

[DOCUMENT 11 — 1971.]



ANNUAL REPORT
OF THE
FIRE DEPARTMENT
FOR THE YEAR 1970.

Boston, February 1, 1971.

HON. KEVIN H. WHITE,
Mayor of Boston.

DEAR SIR:

I have the honor to submit herewith a report of the activities of the Boston Fire Department for the year ending December 31, 1970. This report provides a rather concise record of the activities of the department for the forementioned year.

During the year 1970 a major phase was completed in the modernization of the apparatus and equipment of the Boston Fire Department, thus increasing the efficiency of the fire-fighting force. The training and inspection programs of the department have been given added emphasis so that the manpower of the department may be more effectively utilized for the benefit of the taxpayers and the residents of Boston.

The morale of the members of the Fire Department is high, and they perform their tasks with outstanding devotion to duty. The residents and businessmen of Boston can be thankful for the loyalty of the department to safeguard their interests.

Respectfully submitted,

JAMES H. KELLY,
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 November 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
1961-1966 Thomas J. Griffin
1966 Henry A. Scagnoli
(Acting July 1-August 17)
1966-1968 William J. Fitzgerald
1968- James H. Kelly
(From November 27)

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. Mullin
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
1956-1960 Leo C. Driscoll
1960-1963 John A. Martin
1963-1966 William A. Terrenzi
1966-1967 James J. Flanagan
1967-1969 John E. Clougherty
1969-1970 Joseph F. Kilduff
1970- George H. Paul
(From April 1, 1970)

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

In Memoriam

Deaths of Active Members During 1970

January 6

FREDERICK J. BYRNE, JR.
Fire Fighter, Rescue Company

February 7

WILLIAM L. KILDUFF
District Chief, District 3

March 3

GEORGE J. GOTTWALD
Lieutenant, Engine 13

April 16

JAMES J. CONWAY
Fire Fighter, Fire Prevention

April 30

PAUL D. WALTON
Fire Fighter, Engine 29

May 17

ARCHIBALD J. DEVLIN
Captain, Engine 8

June 13

WILLIAM F. KEEFE
Fire Fighter, Fire Prevention

June 23

JOSEPH M. DAVENPORT
Lieutenant, Engine 30

In Memoriam

Deaths of Active Members During 1970

June 27

MARTIN J. EARNER
Fire Fighter, Fire Prevention

August 3

FREDERICK P. CLAUSS
Deputy Chief, Headquarters

October 16

JOSEPH J. DOWNING
Lieutenant, Engine 2

November 12

JAMES J. McLAUGHLIN
Fire Fighter, Ladder 30

November 29

MATTHEW R. SOUZA
Fire Fighter, High Pressure

December 13

WILLIAM A. CUNNINGHAM
Fire Fighter, Ladder 25

December 23

MARK W. MURPHY
Lieutenant, Engine 4

December 30

EDWIN H. FOLEY
Fire Fighter, Engine 30

CONFIDENTIAL

1. Name of the person being interviewed

2. Date of birth

3. Place of birth

4. Present address

5. Present occupation

6. Present political affiliations

7. Present religious affiliations

8. Present marital status

CONFIDENTIAL

1. Name of the person being interviewed

2. Date of birth

3. Place of birth

4. Present address

5. Present occupation

PERSONNEL

6. Present political affiliations

7. Present religious affiliations

8. Present marital status

MEDAL OF HONOR MEN

BOSTON FIRE DEPARTMENT — 1969

John E. Fitzgerald Medal

Awarded to Fire Lieutenant WILLIAM P. DOYLE of
Ladder Company 30

Walter Scott Medal for Valor

Awarded to Fire Fighter FRANK J. CRONIN of Ladder
Company 3

Patrick J. Kennedy Medal of Honor

Awarded to Fire Fighter EDWARD J. CUSACK of Ladder
Company 23

ROLL OF MERIT — 1969

Fire Fighter WILLIAM H. GREENE of Engine Company 14

Fire Fighter RICHARD P. HICKEY of Engine Company 14

Fire Fighter RICHARD T. O'DONNELL of Engine Com-
pany 2

Fire Fighter JOHN F. SCOTT of Engine Company 45

Fire Fighter RODNEY HORTON of Ladder Company 23

Fire Fighter VINCENT DIMINO of Ladder Company 30

Fire Fighter NINO N. TRAMONTOZZI of Engine Company 37

APPOINTMENTS — 1970

(Fire-fighting Division)

DATE	NAME	ASSIGNMENT
June 3	Matthew Corbett . . .	Engine Company 25
June 3	Ronald W. Keating . . .	Rescue-Pumper Unit
June 3	Donald LaPorte . . .	Engine Company 12
June 3	Theodore J. Doherty . . .	Engine Company 12
June 3	George E. Cohen . . .	Engine Company 12
June 3	Robert J. Crawford . . .	Engine Company 53
June 3	James D. Ealey . . .	Engine Company 9
June 3	George W. Drosos . . .	Engine Company 16
June 3	Bruce Fabyan . . .	Ladder Company 30
June 3	David F. Walsh . . .	Engine Company 11
June 3	Michael C. Williams . . .	Engine Company 14
June 3	James E. Prokop . . .	Ladder Company 27
June 3	Robert E. Dillon . . .	Engine Company 51
June 3	Frederick T. Murphy . . .	Engine Company 56
June 3	Donald C. Taber . . .	Engine Company 52
June 3	Ernest M. Taro . . .	Engine Company 29
June 3	Daniel Donovan . . .	Engine Company 51
June 3	Joseph M. Greenwood . . .	Ladder Company 4
June 3	Albert Giannetti . . .	Ladder Company 11
June 3	John H. Hartford . . .	Engine Company 52
June 3	Robert F. Snell . . .	Engine Company 52
June 3	William L. Nolan . . .	Ladder Company 21
June 3	Joseph T. Noto . . .	Engine Company 3
June 3	James T. McGarry, Jr. . .	Engine Company 51
June 3	Frederick M. Toomey . . .	Ladder Company 2
June 3	Eugene P. Irwin, Jr. . .	Engine Company 7
August 12	Michael J. Ridini . . .	Engine Company 41
August 12	Richard K. Lynch . . .	Engine Company 37
August 12	Anthony J. Crisafulli . . .	Engine Company 30
August 12	Donald J. Rosemond . . .	Engine Company 1
August 12	Alfred F. Chase . . .	Engine Company 50
August 12	Leo J. Scanlon . . .	Ladder Company 27
August 12	Alfred E. Venezia . . .	Engine Company 32
August 12	Kevin F. Duffley . . .	Aerial Tower 1
August 12	Paul Varley . . .	Ladder Company 29
August 12	Arthur E. Perkins, Jr. . .	Engine Company 42
August 12	Eugene E. McDevitt, Jr. . .	Engine Company 8

APPOINTMENTS — 1970 — Continued

(Fire-fighting Division)

DATE	NAME	ASSIGNMENT
August 12	Joseph R. Jackson . . .	Engine Company 11
August 12	Paul McLellan . . .	Engine Company 28
August 12	Paul H. King . . .	Engine Company 12
August 12	Joseph A. Kardoos . . .	Engine Company 33
August 12	Edward J. Callahan . . .	Engine Company 34
August 12	Patrick J. Smith . . .	Engine Company 4
August 12	James P. Teed . . .	Engine Company 12
August 12	Daniel M. Polvere . . .	Rescue-Pumper Unit
August 12	Armando Vieira . . .	Engine Company 56
August 12	John F. Harrington . . .	Engine Company 17
August 12	Joseph R. Rogers, Jr. . .	Engine Company 52
August 12	Gerard K. McLaughlin . . .	Engine Company 56
August 12	Alfred G. Hansen . . .	Ladder Company 11
August 12	Nicholas P. Calos . . .	Engine Company 18
August 12	Leo K. Mahoney . . .	Engine Company 7
August 12	Donald P. Doenges . . .	Engine Company 40
August 12	Andrew J. Rotondo . . .	Engine Company 29
August 12	William W. Hayhurst, Jr. . .	Ladder Company 8
November 11	Gerard J. Molito . . .	Engine Company 56
November 11	Simon F. Condon . . .	Ladder Company 1
November 11	Frank B. Greenberg . . .	Engine Company 10
November 11	John W. Ahern . . .	Ladder Company 18
November 11	John J. Ellis, Jr. . .	Ladder Company 11
November 11	Philip L. Gagne . . .	Engine Company 10
November 11	John E. Conway . . .	Engine Company 40
November 11	Eugene R. Rainone . . .	Engine Company 50
November 11	John J. Ellard . . .	Ladder Company 18
November 11	Louis Lentini, Jr. . .	Engine Company 12
November 11	Richard J. Hudson . . .	Engine Company 36
November 11	Walter T. LaRosa . . .	Engine Company 11
November 11	Raph G. Zammito . . .	Ladder Company 2

APPOINTMENTS — 1970 — Continued

(Fire-fighting Division)

DATE	NAME	ASSIGNMENT
November 11	Ronald G. Richard . . .	Engine Company 56
November 11	Walter F. Duggan . . .	Engine Company 5
November 11	Philip A. Gagnon . . .	Ladder Company 18
November 11	Joseph F. Boucher, Jr. . .	Engine Company 51
November 11	John A. Smith . . .	Engine Company 10
November 11	James J. O'Neill, Jr. . .	Engine Company 12
November 11	Edward J. Hudalla . . .	Engine Company 51
November 11	Thomas L. Finn . . .	Engine Company 17
November 11	Steven B. Teixeira . . .	Engine Company 9
November 11	Anthony J. Itri . . .	Ladder Company 2
November 11	Ronald L. Gatnik . . .	Engine Company 51
December 29	David L. Packard . . .	Engine Company 12
December 29	Dwight H. Brown . . .	Engine Company 2
December 29	Edward J. Arsenault, Jr. . .	Ladder Company 24
December 29	John H. Burden . . .	Ladder Company 22
December 29	Michael J. Scanlan . . .	Ladder Company 10
December 29	John P. Kelly . . .	Engine Company 56
December 29	Thomas V. Walsh . . .	Engine Company 20
December 29	Thomas M. Hammond . . .	Rescue-Pumper Unit
December 29	George V. Rull . . .	Engine Company 43
December 29	John E. Noonan . . .	Ladder Company 9
December 29	Henry T. Hickey . . .	Engine Company 24
December 29	Wendell Fidler . . .	Ladder Company 9
December 29	Stephen G. Mortlock . . .	Engine Company 12
December 29	Benjamin E. Brown, Jr. . .	Engine Company 53
December 29	Henry J. Hudson . . .	Engine Company 21
December 29	Francis X. Connors, Jr. . .	Engine Company 34
December 29	George M. Sacco, Jr. . .	Ladder Company 2
December 29	John J. Keenan . . .	Aerial Tower 1
December 29	Thomas J. Powers . . .	Engine Company 51
December 29	William G. Feeney . . .	Engine Company 9

APPOINTMENTS — 1970 — Concluded

(Fire-fighting Division)

DATE	NAME	ASSIGNMENT
December 29	James R. Dutcher . . .	Engine Company 56
December 29	James E. France . . .	Engine Company 39
December 29	Francis J. Norris . . .	Ladder Company 15
December 29	Philip L. Daly, Jr. . .	Engine Company 25
December 29	James M. Flaherty . . .	Engine Company 2
December 29	Stephen M. Nawoichik . .	Ladder Company 1
December 29	Edward Mitchell, Jr. . .	Ladder Company 24
December 29	John P. Sirianni . . .	Engine Company 56
December 29	William D. Ferrara . . .	Engine Company 11
December 29	John J. McKenna . . .	Engine Company 39
December 29	John J. Fogarty . . .	Ladder Company 29
December 29	Paul Richardson . . .	Engine Company 24
December 29	Richard M. Feeley . . .	Engine Company 51
December 29	Edward T. Loder . . .	Ladder Company 2
December 29	Leo R. McGonagle . . .	Engine Company 10
December 29	Thomas F. Morrissey, Jr. .	Engine Company 41
December 29	Richard P. Sheridan . . .	Ladder Company 25
December 29	Thomas L. Robinson . . .	Engine Company 43
December 29	Charles J. Kelley . . .	Ladder Company 11
December 29	James M. Freda . . .	Ladder Company 21
December 29	Donald R. Starrow . . .	Rescue-Pumper Unit

BOSTON FIRE DEPARTMENT

1970

*Fire Commissioner, JAMES H. KELLY**Chief of Department, JOSEPH F. KILDUFF (to April 1, 1970)**Chief of Department, GEORGE H. PAUL (from April 1, 1970)**Executive Secretary, WILLIAM D. SLATTERY**Medical Examiner, EDWARD H. HOMMEL, M. D.**Deputy Fire Chief in Charge of Training Division, FREDERICK P. CLAUSS (to August 3, 1970)**Deputy Fire Chief in Charge of Training Division, JOHN J. SULLIVAN (from August 4, 1970)**Deputy Fire Chief in Charge of Fire Prevention Division, JOSEPH L. DOLAN**Deputy Fire Chief in Charge of Community Relations, JAMES M. FINN**Superintendent of Fire Alarm Division, JOHN M. MURPHY**Superintendent of Maintenance Division, WALTER J. KEARNEY**Chaplains, REV. MSGR. JAMES J. KEATING, Catholic; REV. JOHN E. BARCLAY, Protestant; RABBI SAMUEL I. KORFF, Jewish.*

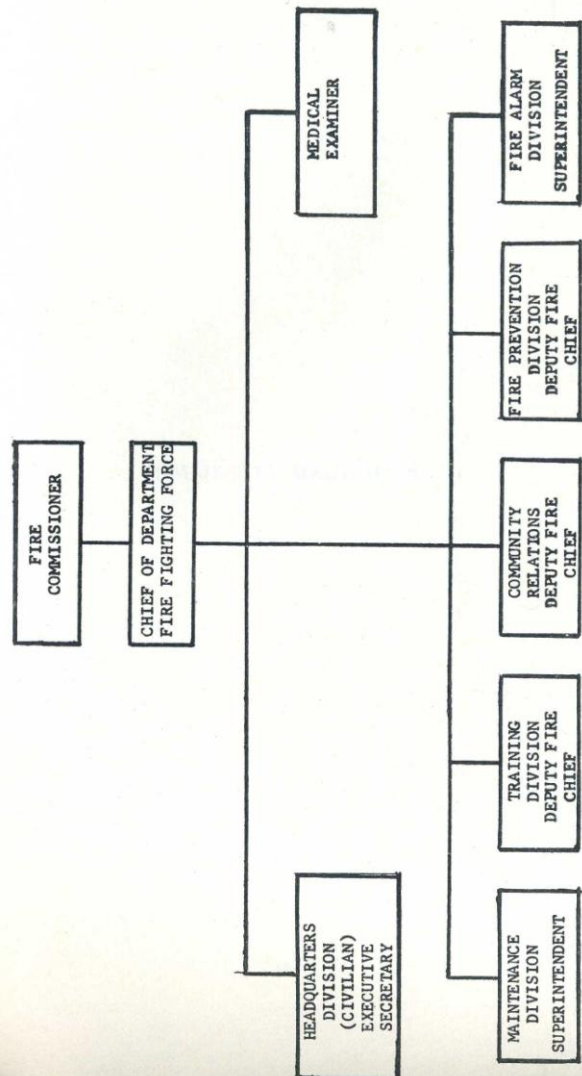
STATISTICS

COMPARATIVE FIRE DEPARTMENT EXPENDITURES

	1969	1970
1. PERSONAL SERVICES		
Permanent employees	\$18,453,040 87	\$21,478,452 34
Overtime	821,106 65	977,577 21
Total Personal Services	\$19,274,147 52	\$22,456,029 55
2. CONTRACTUAL SERVICES		
Communications	\$53,817 53	\$61,040 32
Light, heat, and power	107,186 80	111,305 48
Repairs and maintenance of buildings and structures	99,781 62	120,524 07
Repairs and servicing of equipment	212,250 29	172,606 63
Transportation of persons	3,596 60	4,935 81
Miscellaneous contractual services	30,086 91	23,647 19
Total Contractual Services	\$506,719 75	\$494,059 50
3. SUPPLIES AND MATERIALS		
Automotive supplies and materials	\$150,438 95	\$149,498 91
Heating supplies and materials	78,963 34	59,621 77
Food supplies	10 50	30 00
Household supplies and materials	13,037 08	22,890 17
Medical, dental, and hospital supplies and materials	920 19	1,630 35
Office supplies and materials	23,772 18	28,990 18
Miscellaneous supplies and materials	493,845 11	605,381 14
Total Supplies and Materials	\$760,987 35	\$868,042 52
4. CURRENT CHARGES AND OBLIGATIONS		
Other current charges and obligations	\$121,684 20	\$136,127 45
Total Current Charges and Obligations	\$121,684 20	\$136,127 45
5. EQUIPMENT		
Automotive equipment	\$12,446 82	\$70,591 89
Office furniture and equipment	12,369 40	10,223 36
Miscellaneous equipment	39,998 73	784,362 42
Total Equipment	\$64,814 95	\$865,177 67
Grand Total	\$20,728,353 77	\$24,819,436 69

FIRE DEPARTMENT REVENUE — 1970

Permits for storage of inflammable fluids, certificates of registration, etc.	\$232,804 07
Commissions from New England Telephone & Telegraph Company	3,062 18
Damage to fire alarm boxes	3,199 74
Damage to fire apparatus	4,800 00
Miscellaneous	4,156 85
Total	\$248,022 84



COMMUNITY RELATIONS

This important division of the Boston Fire Department has been rapidly growing from year to year and has recently been expanded to include a variety of assignments and activities. This comparatively new division has the overall responsibility for coordination of publicity and public information and has become a fully functional pathway for the interchange of opinions, information, and assistance. It is constantly striving to keep the public aware of the services available to them, initiating and coordinating numerous educational programs and working with individuals, neighborhood groups, and organizations throughout the city. One of the more important functions of this division is to supervise and record the number of false alarms which are pulled throughout the city. These records are analyzed, certain sections are put under surveillance, and the results show there were seventy apprehensions for false alarms during the year 1970. This also resulted in a 5 percent decrease in false alarms for the year 1970 as compared to the year 1969. Another program which was put into effect with successful results was the school for prospective fire fighters who had applied for the job through Civil Service and were awaiting the examination. Approximately 85 percent of the applicants who went through this course are now on the job. Conducting and supervising classes in Spanish for the fire fighters on the job, especially the men who work in Spanish-speaking areas, a necessary program due to the rapidly increasing population of Spanish-speaking people, and procuring special nurses for injured fire fighters who were in urgent need of nurses around the clock were among the activities of this division. All complaints, inquiries, allegations, and harassments of fire fighters are handled by this division. Fire alarm box responses; Fire Department motor pool; Water Officer (in conjunction with Fire Training and Research Division); hospital representatives (including emergency special nurse file); Fire Department Honor Guard; processing of new men and assignment of berths; Fire Department surveillance cars; all court actions and appearances—these are but a few of the functions of this

division. As part of community relations a "Public Relation Office" has been in operation for the past few years, and the results have been significant. A definite rapport has been established with all news media, both on a personal and community basis. Valuable experience has been gained by this office in its day-to-day dealings with members of the press, and many contacts have been established. Avenues of communication have also been established between the radio and television (news and feature) editors which have proved very helpful. Our efforts to bring the citizens of Boston meaningful messages of community interest, which would include safety both in the home and in their places of business, have proved very successful. "On-the-scene" reporting at multiple-alarm fires has caused many citizens to become more aware of the significance of fire safety, and there is no question that this office has been instrumental in reduction in the number of false alarms during the year 1970.

TRAINING AND RESEARCH DIVISION

TRAINING AND RESEARCH DIVISION

The primary function of the Training and Research Division (formerly known as the Personnel and Training Division) is twofold:

1. To initiate and supervise the job development of the fire fighter commencing with the probationary period and continuing throughout his career. This, of course, entails the keeping of comprehensive records regarding the actual training of the various groups involved.

2. To become involved in research programs designed to improve fire-fighting techniques, fire-fighting apparatus and equipment, and for the protection of fire fighters; to prepare specifications for new fire apparatus; to test and evaluate newly acquired fire apparatus; to test and evaluate new tools and appliances before recommending their use in the department.

To properly fulfill its mission this division must be constantly aware of advances made in engineering, science, and industry as they affect the techniques of fire fighting, fire protection, and fire extinguishment. This requires a program comprehensive enough to cover all phases of modern day fire fighting and the imparting of acquired information to and the training of approximately 2,000 men.

In a department such as ours close cooperation among the various divisions is essential in order for us to fulfill our obligations to the city. This division acknowledges and appreciates the assistance and cooperation of the Headquarters, Fire-fighting, Fire Prevention, Community Relations, Fire Alarm, and Maintenance Divisions in helping us meet our obligations.

The following summary covers in general the activities of this division during the past year:

A. Available Facilities

1. Training and Research Division Office, Headquarters Building.
2. Fire Fighting Equipment Stockroom and Repair Shop, Headquarters Building.
3. Memorial Hall, Headquarters Building.

4. Pump Test Pit, Maintenance Division Yard.
5. John A. Martin Fire Academy, Moon Island.
6. Compressed Air Tank and Fire Extinguisher Recharging Station, Moon Island.
7. Drill Tower, Engine 2, South Boston.
8. Drill Tower, Engine 29, Brighton.

B. Department Drilling and Training Programs

This division develops, formulates, and conducts drilling and training procedures covering the wide range of subjects, both basic and newly developed, that must be taught and reviewed to insure efficient operation at fires and other incidents requiring the response of the Fire Department. It is absolutely essential that personnel of our department be taught, trained, and continuously reviewed on the necessary tasks facing them in the fire service.

1. Probationers

This division exercises control over new members during their probationary period of six months. New appointees are interviewed by this division and oriented regarding the objectives of the Fire Department relative to the safeguarding of lives and property in the event of fire, the general requirements they must comply with, and the type of work expected of them in drill school and in the fire company to which they have been assigned.

When the six-month probationary period is completed, a final report is submitted by this division to the Fire Commissioner stating that the probationers have become permanent members of the department.

During the past year 119 men were appointed and 108 became permanent members of this department.

2. Fire College for Newly Promoted Officers

During the past year courses of instruction were conducted at the Fire Academy for forty-eight fire fighters of this department promoted to the

rank of lieutenant and for sixteen lieutenants promoted to the rank of captain, making a total of sixty-four. The following subjects were covered:

- a. Pumps
- b. Sprinklers and supervisory systems
- c. Utilities (gas, electric, oil)
- d. Rescue company equipment
- e. Diesel engines
- f. Air masks and cascade system
- g. Foam
- h. Radio procedure — fire alarm communications
- i. Jacking up trains — MBTA
- j. Safe driving and accident prevention
- k. Forms, including I. D. and abatements
- l. Miscellaneous subjects, including fire prevention, rest and nursing homes, schools, hospitals, skylights, plate glass doors, Sonaguard, aircraft, tank trunks, etc.

3. *District Chiefs' Seminar*

During the past year a two-day seminar was conducted for district fire chiefs in the department. Instruction was given at a vacant building and at the Fire Academy in various subjects.

4. *Fire Instructor Training Course*

Members of this division plus qualified personnel of this department attended a twelve-hour fire instructor training course at the Fire Academy. This two-day course was sponsored by the Commonwealth of Massachusetts Fire-fighting Academy. Twenty-eight members of this department attended.

5. *Radiological*

This training program is carried on in cooperation with civil defense. In addition to instructing members of this department in radiation hazards and detection, instruction is also given

to other fire departments, police departments, and other state and federal agencies.

6. *Boston Fire Department Exhibition Drill Team*

Twenty-five members of the drill team were drilled by instructors of this division and participated in several exhibitions and demonstrations during Fire Prevention Week.

7. *Fire Science Courses*

During the past year approximately 250 members of this department, including officers, were enrolled and processed and attended specialized fire-science technology courses in the various local community colleges during the spring and fall semesters. Commencing in the fall, courses were conducted in Memorial Hall at Fire Headquarters, making it possible for more fire fighters living in the Boston area to attend. This was known as the Massachusetts Bay Community College Extension. Approximately 130 members of this department were enrolled and processed by this division for this course at Fire Headquarters. The work involved in the processing of payment of textbooks and the maintaining of a library of same was handled by this division.

These courses, which have been made available to members of Massachusetts Fire Departments under chapter 811, Acts of 1967, of the Massachusetts General Laws, are conducted evenings, and are tuition-free to the student, with expenses subsidized by the state and the City of Boston.

8. *Safety Driving Program*

The defensive driver training program was continued throughout 1970, resulting in the effective reduction of the number of accidents caused by drivers of Fire Department vehicles. All accidents were analyzed and reviewed, and members involved in accidents were interviewed and re-examined.

C. *Training Available to Outside Groups*1. *Fire Service Applicants*

Courses of instruction in preparation for civil service fire entrance examinations held in January and August of 1970 were conducted at Fire Headquarters by instructors under the supervision of this division in conjunction with the Community Relations Program sponsored by the City of Boston Mayor's Office. Approximately 175 persons attended these courses, which were made available to interested persons in the City of Boston. Enrollment, instruction, examinations, etc., were furnished by this division.

2. *Basic Fire Fighting*

This department conducts courses of instruction in the fundamentals of fire fighting for groups in the city and within the surrounding areas. The facilities of the Fire Academy as well as the classrooms are used. These groups include other fire departments, the military services, industrial establishments, security agencies, police departments, municipal organizations, hospitals, hotels, retail stores, etc. In addition, members from the various surrounding fire departments have attended our Fire College and probationers' drill school.

3. *Basic Fire Safety*

Instructors from this division visit various locations such as hospitals, nursing, convalescent, and rest homes, schools, business firms, and agencies to conduct specially arranged courses and to provide on-the-site instruction on first-aid fire fighting, uses of various types of fire extinguishers, evacuation, patient removal, rescue breathing, etc. This includes lectures, films, and actual demonstrations.

4. *Radiological*

As mentioned previously, this training program is carried on in cooperation with civil defense.

Liaison is maintained with city, state, and federal civil defense agencies, and instruction is also given to other fire departments, police departments, state and federal agencies, insurance companies, and other agencies concerned.

D. *Surveys*1. *Inspections and Tests*

Annual surveys, inspections, and tests are carried out throughout the department to determine the condition of the various tools and appliances that are used in the fire service. It is of extreme importance that periodic tests and check of equipment be carried out to also insure the safety of personnel who may be called upon to use this equipment.

E. *Research*

A very important function of this division is to conduct tests and thoroughly evaluate the merits of new equipment, materials, and appliances developed for the fire service. We are always alert to take advantage of progress made by manufacturers when the purchase of equipment becomes necessary, and manufacturers are encouraged to submit samples of their products for test and evaluation.

F. *Specifications — New Apparatus and Equipment*

During the past year specifications were formulated and made up by this division in cooperation with the Maintenance Division for five 1500-GPM pumpers and a high volume hose wagon equipped with diesel motors, automatic transmissions, enclosed cabs, etc. During the past year, the following new apparatus was received and put in service as follows:

1. Fourteen Hahn pumpers
2. Three 100-foot American LaFrance ladder trucks
3. Two aerial Sutphen platforms, or towers
4. One hose wagon — "Squirt" — Ford chassis
5. One light plant

Consideration was also given to new types of fire equipment utilized by other cities or communities throughout the country, and careful study and tests were made where possible to obtain firsthand knowledge of such equipment.

The Training and Research Division of this department compares favorably with the outstanding training setups throughout the country. We have every reason to believe that this Fire Department will continue to be trained and maintained at its present high caliber and that progress through teaching and training will be the forerunner of greater efficiency.

FIRE PREVENTION DIVISION

FIRE PREVENTION DIVISION

Large Loss Fires

During the year 1970 the City of Boston experienced several spectacular fires involving various types of occupancies and particularly one large fire which attracted the attention of the nation and brought commendations and favorable comments from all sections of the country, i.e., the National Fire Protection Association, the American Insurance Association, and other recognized fire insurance and rating bureaus concerned with the underwriting of the business interests of the Nation.

One of these was a large warehouse complex in the Roxbury section of Boston, which proved the effectiveness and efficiency of Boston's new aerial tower. This fire was Aerial Tower 1's first major fire and proved highly successful. Boston was plagued with many fires of large proportions that were very spectacular due to the amount and volume of fire and the intensity of the fire in vacant property owned by various authorities in the city, which taxed the fire-fighting forces of this city to their utmost.

In 1970 Boston had its first multiple fire, which reached four-alarm proportions in a high-rise structure under construction in the downtown area of the city. This fire started on the fourteenth floor, dropped down the elevator shafts, and finally involved a total of floors reaching from the fourth to the twenty-fifth. However, once again, the fire-fighting expertise of the Boston Fire Department met the challenge. The fire was contained with a minimum of damage to this high-rise structure.

As a result of these large multiple-alarm fires the Fire Prevention Division instituted programs to include constant inspection and supervision of high-rise structures under construction, and also those occupied, with a view towards fire protection and evacuation. This program was also instituted to "beef up" protection against trespass into vacant buildings throughout the various sections of the city. Once again I am happy to report that due to the efficient and effective fire fighting and ladder work of the fire-fighting division, which was brought about by the constant training and evaluation and research of the

Training Division of this Department in cooperation with the inspection, enforcement, and research of the Fire Prevention Division, this brought about the means of reducing the number of injuries, loss of life, and property damage from fire in our city.

Licenses

In the year 1970 receipts from licenses issued totaled \$82,120. These receipts have remained on the same level as in the year 1969.

Permits

Permit revenue for 1970 amounted to \$150,833.40, including miscellaneous permits. This total is considerably larger than the year 1969, as most of our fuel oil permits are issued on a two-year basis. Total revenue from all sources for the year 1970 was \$232,953.40.

Personnel

The Table of Organization of this division has been increased to incorporate a Night Division of Inspection which concentrates its efforts in the areas of high populations wherein our citizenry may be assembled for shopping, amusement, or entertainment. These inspectors cover all types of occupancies where this assemblage might be encountered and are under the control of a lieutenant inspector who is supervised periodically by a district chief for an appraisal of the effectiveness and the efficiency of the work being performed by this division.

Personnel has been assigned to new construction sites for the purpose of ensuring the available water supplies and the fire protection equipment as well as seeing that good housekeeping is being maintained at these sites.

Also, the vacant building program of inspection is still being maintained at a high level, particularly in the critical areas where, because of federal highways, redevelopment, rehabilitation, and model cities, etc., large numbers of vacant buildings are found. These inspections permit us to have these buildings secured against trespass and the elements, thereby allowing for both the prevention of blight and increasing the fire safety of the neighborhoods.

Inspection Forces

The inspection forces of this division have established a program of inspection designed so that the occupants of the premises to be inspected can make no advanced preparations to circumvent the honest viewing of any location. The total number of inspections made by the inspection forces of this division totaled 24,155 for the year 1970. Places of assembly were also inspected by the forces—a total of 4,405. Additional inspections were made by the officers in the subdistricts where the places of assembly are located. In locations requiring a specialized knowledge, the inspectors of this division specially trained in that field were assigned to make these inspections to ascertain that no fire hazard existed or continued due to a lack of knowledge. All matters concerning other city departments were reported by the inspectors of this division on the necessary forms to the department charged with this responsibility. These totaled 966.

Inspection Squad

The inspection squad of this division is charged with the responsibility of investigating the cause and circumstances of every fire and explosion occurring within the city limits. These results of the investigations are to help determine whether such fire was caused by carelessness, design, or is a violation of law. These investigations are carried on for the use of the Boston Fire Department in removing causes of fires and explosions, apprehending of culprits responsible for fires, and the turning over of all the facts and evidence to the office of the State Fire Marshal. Many hours of investigation were spent in the course of their duties. Undetermined, suspicious, and incendiary fires totaled 653. Injuries reported and investigated totaled ninety-one, with deaths attributed to fires totaling thirty-two. Ninety-seven arrests were made in the course of a year, and sixty-nine municipal and district court appearances. Thirty appearances were made before the Superior Court, two appearances before the United States Court, and fifteen appearances before the Grand Jury. As a result of these appearances and arrests, we were able to get nineteen convictions. This work by the inspection squad in ob-

taining these convictions deserves a "well done," because in arson investigation and detection they have succeeded in obtaining these convictions in one of the most difficult crimes there is to prosecute.

In-Service Inspections

This department continues with its routine in-service inspections by company units of the department. Information and inspections recorded are appraised in this division, and in those instances where further action is required the inspection report is brought to the attention of fire prevention inspectors for closer study of the problem. His findings are made known to the district fire chief and the fire company involved for recommendations and corrective action necessary. These inspections are in excess of 7,000 in the course of a year.

Schools

Every school in the city is inspected with frequency and regularity by a company officer within whose subdistrict the school building is located. A total of 6,870 fire exit drills were held. The Fire Prevention Division maintained a program called the "Boston Junior Fireman," based on the Fire Marshal Plan, which claimed national recognition since its inception in Boston in 1948. This plan is supported by the Sears-Roebuck Foundation and is aimed at the sixth-grade pupil of public, parochial, and private schools for fire prevention education. The approximate number of pupils lectures on fire prevention during the school year was 46,140.

Photography Activity

This unit responds to all multiple alarms, accidents involving Fire Department vehicles or property, special calls for specific photographic records, fire prevention code violations, and fire hazard conditions for correction or prosecution, provides I.D. card photographs, data assembly, and lamination of I.D. cards for issuance to all members appointed or promoted. A total of 6,176 prints were made in the course of the year.

Chemists Activity

During the past year approximately 1,400 samples of various materials were submitted for testing and approval

by the department chemist. Among other things, the samples included vinyl and cloth upholstery, synthetic drapery materials formulated to provide permanent fire retardant properties as well as treated fabrics which provide temporary fire retardant characteristics, fiberglass-type fabrics, vinyl wall coverings, and a variety of synthetic and natural fiber rugs. Of the samples submitted approximately 150 were rejected for not meeting the strict requirements of the Fire Prevention Division.

Fire Prevention Activity

The Fire Prevention Division again this year continued its efforts with an around-the-clock program of fire prevention 365 days. Financial assistance is obtained through funds donated by the Fire Prevention Council, which is a citizen-sustained group that aids in the purchase of educational material in our fire prevention program. This includes various news media, prizes, pamphlets, and posters. Their assistance in our effort is extremely valuable.

Again this year, as in the past, the Fire Prevention Division submitted an entry in the National Fire Protection Association Contest, which is a measuring device for the overall fire prevention program. This department placed fourth in cities of 500,000 population.

General

The Fire Prevention Division maintains a constant in-service training of all members assigned to the division. A weekly seminar is held for all members assigned to the Fire Prevention Division to keep them abreast of current changes in inspection techniques, changes in rules and regulations, and any changes in statute law. These seminars are also extended to members of the fire-fighting forces by holding instructional periods on the Fire Prevention Code and its enforcement, and also instructional courses for officers of the department relative to their responsibilities in inspections and corrections and the issuance of all necessary notices ordering the correction or the appearance of delinquents in the various district courts.

A cooperative in-service training program is also held with the other various departments of city government

involved in code enforcement, i.e., Building Department—Housing Inspection Service and Health and Sanitation.

Members selected to be fire inspectors assigned to the Fire Prevention Division start with a basic knowledge of fire fighting because of their service in the various fire companies of the department throughout the city. These men usually have a background knowledge of building construction, electricity, plumbing, and a knowledge of the various occupancies and their related fire hazards. As this division deals constantly with the public, these men must be able to portray a good example of the fire service to the citizenry of Boston. They must acquire a knack of explaining to the public how they should safely live, work, and play to prevent fire from taking their lives, cause painful injuries, and destroy property. In order to get this message across to the general public, a man must be adept in public relations so that the message we have to give is received in a proper manner.

It must always be kept in mind that fire prevention is an intangible. Therefore, it is never known how many lives are saved or how much property is protected from destruction by the inspections made and the corrections obtained during these inspections by members of this division. The number of serious or multiple alarms was reduced by forty-five in 1970. The work of the arson squad in the investigation of these serious fires and other fires occurring within the city which were incendiary, suspicious, or undetermined, and those fires which were a violation of law, resulted in the apprehension and convictions of nineteen persons. This work by the arson squad will prove to be a deterrent to others who may for any reason hope to avoid punishment for the crime of arson or the violation of law which jeopardizes public safety in this city.

The constant supervision by the night club inspectors and theater inspectors of this division results in the continuing correction of any violations or deficiencies or overcrowding in places of assembly. The thoroughness with which the fire presentation inspectors follow through on the flameproofing of decorative materials used in the various occupancies within this city, i.e., places of assembly, institutions, theaters, etc., maintains a high level of

safety to life from fire in these occupancies. Therefore it is with great pride that I point out that the work performed by the members of this department, and particularly the inspectors assigned to the Fire Prevention Division, whether they be field inspectors, night club inspectors, or arson investigators, have made the City of Boston a safer place in which to work, live, and play.

FIRE ALARM DIVISION

GENERAL SUMMARY OF ALARMS

TOTAL NUMBER OF ALARMS TRANSMITTED
(To Which Apparatus Responded)

	1968	1969	1970
First alarms (boxes).....	14,374	13,603	13,182
Still alarms — NET TOTAL.....	27,388	25,426	26,088
Total Alarms — Boston only.....	41,762	39,029	39,270
Mutual Aid.....	254	212	214
TOTAL ALARMS.....	42,016	39,241	39,284

TELEPHONE ALARMS

	1968	1969	1970
Alarms received from citizens.....	12,393	11,823	11,671
Percent of total alarms.....	29.5	30.1	29.6

FALSE ALARMS

	1968	1969	1970
Total false alarms.....	14,366	13,429	12,751
Percent of total alarms.....	34.2	34.2	32.3

NOTE: The first electric telegraph system for fire alarm in the world was installed in Boston and cost \$16,000. It consisted of forty miles of wire, forty-five signal boxes, or stations, and sixteen 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, 1970, 620,450.

FIRE DEPARTMENT

ANALYSIS OF STILL ALARMS

	1968	1969	1970
Received from citizens by telephone.....	12,393	11,823	11,671
Received from Police Department.....	2,078	1,873	1,827
Received from Fire Department.....	1,877	1,934	1,762
Boxes received — treated as stills.....	14,238	12,837	11,938
Emergency calls — treated as stills.....	3,504	3,443	5,349
* Received from Automatic F. A. Division.....	470	384	522
* Received from A. D. T.....	94	63	79
* Received from C. P. S.....	85	58	97
* Received from Hyde Park Alarm System.....	17	21	25
* Received from I. S. A.....	0	2	1
GROSS TOTALS.....	34,756	32,438	33,271
DEDUCT			
Still alarms received for which box alarms were pulled after still and box alarms were transmitted.....	655	688	605
Still alarms received for which box alarms were transmitted.....	6,710	6,324	6,578
NET TOTAL STILL ALARMS (Boston).....	27,391	25,426	26,088
MUTUAL AID ALARMS.....	254	212	214

* Does not include alarms received after 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.

ORIGIN OF ALARMS

	1968		1969		1970	
	No.	Percent	No.	Percent	No.	Percent
Box alarms.....	21,244	50.5	19,428	49.5	17,937	45.4
Citizens by telephone.....	12,393	29.5	11,823	30.1	11,671	29.6
Boxes received after telephone call.....	655	1.5	688	1.7	605	1.5
Police Department.....	2,078	5.0	1,873	4.8	1,827	4.6
Fire Department.....	1,877	4.5	1,934	4.9	1,762	4.5
A.F.A.....	470	1.1	384	1.0	522	1.3
A.D.T.....	94	0.2	63	0.2	79	0.2
C.P.S.....	85	0.2	58	0.1	97	0.2
H.P.A.S.....	17	0.1	21	0.0	25	0.1
I.S.A.....	0	0.0	2	0.0	1	0.0
Mutual aid.....	254	0.6	212	0.6	214	0.5
Emergency calls.....	3,504	8.3	3,443	8.8	5,349	13.6
TOTALS.....	42,016	100.0%	39,241	100.0%	39,484	100.0%

MUTUAL AID ALARMS—1970

	Response of Boston to Outside Cities and Towns	Response of Adjacent Cities and Towns to Boston
Brookline.....	47	289
Cambridge.....	21	19
Chelsea.....	13	8
Dedham.....	20	7
Everett.....	1	3
Milton.....	16	8
Hanscom A.F.B.....	0	3
Newton.....	13	36
Quincy.....	9	31
Revere.....	0	1
Somerville.....	65	52
Waltham.....	1	1
Winthrop.....	8	8
TOTALS.....	214	454

SUMMARY OF ALARMS BY MONTHS—1970

	Boxes	Stills	Totals
January.....	1,553	816	2,369
February.....	1,542	860	2,402
March.....	1,072	1,948	3,020
April.....	1,114	2,890	4,004
May.....	1,067	2,874	3,941
June.....	841	2,637	3,478
July.....	943	2,743	3,686
August.....	809	2,503	3,312
September.....	867	2,551	3,418
October.....	918	2,978	3,896
November.....	955	2,496	3,451
December.....	1,501	1,006	2,507
Totals.....	13,182	26,302	39,484

NOTE: Alarms received from Boston Automatic, A.D.T., C.P.S.-H.P.A.S. or where private company box only was transmitted, without CITY BOX, have been included under STILL ALARMS.

All alarms for Mutual Aid have been included under STILL ALARMS.

SUMMARY OF ALARMS
ACCORDING TO FIRE DISTRICTS—1970

No.		Boxes	Stills	Totals
1	East Boston.....	590	1,917	2,507
2	Charlestown.....	402	835	1,237
3	North and West Ends and Business District.....	1,019	1,016	2,035
4	Business District, South End, and Back Bay.....	1,807	1,348	3,155
5	Back Bay and Roxbury.....	1,782	3,015	4,797
6	South Boston.....	1,184	2,781	3,965
7	Roxbury and Dorchester North.....	1,766	3,437	5,203
8	Dorchester.....	1,571	4,188	5,759
9	Jamaica Plain and Roxbury.....	1,496	3,098	4,594
10	Roslindale, West Roxbury, and Hyde Park.....	763	3,009	3,772
11	Brighton.....	802	1,444	2,246
TOTALS IN BOSTON.....		13,182	26,088	39,270
Mutual Aid to Adjacent Cities and Towns.....		—	214	214
Totals.....		13,182	26,302	39,484

MULTIPLE ALARM FIRES

	1966	1967	1968	1969	1970
Two Alarms.....	139	129	138	120	89
Three Alarms.....	40	37	40	32	19
Four Alarms.....	16	14	13	6	6
Five Alarms.....	7	4	10	3	2
TOTALS.....	102	184	201	161	116

**SUMMARY OF MULTIPLE ALARM FIRES—1970
ACCORDING TO MONTHS OF THE YEAR**

MONTH	Two Alarm	Three Alarm	Four Alarm	Five Alarm	Total
January.....	8	5	0	0	13
February.....	7	1	0	0	8
March.....	8	3	1	0	12
April.....	8	0	0	0	8
May.....	14	2	0	0	16
June.....	2	0	1	1	4
July.....	8	2	1	0	11
August.....	4	2	0	0	6
September.....	5	1	1	0	7
October.....	8	0	1	0	9
November.....	4	3	0	0	7
December.....	13	0	1	1	15
TOTALS.....	89	19	6	2	116

**SUMMARY OF FALSE ALARMS
ACCORDING TO MONTHS OF THE YEAR**

	1968	1969	1970
January.....	523	1,023	636
February.....	709	672	743
March.....	1,039	916	894
April.....	1,374	1,208	1,106
May.....	1,613	1,384	1,471
June.....	1,414	1,279	1,288
July.....	1,111	1,189	1,176
August.....	1,140	1,164	1,133
September.....	1,416	1,081	1,180
October.....	1,667	1,413	1,305
November.....	1,396	1,263	1,202
December.....	964	837	617
TOTALS.....	14,366	13,429	12,751

FIRE DEPARTMENT

SUMMARY OF FIRE ALARM BOXES

Total number of fire alarm boxes in service as of December 31, 1969	2,318
Fire alarm boxes installed during period January 1, 1970, to December 31, 1970	15
Fire alarm boxes discontinued during period January 1, 1970, to December 31, 1970	4
NET INCREASE IN NUMBER OF FIRE ALARM BOXES	11
TOTAL NUMBER OF FIRE ALARM BOXES IN SERVICE AS OF DECEMBER 31, 1970	2,329

DISTRIBUTION OF FIRE ALARM BOXES

DISTRICTS

District 1	125	District 7	193
District 2	131	District 8	274
District 3	161	District 9	214
District 4	188	District 10	413
District 5	221	District 11	206
District 6	203		

DIVISIONS

Division 1	808
Division 2	1,521

FIRE ALARM BOXES INSTALLED IN 1970

Date	Box	District	Location
Jan. 8	14-4141	2	Charlestown Public Library, 5 Green Street
Mar. 16	14-3542	8	William Bradford Annex, 800 Morton Street
May 5	14-136	3	Society of New England Antiquities, 141 Cambridge Street
June 11	12-1865	7	School Warehouse, 1216 Dorchester Avenue
June 29	12-2383	9	Sherrill House, 135 South Huntington Avenue
Sept. 9	13-2457	9	James M. Curley School, Rear 493 Centre Street
Sept. 9	12-7432	6	South Boston High School Annex, 1663 Columbia Road
Sept. 18	12-1341	3	Massachusetts Rehabilitation Hospital, 125 Nashua Street
Sept. 28	12-2127	5	Police Station No. 2, 135 Dudley Street
Sept. 29	12-234	5	State College at Boston, 174 Ipswich Street
Nov. 5	12-1656	4	Boston University, Instructional Building, 70 East Concord Street
Nov. 5	12-1655	4	Boston University School of Graduate Dentistry, 100 East Newton Street
Nov. 17	12-1551	4	South End Library, 685 Tremont Street
Dec. 9	14-2351	5	Shields Warren Research Laboratory Building, 50 Binney Street
Dec. 11	12-2649	10	Stephen Weld School, 68 Seymour Street

FIRE ALARM BOXES DISCONTINUED IN 1970

Date	Box	District	Location
April 3	1716	5	Hampden Street, opposite George Street
April 3	2237	5	Vernon and Hampshire Streets
April 23	2362	5	Smith Street, opposite Tobin Court
April 23	2267	9	Thornton and Vale Streets

DAMAGE TO FIRE ALARM FACILITIES 1970

During the year 1970 there were 248 different incidents in which fire alarm facilities were damaged by street construction or struck and damaged by automobiles and trucks, covering 195 different fire alarm boxes.

In 206 of the instances damage was caused by unknown persons.

SUMMARY OF DAMAGE

	1968	1969	1970
Number of separate incidents.....	276	256	248
Boxes struck two times.....	34	29	29
Boxes struck three times.....	11	4	6
Boxes struck four times.....	0	2	0
Boxes struck five times.....	1	0	2
Number of different fire alarm boxes involved.....	208	217	195
Test boxes — cable boxes.....	6	7	4
Underground duct damaged.....	0	0	0
Damaged by unknown persons.....	217	232	206

SUMMARY OF COSTS FOR PROPERTY DAMAGE

	1968	1969	1970
Cost of labor.....	\$3,880 06	\$3,382 76	\$4,126 86
Cost of material.....	26,903 02	25,753 54	27,471 46
Contractor.....	273 40	—	—
TOTAL COST OF DAMAGE.....	\$31,056 48	\$29,136 08	\$31,598 32

MAINTENANCE DIVISION

MAINTENANCE DIVISION

The Maintenance Division is responsible for the maintenance and repair of all automotive equipment, buildings, and other various types of equipment used by the Boston Fire Department. Included in this area of responsibility are two hundred forty-seven pieces of rolling stock, two fireboats, forty-six buildings, 300,000 feet of fire hose, and the purchase and upkeep of uniforms. In addition, the Maintenance Division is responsible for the compilation of specifications and purchase of new fire apparatus and equipment.

The facilities of the Maintenance Division consist of the main apparatus repair shop, small vehicle shop, machine shop, welding and metal shop, carpenter shop, hose and canvas shop, paint shop, plumbing shop, battery and ignition rooms, uniform and clothing division, and a general stockroom.

The personnel assigned to the Maintenance Division include fifty-three civilian tradesmen with various skills and crafts and twenty-two fire fighters assigned to the emergency motor squad. The emergency motor squad made over 6,700 responses to emergency situations affecting fire apparatus during the year 1970.

During the year 1970 the following equipment was put in service, or purchase orders were issued for their purchase:

A. Equipment received and put in service:

- 14 1,250-gallon-per-minute Hahn pumpers
- 3 100-foot American LaFrance aerial ladder trucks
- 12 Fire District station wagons
- 1 85-foot Sutphen aerial unit
- 1 Ansul unit

B. Purchase orders issued in 1970:

- 1 Maxim Hose wagon articulating water boom
- 3 Maxim 100-foot aerial ladder trucks with ladder tip control
- 5 1,500-gallon-per-minute Hahn pumpers
- 3 Dodge sedans
- 1 25-ton wrecker

- 1 International lighting plant
- 1 6,000-gallon-per-minute fireboat with articulating water boom and bow deluge guns

During the year the Maintenance Division took maximum advantage of the opportunity to purchase surplus materials from civil defense at a savings to the City of Boston. Included in the purchases were an air compressor, small tools, shop equipment, and many types of hardware.

In the area of fire stations, Engine 32 and Ladder 9 moved to their new quarters at 525 Main Street, Charlestown. The major renovations to Engine 33 and Ladder 15's quarters were started, and a temporary building was constructed on fire alarm property in the Fenway so the normal response of these companies would not be affected. Construction of a new fire station in Hyde Park and another in Dorchester are scheduled to start in the coming year. In the planning stage are three new fire stations — one in the Grove Hall section, one in the Dudley Street-Harrison Avenue area, and one in South Boston.