) Responsible
73. Name of Fire Alarm Division	74. City	75. State
76. Date of Report	77. Time of Report	78. Location of Fire
79. Name of Fire	80. Cause of Fire	81. Name of Person(s) Responsible
82. Name of Fire Alarm Division	83. City	84. State
85. Date of Report	86. Time of Report	87. Location of Fire
88. Name of Fire	89. Cause of Fire	90. Name of Person(s) Responsible
91. Name of Fire Alarm Division	92. City	93. State
94. Date of Report	95. Time of Report	96. Location of Fire
97. Name of Fire	98. Cause of Fire	99. Name of Person(s) Responsible
100. Name of Fire Alarm Division	101. City	102. State

FIRE ALARM DIVISION 1962

FIRE ALARM DIVISION

GENERAL SUMMARY OF ALARMS

TOTAL NUMBER OF ALARMS TRANSMITTED
(To Which Apparatus Responded)

	1960	1961	1962
First alarms (boxes).....	13,462	12,963	15,054
Still alarms—NET TOTAL.....	8,377	8,191	8,990
Total alarms—Boston only.....	20,839	21,154	24,044
Mutual Aid.....	137	140	157
TOTAL ALARMS.....	20,976	21,294	24,201

TELEPHONE ALARMS

	1960	1961	1962
Alarms received from citizens.....	6,842	6,746	7,755
Per cent of total alarms.....	30.6	31.7	32.0

FALSE ALARMS

	1960	1961	1962
Total false alarms.....	4,285	4,984	5,637
Per cent of total alarms.....	20.4	23.4	23.3

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, 1962, 488,881.

ANALYSIS OF STILL ALARMS

	1960	1961	1962
Received from citizens by telephone.....	6,842	6,746	7,755
Received from Police Department.....	1,059	910	998
Received from Fire Department.....	1,545	1,525	1,643
Boxes received—treated as STILLS.....	38	55	100
Emergency calls—treated as STILLS.....	2,555	2,539	2,643
Received from Boston Automatic Co.*.....	182	158	194
Received from A. D. T.*.....	198	253	269
Received from C. P. S.*.....	16	14	19
GROSS TOTALS.....	13,435	12,200	13,621
DEDUCT			
STILL ALARMS received for which BOX ALARMS were pulled after STILL and BOX ALARMS were transmitted.....	111	84	106
STILL ALARMS received for which BOX ALARMS were transmitted.....	3,947	3,925	4,014
NET TOTAL STILL ALARMS (Boston).....	8,377	8,191	9,501
MUTUAL AID ALARMS.....	137	140	157

* Does NOT include alarms received after STILL ALARMS 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—1962

	Boxes	Stills	Totals
January.....	1,222	619	1,841
February.....	847	445	1,292
March.....	1,302	904	2,206
April.....	1,500	1,069	2,569
May.....	1,421	893	2,314
June.....	1,035	689	1,724
July.....	1,301	907	2,208
August.....	1,225	772	1,997
September.....	1,286	687	1,973
October.....	1,301	802	2,103
November.....	1,244	647	1,891
December.....	1,310	713	2,023
TOTALS.....	15,054	9,147	24,201

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

	1960		1961		1962	
	No.	Per Cent	No.	Per Cent	No.	Per Cent
Box Alarms.....	8,442	40.26	9,009	42.31	10,553	43.6
Citizens by Telephone.....	6,842	32.62	6,746	31.68	7,755	32.0
Boxes Received After Telephone Call.....	111	0.52	84	0.39	106	0.4
Police Department.....	1,059	5.05	910	4.27	998	4.1
Fire Department.....	1,545	7.37	1,523	7.16	1,643	6.8
Boston Automatic.....	182	0.87	158	0.74	194	0.8
A. D. T.....	198	0.94	253	1.19	269	1.1
C. P. S.....	16	0.07	14	0.07	19	0.1
Mutual Aid.....	137	0.65	140	0.66	157	0.7
Emergency Calls.....	2,555	12.18	2,539	11.92	2,613	10.8
TOTALS.....	20,976	100%	21,294	100%	24,201	100%

SUMMARY OF ALARMS
ACCORDING TO FIRE DISTRICTS—1962

No.		Boxes	Stills	Totals
1	East Boston	988	516	1,504
2	Charlestown	511	312	823
3	North and West Ends and Business District	798	457	1,255
4	Business District, South End and Back Bay	1,456	790	2,246
5	Back Bay and Roxbury	2,457	990	3,447
6	South Boston	1,297	718	2,015
7	Roxbury and Dorchester North	2,303	1,158	3,461
8	Dorchester	1,496	1,175	2,671
9	Jamaica Plain and Roxbury	1,692	898	2,590
10	Roslindale, West Roxbury and Hyde Park	1,024	1,244	2,268
11	Brighton	1,032	732	1,764
TOTALS IN BOSTON		15,054	8,990	24,044
Mutual Aid to Adjacent Cities and Towns		—	157	157
TOTALS		15,054	9,147	24,201

MUTUAL AID ALARMS

	Response of BOSTON to Outside Cities and Towns					Response of Adjacent Cities and Towns to BOSTON				
	1958	1959	1960	1961	1962	1958	1959	1960	1961	1962
Ayer.....	0	0	0	1	0	0	0	0	0	0
Brookline.....	17	27	36	40	52	125	111	135	127	160
Cambridge.....	10	5	12	10	6	4	7	9	8	14
Chelsea.....	7	9	16	16	16	2	3	5	2	10
Dedham.....	6	14	10	7	10	19	18	28	23	26
Everett.....	2	5	3	6	1	1	2	2	3	5
Hull.....	1	0	0	1	0	0	0	0	0	0
Lynn.....	1	1	0	0	0	0	0	0	0	0
Malden.....	0	0	0	1	0	0	0	0	0	0
Medford.....	0	1	0	0	0	0	0	0	0	0
Melrose.....	0	1	0	0	0	0	0	0	0	0
Milton.....	5	5	5	11	3	2	2	1	1	7
Newton.....	16	15	22	12	21	16	18	27	14	34
Quincy.....	3	3	5	1	3	10	14	15	9	23
Revere.....	0	1	1	0	1	0	0	0	0	0
Somerville.....	33	29	27	33	36	42	37	51	45	54
Watertown.....	0	0	0	0	2	0	0	0	0	0
Winthrop.....	1	0	0	1	6	4	9	5	10	13
TOTALS.....	102	116	136	140	157	225	221	278	242	346

24,000 23,000 22,000 21,000 20,000 19,000 18,000 17,000 16,000 15,000 14,000 13,000 12,000 11,000 10,000	TOTAL ALARMS TO WHICH APPARATUS RESPONDED		CITY OF BOSTON		FIRE DEPARTMENT		1943		1944		1945		1946		1947		1948		1949		1950		1951		1952		1953		1954		1955		1956		1957		1958		1959		1960		1961		1962																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

FIRE DEPARTMENT

21

MULTIPLE ALARM FIRES

	1958	1959	1960	1961	1962
Two Alarms.....	47	58	44	65	105
Three Alarms.....	23	14	21	13	33
Four Alarms.....	1	5	8	8	13
Five Alarms.....	2	2	1	0	5
TOTALS.....	73	79	74	86	156

SUMMARY OF MULTIPLE ALARM FIRES ACCORDING TO MONTHS OF THE YEAR — 1962

MONTH	Two Alarms	Three Alarms	Four Alarms	Five Alarms	Total
January.....	10	1	0	0	11
February.....	8	1	0	0	9
March.....	9	4	2	1	16
April.....	7	2	2	1	12
May.....	14	6	2	1	23
June.....	8	2	1	0	11
July.....	10	4	1	0	15
August.....	7	4	1	0	12
September.....	11	6	3	1	21
October.....	5	1	1	1	8
November.....	6	1	0	0	7
December.....	10	1	0	0	11
TOTALS.....	105	33	13	5	156

SUMMARY OF FIRE ALARM BOXES

Total number of fire alarm boxes in service as of December 31, 1961	2,135
Fire alarm boxes installed January 1, 1962, to December 31, 1962	26
Fire alarm boxes discontinued January 1, 1962, to December 31, 1962	3
Net increase in number of fire alarm boxes	23
Total number of fire alarm boxes in service as of December 31, 1962	2,158

DISTRIBUTION OF FIRE ALARM BOXES
DISTRICTS

District 1	127	District 7	181
District 2	132	District 8	244
District 3	160	District 9	189
District 4	162	District 10	369
District 5	204	District 11	192
District 6	198		

DIVISIONS

Division 1	779
Division 2	1,379

FIRE ALARM BOXES INSTALLED IN 1962

DATE	BOX	DISTRICT	LOCATION
Mar. 28	12-3517	8	Franklin Hill Housing for Elderly, Ames Street, Building B, Boiler Room.
May 28	124	1	Callahan Traffic Tunnel.
July 6	12-2442	9	Ellis Mendell School, 164 School Street.
July 16	12-1491	4	Tufts University, 118-146 Harrison Avenue.
July 18	12-2948	10	West Roxbury Manor Nursing Home, 5060 Washington Street.
July 27	7544	6	South Boston Naval Annex, Drydock Avenue, South Side Building 21.
July 31	7542	6	South Boston Naval Annex, Sixth Street, Southwest Corner Building 48.
Aug. 7	2274	9	Amory and Bragdon Streets.
Aug. 8	2889	10	Holiday Lanes, 1605 Veterans of Foreign Wars Parkway.
Aug. 27	3719	10	River Street, opposite No. 892.
Aug. 28	3748	10	River and Webster Streets.
Aug. 30	3737	10	River Street and Huntington Avenue.
Sept. 4	15-235	5	Emmanuel College, St. Ann Hall, 400 the Fenway.
Sept. 4	16-235	5	Emmanuel College, Campus Shop, 400 the Fenway.
Sept. 7	12-2588	10	Atlantic Ten Pin Lanes, 570 American Legion Highway.
Sept. 17	5332	11	Commonwealth Avenue and Leamington Road.
Oct. 1	3441	8	Bailey Street, opposite No. 75.
Oct. 15	12-1573	4	Prudential Project, Entrance Gate, opposite Fairfield Street.
Oct. 16	12-1562	4	Prudential Project, Receiving Gate, Huntington Avenue, opposite Garrison Street.
Oct. 16	13-1562	4	Prudential Project, First Aid Trailer.
Oct. 24	3614	8	American Legion Highway and Franklin Hill Avenue.
Nov. 2	13-1344	3	Museum of Science, Centre Building.
Nov. 7	13-1593	4	Volpe Construction Company Project, End of Cambria Street.
Nov. 26	12-1593	4	Turner Construction Company Project, Dalton Street at Belvidere Street.
Nov. 16	7543	6	South Boston Naval Annex, Fourth Street, South Side of Building 54.
Nov. 28	13-4151	2	Public School, School Street.

FIRE ALARM BOXES DISCONTINUED IN 1962

DATE	BOX	DISTRICT	LOCATION
June 12	13-1323	3	Waldron's Casino, 44 Hanover Street.
July 6	12-722	6	Parkman School, West Broadway, between B and C Streets.
Nov. 20	14-1355	3	Massachusetts General Hospital, Baker Memorial Building.

FIRE ALARM BOXES RELOCATED IN 1962

Fire Alarm Box 12-1677 was relocated and designation changed, as given in General Order No. 2, dated January 9, 1962, viz., 12-1677, Dwight School, Worcester Street.

Fire Alarm Box 13-1481 was relocated and designation changed as given in General Order No. 4, dated January 30, 1962, viz., 13-1481, Building at 37 Bennett Street.

Fire Alarm Box 12-1481 was relocated and designation changed as given in General Order No. 4, dated January 30, 1962, viz., 12-1481, Boston Dispensary, 2 Ash Street.

Fire Alarm Box 2442 was relocated and designation changed as given in General Order No. 26, dated July 10, 1962, viz., 2442, School Street, opposite Copley Street.

CHANGE IN DESIGNATION OF FIRE ALARM BOXES IN 1962

GENERAL ORDERS No.	Box No.	GENERAL ORDERS No.	Box No.	GENERAL ORDERS No.	Box No.
5	12-1541	13	6242	45	1347
5	12-1677	13	12-6242	45	12-1344
10	2337	13	13-2194	45	13-1481
10	3719	26	1615	45	13-1355
13	7135	43	13-1563		

FIRE ALARM CONSTRUCTION FORCE
UNDERGROUND CONSTRUCTION — 1962

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...	2,535	10,140	50	200
4	Rubber-Lead.....	—	—	920	3,680
6	Rubber-Lead.....	—	—	2,583	15,498
7	Polyethylene P.V.C...	8,560	59,920	1,140	7,980
7	Rubber-Lead.....	—	—	2,350	16,450
10	Polyethylene P.V.C...	8,665	86,650	450	4,500
10	Rubber-Lead.....	—	—	2,030	20,300
15	Rubber-Lead.....	—	—	333	4,995
19	Polyethylene P.V.C...	4,230	80,370	—	—
19	Rubber-Lead.....	—	—	585	11,115
20	Rubber-Lead.....	—	—	90	1,800
37	Polyethylene P.V.C...	5,390	199,430	300	11,100
37	Rubber-Lead.....	—	—	723	26,751
61	Polyethylene P.V.C...	—	—	300	18,300
61	Rubber-Lead.....	—	—	194	11,834
	Totals.....	29,380	436,510	12,048	154,503

OVERHEAD CONSTRUCTION — 1962

Number of Conductors	Type of Cable	Installed Feet	Removed Feet
No. 9	T.B.W.P. Galvanized	—	12,000
No. 14	Twisted Pair, Weatherproof	440	270
4	14 Nonmetallic	—	975
4	14 Polyethylene P.V.C.	4,255	1,365
6	14 Nonmetallic	—	500
7	14 Polyethylene P.V.C.	650	—
10	14 Polyethylene P.V.C.	2,771	—
	Totals	8,116	15,110

Knockdowns Attended to 158
Multiple Alarms responded to 156
Fire Alarm Boxes Installed 26
Line Construction: Removals, Installations, Transfers, etc. 241 poles

FIRE PREVENTION DIVISION
1962

**ANNUAL REPORT OF DAILY RECEIPTS —
FIRE PREVENTION DIVISION — 1962**

Month	Licenses and Transfers	Permits	Miscellaneous Permits (Bates)	Totals
January.....	\$24 00	\$4,515 50	—	\$4,539 50
February.....	5,093 00	3,003 00	—	8,096 00
March.....	42,425 50	15,520 99	\$155 00	58,101 49
April.....	28,251 00	95,497 19	619 88	124,368 07
May.....	8,892 50	30,189 10	831 52	39,913 12
June.....	2,662 00	23,168 61	821 50	26,652 11
July.....	813 50	11,054 19	846 43	12,714 12
August.....	459 00	6,939 47	855 04	8,253 51
September.....	106 00	4,492 77	840 57	5,439 34
October.....	60 00	6,736 17	1,424 89	8,221 06
November.....	96 00	6,411 43	864 74	7,372 17
December.....	263 00	3,003 27	724 67	3,990 94
	\$89,145 50	\$210,531 69	\$7,984 24	\$307,661 43

**SUMMARY OF INSPECTIONS AND
INVESTIGATIONS — 1962**

INSPECTION FORCE 1962—FIRE PREVENTION DIVISION

Number of complaints received	1,731
Number of inspections made	47,780
Number of abatement orders issued	4,887
Number of corrections	5,867
Number of reinspections	6,193
	66,458

PLACES OF ASSEMBLY

Places of assembly inspected	4,357
Number of corrections made	411
Number of abatement orders issued	89
Certificates of analysis approved	135
Certificates of flameproofing approved	116

5,108

INSPECTIONS BY FIRE COMPANY OFFICERS AND FIREFIGHTERS

Building inspections	20,712
Reinspections	965
Theaters	12,200
Schoolhouses	7,344
Public buildings	6,710
Oil farms	81
Carhouses	72
New installations—oil burner inspections	2,260
Flammable fluids, storage facilities, etc	2,637
Open air fires	296
Tank removals	54
License renewals, inflammables, garages, etc	2,882
Parking lots	318
License petitions (location approvals)	125
Blasting	95
Boarding homes for children, day nurseries, boarding homes for aged, convalescent homes, etc., hospital, institutions, etc	982

Total inspections and reinspections	57,733
Conditions referred to other departments (written)	129,299
	532

FIRE DRILLS

Schools	4,434
Theaters	456
Hospitals, institutions, etc	229
Industrial and mercantile establishments	7,272

SCHOOL PROGRAM

Number of school visits made	684
Number of pupils spoken to (all visits)	55,855

ARSON SQUAD ACTIVITIES — 1962

Undetermined fires	247
Suspicious fires	15
Causes given but investigated	133
Multiple alarms	119
Deaths	22
Injuries	50
Grand Jury indictments	4
Municipal Court cases	16
Municipal Court convictions	5
Arrests	18
Superior Court cases	3
Superior Court convictions	3
Gas odors investigated	173
Fire prevention inspections	569
Bomb scares	13

CASUALTY REPORT AND REASON

	INJURIES DEATHS	
Abandoned auto — boys	1	
Backfire — gas ovens	2	
Bottle of nail polish falling on stove	1	
Candle	1	
Careless disposal of smokers' articles	10	2
Careless smoking	2	1
Children and matches	3	
Defective bed lamp		1
Defective space heater	3	1
Electrical fire	2	
Flooded kitchen range	4	
Gas stove, accidental gas	1	
Matches ignited clothing		1
Overheated gas heater in kitchen		1
Playing with matches	1	
Smoking in bed	2	7
Suspicious	3	
Undetermined	14	8
Total	50	22

**CHEMICAL LABORATORY
Summary of Analyses and Tests — 1962**

Number of certificates of analysis issued	451
Flash points	20
Inspections	10
Total fees collected	\$544

**PHOTOGRAPHIC LABORATORY
Summary of Activities — 1962**

Arson	285
Accidents	84
Department activities	137
Public relations	8
Fire prevention	208
Multiple alarms	119
I. D. photos	1,716
Number of negatives	6,823
Number of prints	9,157

COMPLAINTS RECEIVED AT FIRE PREVENTION DIVISION — 1962

Month	Telephone	Counter	Letter				Totals
			Public	Health	Building	Administrative Services	
January.....	99	7	5	1	4	3	119
February.....	69	1	2	1	2	2	77
March.....	56	4	2	3	1	1	67
April.....	174	12	4	2	6	4	202
May.....	126	12	9	5	11	5	168
June.....	89	5	2	4	2	3	106
July.....	116	4	3	2	1	3	129
August.....	60	1	1	1	1	1	64
September.....	123	2	6	4	3	1	141
October.....	70	3	3	1	2	1	79
November.....	51	3	4	10	1	3	72
December.....	74	12	9	10	6	6	120
	1,107	66	50	44	40	31	1,344

ORDERS ISSUED, AND CONDITIONS REFERRED TO OTHER DEPARTMENTS — 1962

Month	Abatement Orders	Service Orders			Totals
		Building	Health	Other	
January.....	270	1	58	3	355
February.....	302	2	53	1	418
March.....	414	70	1	2	487
April.....	442	2	80	9	540
May.....	477	2	43	7	538
June.....	488	1	53	7	558
July.....	447	4	38	10	504
August.....	337	51	17	10	415
September.....	395	6	61	6	480
October.....	446	5	48	4	514
November.....	346	3	31	6	388
December.....	463	2	37	2	502
	4,887	28	623	72	5,699

ANALYSIS OF FIRES
IN BUILDINGS
AND CAUSES OF FIRES

ANALYSIS OF FIRES IN BUILDINGS FOR YEAR 1962

Construction of Buildings

Fire-resistive	225
Second-class	949
Third-class	879
Other type	99
Total	2,152

Point of Origin

Basement	357
First floor	734
Second floor	351
Third floor	262
Above the third	169
Roof	28
Outside	251
Total	2,152

Extent of Fire

Confined to point of origin	1,500
Confined to buildings	581
Extended to other buildings	71
Total	2,152

Causes of Fires in Buildings

Chimneys, soot burning	6
Defective chimney	25
Sparks from chimney on roof	5
Defectively installed heater	15
Rubbish near heater	3
Hot ashes	2
Fuel oil burners	117
Starting fires — kerosene or gasoline	5

FIRE DEPARTMENT

37

Careless smoking	913
Children and matches	195
Other careless use of matches	8
Defective wiring	132
Electric appliances and motors	111
Home dry cleaning	1
Flammable liquids near flame	8
Kerosene lamps, stoves	4
Grease, food on stove	13
Clothes, furniture too near fire	8
Spontaneous ignition	41
Fireworks	3
Thawing water pipes	3
Sparks from machines	9
City gas and appliances	5
Miscellaneous known causes	250
Malicious mischief	58
Incendiary or suspicious	19
Unknown	193
Total	2,152

Causes of Outdoor Fires

Rubbish	3,415
Dump	69
Brush or grass	3,122
Other outdoor	866
Marine	8
Automobile	1,099
Total	8,579
Rescue (emergency calls)	5,080
Out of the city calls	193