

[DOCUMENT No. 11 — 1969.]



ANNUAL REPORT
OF THE
FIRE DEPARTMENT
FOR THE YEAR 1968.

Boston, February 1, 1969.

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, 1968.

During the period covered by this document Mr. William J. Fitzgerald was Fire Commissioner from January 1, 1968, to the date of his resignation on November 27, 1968. I was appointed to the office of Fire Commissioner on November 27, 1968.

Respectfully submitted,

JAMES H. KELLY,
Fire Commissioner.

February 1, 1969.

HON. KEVIN H. WHITE,
Mayor of Boston.

DEAR MR. MAYOR:

On receiving my appointment as Fire Commissioner by you on November 27, 1968, I initiated studies by my staff on the problems of the Fire Department encountered during 1968 and the possible solution to such problems.

Problems which required attention were apparatus, fire stations, gas masks, increased work load of the department, increased amount of false alarms, and the lack of community relations and public relations.

As of this date, they are not solved by any means, but action has been taken in many areas.

A Blue Ribbon Committee has been appointed and an automotive engineer retained to assist the department in the writing of specifications for the purchasing of new apparatus. This should eliminate the serious problem we had with apparatus during 1968.

The Public Facilities Department has made a survey of the department's fire stations and has allotted \$182,250 for major repairs that, together with \$77,000 allotted by the Fire Department for emergency and small repairs, should maintain the fire stations adequately until the eight new fire stations which have been authorized are built. As of this date, two such fire stations are expected this year.

Proper gas masks for fire-fighting purposes have always been a problem. The Training Division has attracted the interest of public and private research agencies, and the International Association of Fire Fighters' Union has made it a No. 1 priority. Hopefully, some concrete results will come out of this study.

The work load of the department has increased from 32,211 alarms in 1967 to 42,016 alarms in 1968. Multiple alarms have increased from 184 in 1967 to 201 in 1968. False alarms have increased from 10,882 in 1967 to 14,366 in 1968. This problem is national, and the obvious solution is education for the public which requires money and manpower. Action has been taken by the Fire

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 Boutillier.
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.
1967-1968 John E. Clougherty.

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

Prevention Division on this problem by updating the Fire Prevention Code, education for school children, and enlarging the Fire Prevention Council to bring home the message to private business concerns.

I have created a Community Relations Division to bring the Fire Prevention message to the people by way of the various local community organizations and to work with the various local safety patrols that are being organized to combat the false alarm menace and the harassment problem. Within this division is the Public Relations Officer who will coordinate the department's efforts in this field with the news media.

A special False Alarm Surveillance Team is being enlarged within the Fire Prevention Division. It was successful during 1968 with 125 persons apprehended and 75 prosecuted.

We look forward to greater progress in the coming year and wish to thank you for your continuing cooperation with the Fire Department.

Respectfully,

JAMES H. KELLY,
Fire Commissioner.

In Memoriam

Deaths of Active Members During 1968

January 7

CHARLES W. HOBAN
Fire Fighter, Ladder 20

February 18

JOHN A. GRAHAM
Fire Fighter, Engine 54

March 16

FREDERICK H. STETSON
Fire Fighter, Ladder 11

March 28

ROBERT L. GOULD
Fire Fighter, Engine 28

July 31

ALBERT L. MARLEY
Fire Fighter, Engine 40

August 2

JOSEPH E. KENNEDY
Fire Fighter, Engine 36

August 21

THOMAS F. FALLON
Principal Storekeeper,
Fire Alarm Division

September 14

CHARLES T. DONOVAN
Working-Foreman Lineman and Cable Splicer,
Fire Alarm Division

September 30

JOHN A. FOLEY
Fire Fighter, Engine 53

December 20

JOHN F. FLYNN
Working-Foreman Lineman and Cable Splicer,
Fire Alarm Division

PERSONNEL

**BOSTON FIRE DEPARTMENT
1968**

Fire Commissioner, WILLIAM J. FITZGERALD (To November 26, 1968).

Fire Commissioner, JAMES H. KELLY (From November 27, 1968).

Chief of Department, JOHN E. CLOUGHERTY.

Executive Secretary, WILLIAM D. SLATTERY.

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

Deputy Fire Chief in Charge of Training Division, LEO D. STAPLETON.

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

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

Superintendent of Fire Alarm Division, ALBERT L. O'BANION (To January 31, 1968).

Acting Superintendent of Fire Alarm Division, JAMES E. LAUGHLIN (From January 31, 1968).

Superintendent of Maintenance Division, WALTER J. KEARNEY.

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 — 1968**

“John E. Fitzgerald Medal.”

Awarded to Fire Fighter JOSEPH J. GAFFNEY of the Rescue Pumper Unit.

“Walter Scott Medal for Valor.”

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

“Patrick J. Kennedy Medal of Honor.”

Awarded to Fire Captain JOHN J. HURLEY of the Rescue Pumper Unit.

ROLL OF MERIT — 1968

Fire Fighter WILLIAM E. PERO of Ladder Company 4.

Fire Fighter WALTER G. AUSTIN of Ladder Company 4.

Fire Fighter ARTHUR E. HUTCHINSON of Engine Company 21.

Fire Fighter ROBERT L. MAYHEW of Engine Company 12.

APPOINTMENTS — 1968

(Fire-fighting Division)

DATE	NAME	ASSIGNMENT
January 17	Robert E. Barnes . . .	Ladder Company 21
January 17	Henry J. Belluche . . .	Engine Company 51
January 17	Francis P. Byrne . . .	Ladder Company 11
January 17	Alfred J. Cataldo . . .	Engine Company 9
January 17	John J. Centola . . .	Engine Company 34
January 17	Paul A. Christian . . .	Ladder Company 1
January 17	Robert D. Clarke . . .	Ladder Company 7
January 17	Anthony E. Collins . . .	Engine Company 56
January 17	Edward R. Connolly . . .	Ladder Company 20
January 17	Roger M. Corrigan . . .	Engine Company 33
January 17	Edward J. Dempsey, Jr. . .	Engine Company 24
January 17	Robert A. DeVincent . . .	Rescue Pumper Unit
January 17	Edward C. Doherty, Jr. . .	Ladder Company 26
January 17	James E. Downey . . .	Engine Company 25
January 17	John F. Doyle . . .	Engine Company 28
January 17	William F. Ferrara . . .	Engine Company 56
January 17	Edward J. Finch . . .	Ladder Company 1
January 17	Edward L. Fitzpatrick, Jr. . .	Ladder Company 21
January 17	Peter A. Gailunas . . .	Engine Company 26
January 17	Kevin Golden . . .	Ladder Company 19
January 17	Michael E. Gover . . .	Ladder Company 23
January 17	Lawrence J. Healy . . .	Ladder Company 10
January 17	George P. Hession . . .	Engine Company 52
January 17	David C. Johnson . . .	Engine Company 50
January 17	Paul O. Kelley . . .	Engine Squad 18
January 17	Michael F. King, Jr. . .	Engine Company 4
January 17	John W. MacDonald . . .	Engine Company 28
January 17	Harold G. Magee . . .	Engine Company 51
January 17	Richard B. Magee . . .	Engine Company 33
January 17	John F. Mangano . . .	Engine Company 28
January 17	Robert J. Mansfield . . .	Ladder Company 19
January 17	Juan Matos . . .	Engine Company 5
January 17	Thomas W. Matthews . . .	Ladder Company 29
January 17	James J. McAdams . . .	Engine Company 22
January 17	William E. McGourty . . .	Ladder Company 15
January 17	James F. McLaughlin . . .	Engine Company 32
January 17	James A. McNeil . . .	Ladder Company 1
January 17	Joseph T. McParland . . .	Engine Company 37

DATE	NAME	ASSIGNMENT
January 17	Martin F. Montello . . .	Engine Company 17
January 17	Thomas F. Mortell, Jr. . .	Ladder Company 7
January 17	Neal A. Mullane . . .	Engine Company 21
January 17	William E. Oehlschlagel . . .	Engine Squad 11
January 17	Stephen H. Olszewski . . .	Engine Company 28
January 17	Francis B. Rattigan . . .	Ladder Company 29
January 17	Thomas C. Reardon . . .	Engine Company 24
January 17	Donald R. Reisner . . .	Engine Company 28
January 17	Allan S. Richards . . .	Engine Squad 14
January 17	Francis J. Roumager, Jr. . .	Engine Company 22
January 17	Dennis F. Scannell, Jr. . .	Engine Company 32
January 17	Charles A. Seaboyer . . .	Rescue Pumper Unit
January 17	Robert J. Sullivan . . .	Engine Company 22
January 17	James J. Tucker . . .	Engine Company 32
January 17	Dennis J. Walsh . . .	Engine Company 50
January 17	Francis J. Walton, Jr. . .	Ladder Company 15
January 17	John R. Ward . . .	Engine Squad 29
February 7	William E. Doe . . .	Engine Squad 11
February 7	James F. Flattery . . .	Engine Company 34
February 7	John J. Horgan, Jr. . .	Engine Company 53
February 7	George R. Kelley . . .	Engine Company 56
February 7	James V. Kilroy . . .	Engine Company 50
February 7	Jerry E. Smith, Jr. . .	Engine Company 33
February 7	James V. Sullivan . . .	Engine Squad 11
February 7	Melvin F. Upton . . .	Engine Company 56
February 7	Gerald M. Walsh . . .	Engine Company 56
February 7	Charles R. Warnock . . .	Engine Company 2
May 1	Edward M. Collins . . .	Engine Company 9
May 1	Robert C. DeYoung . . .	Engine Squad 18
May 1	Anthony Donatella . . .	Engine Company 12
May 1	John F. Downey . . .	Engine Company 24
May 1	Daniel A. Ennis . . .	Engine Company 42
May 1	James Fossa . . .	Engine Company 5
May 1	Francis H. Hazelton . . .	Engine Company 24
May 1	John F. Heaney . . .	Engine Company 7
May 1	William J. Hegarty . . .	Engine Company 7
May 1	Thomas J. Hill . . .	Rescue Pumper Unit
May 1	Ronald Holmes . . .	Engine Company 33
May 1	Terrence A. Koen . . .	Engine Company 3
May 1	David B. LeBrun . . .	Engine Company 24
May 1	Paul F. Mahoney . . .	Engine Company 56

APPOINTMENTS — 1968 — Concluded

DATE	NAME	ASSIGNMENT
May 1	Francis J. Manning . .	Engine Company 56
May 1	John L. McKay, Jr. . .	Ladder Company 3
May 1	Lawrence J. Pellegrini . .	Engine Squad 11
May 1	Robert C. Peterson . .	Ladder Company 15
May 1	Richard L. Powers . .	Engine Company 32
May 1	James M. Raftery . .	Engine Company 9
May 1	Richard D. Reynolds . .	Engine Company 28
May 1	Gerard F. Shea . .	Engine Company 22
May 1	Donald E. Smith . .	Engine Company 4
May 1	John J. Sullivan . .	Engine Squad 45
May 1	Robert F. Wieners . .	Engine Company 8
May 1	Paul F. Zemotel . .	Rescue Pumper Unit

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COMPARATIVE FIRE DEPARTMENT
EXPENDITURES

	1967	1968
1. PERSONAL SERVICES		
Permanent employees	\$15,341,726 63	\$16,167,052 38
Overtime	540,856 72	623,012 42
Total Personal Services	\$15,882,583 35	\$16,795,064 80
2. CONTRACTUAL SERVICES		
Communications	\$41,132 92	\$39,380 62
Light, heat, and power	93,324 79	89,417 11
Repairs and maintenance of build- ings and structures	102,288 00	80,912 77
Repairs and servicing of equipment	291,337 10	350,450 96
Transportation of persons	2,567 04	4,215 34
Miscellaneous contractual services	17,193 06	15,944 47
Total Contractual Services	\$547,842 91	\$580,321 27
3. SUPPLIES AND MATERIALS		
Automotive supplies and materials	\$141,706 97	\$156,427 81
Heating supplies and materials	80,795 57	74,596 62
Household supplies and materials	36,010 18	15,189 60
Medical, dental and hospital sup- plies and materials	1,424 53	1,719 72
Office supplies and materials	22,397 18	26,256 63
Miscellaneous supplies and materials	298,581 84	297,702 50
Total Supplies and Materials	\$580,916 27	\$571,892 88
4. CURRENT CHARGES AND OBLIGATIONS		
Other current charges and obliga- tions	\$93,167 11	\$100,073 80
Total Current Charges and Obligations	\$93,167 11	\$100,073 80
5. EQUIPMENT		
Office furniture and equipment	\$13 44	\$0 44
Miscellaneous equipment	25 15	—
Total Equipment	\$38 59	\$0 44
Grand Total	\$17,104,548 23	\$18,047,353 19

FIRE DEPARTMENT REVENUE — 1968

Permits for storage of inflammable fluids, certificates of registration, etc.	\$258,697 54
Commissions from New England Telephone and Telegraph Company	3,884 16
Damage to fire alarm boxes	4,826 45
Rental of fire stations	285 00
Miscellaneous	75 00
Total	\$267,768 15

**FIRE ALARM DIVISION
1968**

NOTE

MULTIPLE ALARM FIRES

	1964	1965	1966	1967	1968
Two Alarms.....	91	103	139	129	138
Three Alarms.....	29	43	40	37	40
Four Alarms.....	11	11	16	14	13
Five Alarms.....	5	9	7	4	10
TOTALS.....	136	166	102	184	201

SUMMARY OF MULTIPLE ALARM FIRES
ACCORDING TO MONTHS OF THE YEAR—1968

MONTH	Two Alarms	Three Alarms	Four Alarms	Five Alarms	Total
January.....	14	4	3	1	22
February.....	14	4	1	2	21
March.....	13	4	0	3	20
April.....	13	4	1	1	19
May.....	16	4	1	1	22
June.....	5	2	0	0	7
July.....	11	6	0	0	17
August.....	10	1	1	0	12
September.....	6	4	2	0	12
October.....	10	2	2	1	15
November.....	12	3	0	1	16
December.....	14	2	2	0	18
TOTALS.....	138	40	13	10	201

ANALYSIS OF STILL ALARMS

	1966	1967	1968
Received from citizens by telephone.....	9,495	9,424	12,393
Received from Police Department.....	1,354	1,397	2,078
Received from Fire Department.....	1,641	1,619	1,877
Boxes received — treated as STILLS.....	373	6,731	14,238
Emergency calls — treated as STILLS.....	3,237	3,097	3,504
Received from Boston Automatic Fire Alarm Division*	397	363	470
Received from A. D. T.*.....	83	98	94
Received from C. P. S.*.....	41	52	85
Received from Hyde Park Alarm System*.....	10	7	17
Received from I. S. A.*.....	0	0	0
GROSS TOTALS.....	16,541	22,788	34,756
DEDUCT			
STILL ALARMS received for which BOX ALARMS were pulled after STILL and BOX ALARMS were trans- mitted.....	104	328	655
STILL ALARMS received for which BOX ALARMS were transmitted.....	5,193	5,517	6,710
NET TOTAL STILL ALARMS (Boston).....	11,244	16,943	27,388
MUTUAL AID ALARMS.....	187	169	254

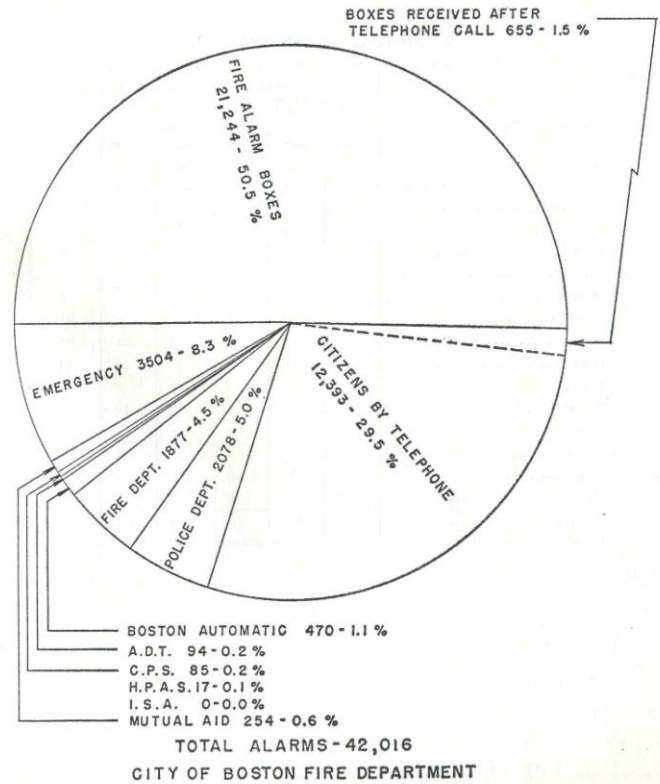
*Does not include alarms received after STILL ALARMS or after CITY BOX ALARMS, in which case no action was taken.

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

ORIGIN OF ALARMS

	1966		1967		1968	
	No.	Percent	No.	Percent	No.	Percent
Box Alarms.....	16,255	49.9	16,085	49.8	21,244	50.5
Citizens by Telephone.....	9,495	29.1	9,424	29.2	12,393	29.5
Boxes Received after Telephone Call.....	104	0.32	328	1.0	655	1.5
Police Department.....	1,354	4.2	1,397	4.3	2,078	5.0
Fire Department.....	1,641	5.0	1,619	5.0	1,877	4.5
Boston Automatic.....	307	0.93	363	1.1	470	1.1
A.D.T.....	—	—	—	—	—	—
C.P.S.....	41	0.12	52	0.2	85	0.2
H.P.A.S.....	10	0.03	7	0.0	17	0.1
I.S.A.....	—	—	0	0.0	0	0.0
Mutual Aid.....	187	0.57	169	0.5	254	0.6
Emergency Calls.....	3,237	9.9	3,097	9.6	3,504	8.3
TOTALS.....	32,610	100.0	32,311	100.0	42,016	100.0

ORIGIN OF ALARMS FOR 1968



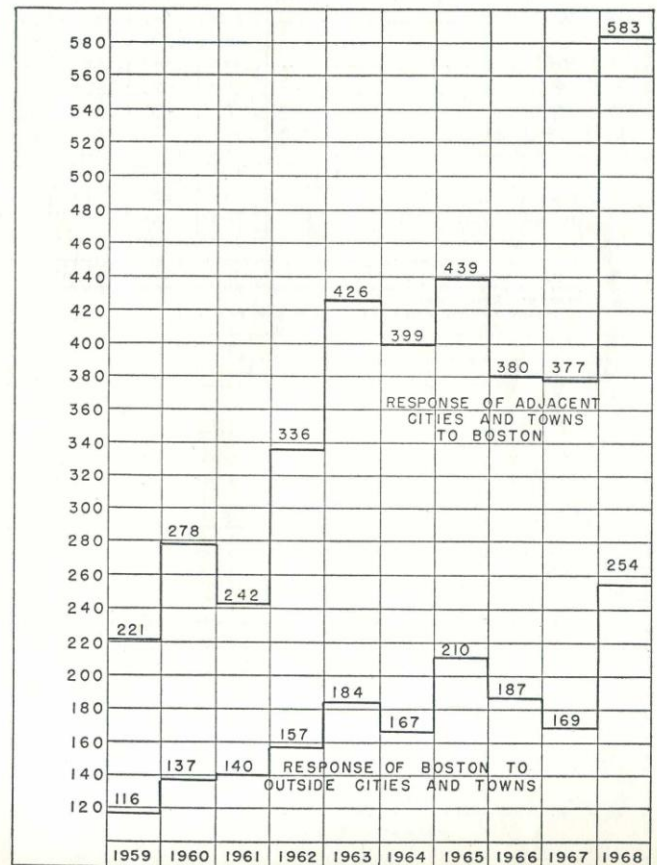
MUTUAL AID ALARMS

	Response of BOSTON to Outside Cities and Towns			Response of Adjacent Cities and Towns to BOSTON		
	1966	1967	1968	1966	1967	1968
Brookline.....	45	48	55	162	214	242
Cambridge.....	18	18	25	26	22	47
Chelsea.....	22	16	25	12	10	28
Dedham.....	11	8	28	32	6	18
Everett.....	1	4	1	7	7	16
Medford.....	1	0	0	0	0	0
Milton.....	5	9	20	7	6	31
Newton.....	13	8	12	37	26	45
Quincy.....	6	0	10	26	24	54
Revere.....	1	0	0	1	2	5
Somerville.....	60	53	70	55	50	59
Watertown.....	1	0	0	1	4	7
Wellesley.....	0	1	0	0	0	0
Weymouth.....	0	0	0	0	0	1
Winthrop.....	3	4	8	22	22	32
TOTALS.....	187	169	254	380	377	583

CITY OF BOSTON - FIRE DEPARTMENT

MUTUAL AID ALARMS

1959 - 1968

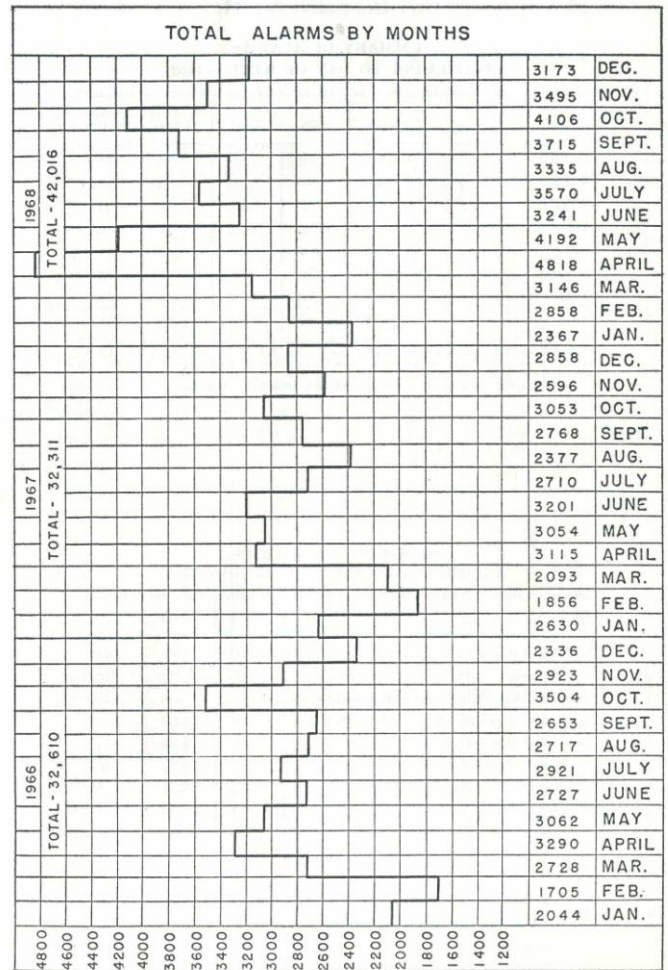


SUMMARY OF ALARMS BY MONTHS

	Boxes	Stills	Totals
January.....	1,481	886	2,367
February.....	1,814	1,044	2,858
March.....	1,489	1,657	3,146
April.....	1,073	3,745	4,818
May.....	1,103	3,089	4,192
June.....	970	2,271	3,241
July.....	1,020	2,550	3,570
August.....	929	2,406	3,335
September.....	879	2,836	3,715
October.....	1,001	3,105	4,106
November.....	923	2,572	3,495
December.....	1,692	1,481	3,173
TOTALS.....	14,374	27,642	42,016

NOTE.—Alarms received from Boston Automatic, A.D.T., C.P.S., H.P.A.S., I.S.A., 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 DAY OF WEEK — 1968**

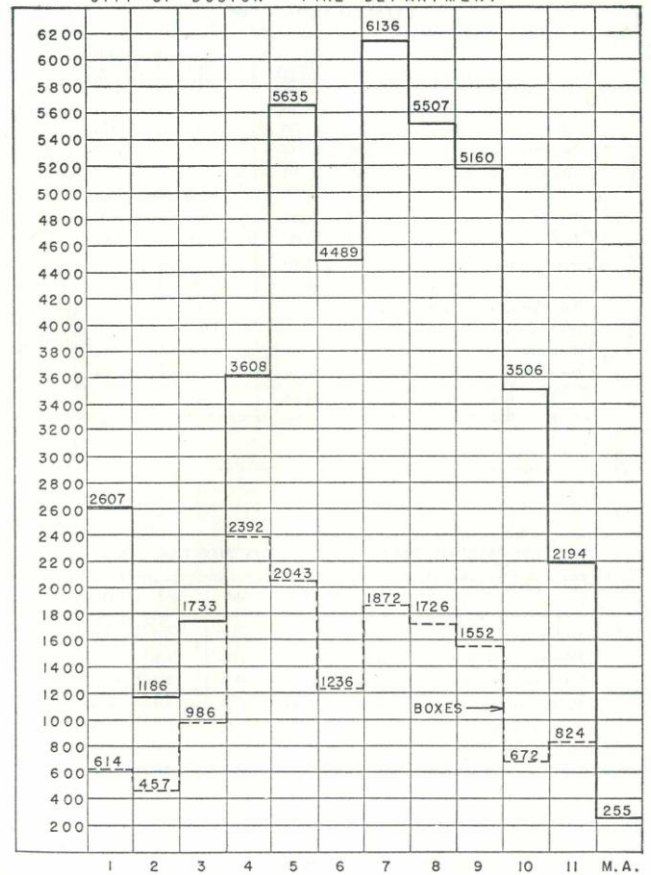
	Boxes	Stills	Total	No. Days In Year	Average Per Day
Monday.....	2,032	3,516	5,548	53	104.7
Tuesday.....	1,988	3,907	5,895	53	111.2
Wednesday.....	1,892	3,629	5,521	52	106.2
Thursday.....	1,950	3,782	5,732	52	110.2
Friday.....	2,127	4,077	6,204	52	119.3
Saturday.....	2,349	4,545	6,894	52	132.6
Sunday.....	2,036	4,186	6,222	52	119.6
TOTALS.....	14,374	27,642	42,016	366	114.7

NOTE.—Alarms received from Boston Automatic, A.D.T., C.P.S., H.P.A.S., I.S.A., 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 — 1968**

No.		BOXES	STILLS	TOTALS
1	East Boston.....	614	1,993	2,607
2	Charlestown.....	457	729	1,186
3	North and West Ends and Business Districts.....	986	747	1,733
4	Business District, South End and Back Bay.....	2,392	1,216	3,608
5	Back Bay and Roxbury.....	2,043	3,592	5,635
6	South Boston.....	1,236	3,253	4,489
7	Roxbury and Dorchester North.....	1,872	4,264	6,136
8	Dorchester.....	1,726	3,781	5,507
9	Jamaica Plain and Roxbury.....	1,552	3,608	5,160
10	Roslindale, West Roxbury and Hyde Park.....	672	2,834	3,506
11	Brighton.....	824	1,370	2,194
TOTALS IN BOSTON.....		14,374	27,387	41,761
MUTUAL AID to Adjacent Cities and Towns.....		—	255	255
TOTALS.....		14,374	27,642	42,016

**ALARMS 1968
ACCORDING TO FIRE DISTRICTS
CITY OF BOSTON - FIRE DEPARTMENT**



FIRE DISTRICTS AND MUTUAL AID

SUMMARY STATISTICS RELATIVE TO PULLED BOXES—
FALSE ALARMS—1968

	Total Boxes Pulled	Pulled Box False	Pulled False Percent of Total Boxes Pulled
January.....	752	498	66.2
February.....	1,162	669	57.5
March.....	891	639	71.7
April.....	2,502	1,374	54.9
May.....	2,467	1,613	65.4
June.....	1,939	1,399	72.2
July.....	1,869	1,098	58.7
August.....	1,807	1,125	62.3
September.....	2,126	1,395	65.6
October.....	2,372	1,649	69.5
November.....	1,921	1,383	71.9
December.....	1,410	943	66.8
TOTALS.....	21,218	13,785	64.9

SUMMARY OF FALSE ALARMS—BY MONTHS—1968

	1966	1967	1968
January.....	567	891	523
February.....	526	566	709
March.....	825	722	1,039
April.....	914	864	1,374
May.....	883	961	1,613
June.....	828	1,099	1,414
July.....	699	1,008	1,111
August.....	767	778	1,140
September.....	868	980	1,416
October.....	1,245	1,154	1,667
November.....	1,173	961	1,396
December.....	760	898	964
TOTALS.....	10,055	10,882	14,366

NUMBER	CITY OF BOSTON - FIRE DEPARTMENT																			
	FALSE ALARMS FOR PAST TWENTY YEARS																			
14,000																				
13,000																				
12,000																				
11,000																				
10,000																				
9,000																				
8,000																				
7,000																				
6,000																				
5,000																				
4,000																				
3,000																				
2,000																				
1,000																				
YEAR	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
2151	2146	2301	2722	2474	2154	2451	3058	3342	3714	4262	4285	4984	5637	5932	7073	7823	10055	10882	14366	

**NUMBER DIFFERENT BOXES PULLED
FOR FALSE ALARMS — 1968**

Box Group	No. Boxes	Box Group	No. Boxes
1200	31	3400	50
1300	27	3500	41
1400	20	3600	47
1500	65	3700	53
1600	37	3800	29
1700	56	4100	43
1800	48	4200	5
2100	55	5100	35
2200	62	5200	22
2300	70	5300	30
2400	53	5400	20
2500	38	6100	53
2600	39	6200	43
2700	35	7100	22
2800	31	7200	36
2900	25	7300	20
3100	42	7400	28
3200	42	7500	0
3300	47		
		TOTAL BOXES	1,400

FALSE ALARM BOXES

Boxes Pulled 10 Times During 1968 (34)—(Total 340 Alarms)

1224	147	1591	1721	1753	1831	2151	2165	12-233
13-2362	2369	2371	2435	2617	3153	3186	3338	3342
3418	3515	3516	3532	3538	3837	4146	4167	4184
5286	6181	6248	6258	7236	7245	7452		

Boxes Pulled 11 Times During 1968 (18)—(Total 198 Alarms)

1724	189	221	2241	2287	2374	2553	3121	323
3328	3624	3827	4121	4125	5197	6178	6238	7227

Boxes Pulled 12 Times During 1968 (14)—(Total 168 Alarms)

1463	1627	1726	1842	188	2148	2171	2243	2389
3155	3331	415	5253	5447				

Boxes Pulled 13 Times During 1968 (17)—(Total 221 Alarms)

1491	1632	12-1787	1895	2224	2335	2438	3175	13-3517
3715	3821	5246	6114	6175	6177	7243	7423	

Boxes Pulled 14 Times During 1968 (25)—(Total 350 Alarms)

12-1563	12-1568	1843	211	2122	2267	2271	2275	2285
2364	2411	2437	3144	3162	3286	3385	3533	3614
4139	4148	4166	6171	6185	7221	7334		

Boxes Pulled 15 Times During 1968 (12)—(Total 180 Alarms)

1523	1526	1564	2262	2273	3156	3332	3375	3535
6118	7424	7442						

Boxes Pulled 16 Times During 1968 (21)—(Total 336 Alarms)

1652	171	2157	219	2296	244	2444	252	3166
3223	3377	3421	3427	352	4164	6161	6162	6182
6217	7163	7332						

Boxes Pulled 17 Times During 1968 (12)—(Total 204 Alarms)

2152	2178	2265	2514	3127	3152	337	5198	5376
6112	7217	7322						

Boxes Pulled 18 Times During 1968 (9)—(Total 162 Alarms)

1589	1678	1744	175	1885	3343	3512	3637	4147
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Boxes Pulled 19 Times During 1968 (4)—(Total 76 Alarms)

3111	3623	6157	7415
------	------	------	------

FALSE ALARM BOXES — 1968

The following Fire Alarm Boxes were pulled for False Alarms 20 or more times during 1968:

Box	Times Pulled	Box	Times Pulled	Box	Times Pulled	Box	Times Pulled	Box	Times Pulled
1541	26	1542	34	1554	22	1614	22	1641	50
1642	22	1651	31	1661	30	1671	53	1673	61
1677	22	1723	29	1734	42	1735	38	1741	28
1754	26	1757	123	176	33	1761	61	1764	66
1766	49	1767	57	1768	88	1773	99	1777	40
1778	65	178	32	1781	67	1782	38	1783	103
1785	52	1787	54	179	39	1792	24	1794	167
1795	29	1796	52	1798	65	181	35	1811	22
1812	55	1813	178	1814	81	1815	79	1816	88
1817	24	1825	21	1837	20	186	24	1866	25
1892	41	2115	44	212	24	2121	23	2125	68
2126	74	2132	39	2133	48	2136	26	2138	34
2139	49	2142	20	2143	22	215	44	2154	23
2159	30	2163	77	2168	43	2172	28	2173	35
2179	26	2181	26	2187	37	2192	39	2196	38
2212	24	2218	26	2219	28	2223	37	2231	54
2232	56	2234	24	2235	53	2236	64	2237	77
2242	21	2246	29	2248	33	2249	31	2252	42
2253	49	2254	47	2261	36	2263	34	2264	65

2266	46	2277	34	2284	34	2286	39	229	25
2291	33	2293	40	2297	36	2361	39	12-2361	21
2362	121	2367	29	2372	20	2378	21	2385	90
2386	83	2388	28	2392	22	2394	28	2439	23
2441	23	2442	31	2446	25	2448	38	2449	28
2534	29	2632	24	3133	23	314	56	3142	25
3151	38	3255	26	3346	46	3352	31	3356	27
3361	41	3364	52	3365	27	3366	109	3367	29
3381	26	3383	31	3387	25	339	24	3393	62
3396	63	3397	35	3422	25	3426	29	3517	27
12-3517	22	3518	43	3524	32	3526	66	3528	39
3536	26	3537	29	3612	24	3616	28	3625	20
3822	21	4145	26	5196	23	6116	25	6117	31
6134	22	6141	23	6152	33	6154	25	6156	33
6163	29	6165	52	6166	40	6168	28	6172	20
6256	21	7151	22	7212	25	7213	118	7215	45
7216	21	722	30	7223	40	7226	28	7241	36
7244	26	7251	30	7263	23	7315	27	7316	20
7321	21	7412	45	7416	33	7418	44		

TOTAL BOXES, 189 — TOTAL FALSE ALARMS, 7,671

SUMMARY OF ALARMS FOR 1968

FROM
 BOSTON AUTOMATIC FIRE ALARM DIVISION
 AMERICAN DISTRICT TELEGRAPH COMPANY
 CALL'S POLICE SIGNAL CORPORATION
 HYDE PARK ALARM SYSTEM
 INSTANT SIGNAL ALARMS

	B.A.	A.D.T.	C.P.S.	H.P.A.S.	I.S.A.	Total
Total alarms transmitted by Company to Fire Department.....	479	94	85	17	0	666
City Box Alarms transmitted after Company Alarm had been transmitted.....	479	94	85	17	0	666
Company Alarm transmitted, No City Box Alarm transmitted.....	0	0	0	0	0	0
Company Alarm treated as STILL ALARM (by telephone), No City Box transmitted.....	0	0	0	0	0	0
Company Alarm received after STILL ALARM or City Box Alarm and therefore Company Alarm not transmitted.....	0	0	0	0	0	0

SUMMARY OF FIRE ALARM BOXES

Total Number of Fire Alarm Boxes in service as of December 31, 1967	2,303
Fire Alarm Boxes installed during period January 1, 1968, to December 31, 1968	26
Fire Alarm Boxes discontinued during period January 1, 1968, to December 31, 1968	13
NET INCREASE IN NUMBER OF FIRE ALARM BOXES	13
TOTAL NUMBER OF FIRE ALARM BOXES IN SERVICE AS OF DECEMBER 31, 1968	2,316

DISTRIBUTION OF FIRE ALARM BOXES
DISTRICTS

District 1	129	District 7	191
District 2	132	District 8	271
District 3	159	District 9	209
District 4	185	District 10	412
District 5	220	District 11	206
District 6	202		

DIVISIONS

Division 1	807
Division 2	1,509

FIRE ALARM BOXES INSTALLED IN 1968

DATE	BOX	DISTRICT	LOCATION
Jan. 5	12-178	9	George Wayne Rest Home, 35 Holborn Street
Jan. 30	12-2294	9	Elizabeth Carleton House, 2055 Columbus Avenue
Feb. 12	14-1572	4	Prudential Fairfield Apartment Building, 790 Boylston Street
Feb. 12	13-1572	4	Prudential Boylston Apartment Building, 780 Boylston Street
Feb. 12	15-1572	4	Prudential Apartment Garage, 780-790 Boylston Street
Mar. 20	12-5177	11	Hahnemann Hospital, 1515 Commonwealth Avenue
Mar. 25	12-2872	10	Star of David Nursing Home, 1100 Veterans of Foreign Wars Parkway
April 25	12-3771	10	Parkwell Nursing Home, 745 Truman Highway
May 21	2962	10	Glenhaven and Joyce Kilmer Roads
May 21	18-1481	4	11 Nassau Street, Nurse House, New England Medical Center
May 27	2968	10	Glenhaven and Glenellen Roads
June 3	2966	10	Fairlane and Glenellen Roads
June 3	2967	10	Fairlane Road and New Haven Street
June 27	12-2164	9	W. L. P. Boardman School, 29 Hazelwood Street
Aug. 15	17-1572	4	Gloucester Apartments, 770 Boylston Street
Aug. 16	14-2332	5	Boston Bouve School, 65 Forsyth Street
Aug. 23	6227	1	Brandywyne Drive, opposite Brandywyne Terrace
Aug. 23	6228	1	Brandywyne Drive, opposite No. 231
Aug. 23	6229	1	Brandywyne Drive and Saratoga Street
Aug. 23	16-233	5	New England University, Chemistry Building, St. Botolph Street
Sept. 17	12-1352	3	Shriner's Hospital for Crippled Children, 50 Blossom Street
Sept. 30	12-5496	11	Overlook Nursing Home, 10 Bellamy Street
Oct. 16	16-1572	4	Garage Under, Gloucester Apartments, 770 Boylston Street
Nov. 8	14-2351	5	Shields Warren Research Laboratories Building, 50 Binney Street
Nov. 15	13-2865	10	Sophia Ripley Portable School, 295 Temple Street
Nov. 20	12-1259	3	City Hall, 1 City Hall Square

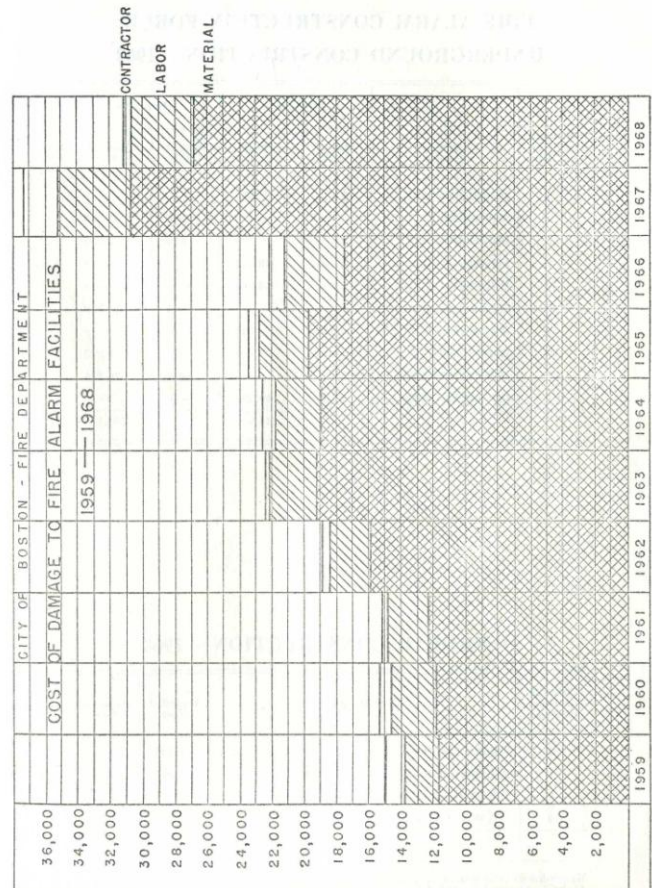
FIRE ALARM BOXES REMOVED IN 1968

DATE	BOX	DISTRICT	LOCATION
Jan. 5	14-1573	5	Gil-Bane Company Project, 750 Boylston Street
Mar. 7	1297	3	Oliver and Purchase Streets
May 17	12-6113	1	Randall-Faichney Corporation, 299 Marginal Street
May 21	7118	6	Freight Houses 6, 7, and 8 Congress Street, N. Y., N. H. & H. R. R.
June 27	2163	9	Hazelwood Street, opposite Hazelwood Court
July 25	1817	6	Pumping Station, Mt. Vernon Street East
Aug. 5	176	7	Savin and Tupelo Streets
Aug. 5	2277	9	Slayton Way and Ritchie Street
Aug. 9	2154	9	Walnut Avenue and Dale Street
Aug. 9	3515	8	Stratton Street, opposite Lyford Street
Aug. 9	2152	5	Rockland Street, opposite Rockland Avenue
Dec. 31	7212	6	West Sixth and B Streets
Dec. 31	14-1563	4	Uptown Theatre, 239 Huntington Avenue

During the year 1968 there were 276 different incidents in which Fire Alarm Facilities were damaged by street construction or struck and damaged by automobiles and trucks, covering 208 different Fire Alarm Boxes.

	1966	1967	1968
Number of separate incidents.....	217	261	276
Boxes struck 2 times.....	24	32	34
Boxes struck 3 times.....	2	3	11
Boxes struck 4 times.....	0	2	0
Boxes struck 5 times.....	0	1	1
Number of different Fire Alarm Boxes involved	178	210	208
Test Boxes—Cable Boxes.....	9	3	6
Underground Duct Damaged.....	2	0	0
Damaged by unknown persons.....	152	194	217

	1966	1967	1968
Cost of labor.....	\$3,013 03	\$4,480 80	\$3,880 06
Cost of material.....	17,571 00	30,836 97	26,903 62
Contractor.....	1,028 36	2,112 48	273 40
TOTAL COST OF DAMAGE.....	\$22,212 39	\$37,430 25	\$31,056 48



**FIRE ALARM CONSTRUCTION FORCE
UNDERGROUND CONSTRUCTION — 1968**

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....	1,470	5,880	—	—
4	Rubber-lead.....	—	—	340	1,360
6	Rubber-lead.....	—	—	670	2,820
7	Polyethylene P.V.C....	4,510	18,040	—	—
10	Polyethylene P.V.C....	5,480	54,800	—	—
10	Rubber-lead.....	—	—	1,955	19,550
19	Polyethylene P.V.C....	3,160	60,040	—	—
19	Rubber-lead.....	—	—	275	5,225
80	Polyethylene P.V.C....	—	—	941	76,221
91	Polyethylene P.V.C....	1,200	109,200	—	—
	TOTALS.....	15,820	247,960	3,981	105,176

OVERHEAD CONSTRUCTION — 1968

NUMBER OF CON- DUCTORS	Type of Cable	Installed Feet	Removed Feet
4	Polyethylene P.V.C.....	6,245	—
7	Polyethylene P.V.C.....	1,800	—
-9	T.B.W.P.....	—	7,200
-10	T.B.W.P. Copperweld.....	860	—
	TOTALS.....	8,905	7,200

Knockdowns attended to.....	276
Multiple Alarms Responded to.....	35
Fire Alarm Boxes installed to replace defective and/or obsolete movements...	50
Fire Alarm Boxes installed into Fire Alarm System.....	26
Aerial Construction on Poles; Transfers, removals, installations, etc.....	247 Poles

**FIRE PREVENTION DIVISION
1968**

**ANNUAL REPORT OF DAILY RECEIPTS—
FIRE PREVENTION DIVISION—1968**

MONTH	Licenses	Permits	Miscellaneous Permits (Bates)	Totals (Receipts)
January.....	—	\$9,736 57	\$460 00	\$10,196 57
February.....	\$75 00	13,853 87	333 00	14,251 87
March.....	20,194 00	21,167 12	395 00	41,756 12
April.....	50,676 50	6,283 40	381 50	57,341 40
May.....	7,578 00	6,697 47	317 50	14,592 97
June.....	3,510 50	12,311 16	309 00	16,130 66
July.....	2,361 00	30,404 71	209 50	32,975 21
August.....	229 50	15,916 61	285 00	16,431 11
September.....	1,073 00	13,676 36	407 00	15,156 36
October.....	223 00	11,288 81	470 35	11,982 16
November.....	13 00	8,681 48	385 00	9,079 48
December.....	—	18,610 94	400 67	19,011 61
Totals.....	\$85,933 50	\$168,628 50	\$4,353 52	\$258,915 52

COMPLAINTS RECEIVED AT FIRE PREVENTION DIVISION—1968

Month	Telephone	Counter	Leaves					Med. Air Poll.	Health & Hospitals Dept.	Building Dept.	Total
			Complaints Division	Housing Imp. Dept.	Public	Complaints Division	Housing Imp. Dept.				
January.....	82	1	—	13	—	—	13	1	—	—	96
February.....	143	5	10	9	4	14	9	—	—	—	181
March.....	94	3	4	13	6	19	13	—	—	—	133
April.....	107	3	6	3	6	12	3	2	—	1	134
May.....	143	5	4	5	4	20	5	—	—	3	180
June.....	84	3	3	6	3	6	12	—	—	6	114
July.....	96	2	3	2	3	14	2	—	1	—	118
August.....	128	5	9	25	3	25	13	—	—	—	180
September.....	111	3	3	15	3	15	7	—	—	—	139
October.....	172	5	2	16	2	16	10	3	—	1	209
November.....	58	1	7	15	1	15	4	—	—	—	85
December.....	70	1	2	2	2	2	6	—	—	—	81
Totals.....	1,288	37	53	158	53	158	97	5	—	11	1,652

ORDERS ISSUED, AND CONDITIONS REFERRED TO OTHER DEPARTMENTS—1968

Form 65a

Month	Abatement Orders	Service Orders	Building Dept.	Housing Insp. Dept.	Dept. of Public Safety	Real Property Div.	Public Works Dept.	Dept. of Public Fac.	Health & Hospitals Dept.	School Dept.	Traffic Dept.	Water Dept.	Total
January	129	—	54	6	1	—	1	—	—	—	—	—	191
February	238	5	47	4	—	—	1	—	—	—	—	—	296
March	119	7	64	5	1	—	—	—	1	—	—	1	198
April	109	10	39	6	—	—	1	—	—	—	—	1	167
May	315	9	81	5	—	1	—	—	—	—	—	—	411
June	191	3	71	6	—	1	—	—	—	—	—	—	271
July	103	13	40	1	—	—	—	—	—	—	—	—	157
August	133	3	55	2	—	—	—	—	—	—	—	—	193
September	150	—	51	2	—	—	—	—	—	1	—	—	203
October	168	11	57	3	2	2	—	—	—	—	—	—	244
November	70	5	31	5	—	—	—	—	—	—	—	—	111
December	53	9	37	1	—	—	—	2	1	1	—	—	104
Totals	1,778	75	627	46	4	4	3	2	2	2	2	2	2,547

INSPECTION FORCE

Number of inspections made	25,866
Number of complaints received—telephone	1,288
Number of complaints received—Complaints Division	158
Number of complaints received—Housing Inspection Department	97
Number of complaints received—letter	53
Number of complaints received—person	37
Number of complaints received—Building Department	11
Number of complaints received—Metropolitan Air Pollution	3
Number of abatement orders issued	1,395
Number of reinspections made	5,244
Number of corrections made	2,458

PLACES OF ASSEMBLY

Places of assembly inspected	2,858
Number of corrections made	865
Number of abatement orders issued	16
Certificates of analysis approved	75
Certificates of flameproofing approved	55

SCHOOL INSPECTORS

Number of schools visited	525
Approximate number of pupils lectured on Fire Prevention (all visits)	44,360

OFFICE FORCE

Number of complaints received—telephone	1,288
Number of complaints received—Complaints Division	158
Number of complaints received—Housing Inspection Department	97
Number of complaints received—letter	53
Number of complaints received—person	37
Number of complaints received—Building Department	11
Number of complaints received—Health and Hospitals Department	5
Number of complaints received—Metropolitan Air Pollution	3
Abatement orders received from companies	353
Permits issued	1,297

Form 65s:

Building Department	627
Housing Inspection Department	46
Department of Public Safety	4
Real Property Division	4
Public Works Department	3
Department of Public Facilities	2
Health and Hospitals Department	2
School Department	2
Traffic Department	2
Water Department	2

OIL INSPECTOR

Inspections	624
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INSPECTIONS BY FIRE COMPANY OFFICERS AND FIRE FIGHTERS

In-Service Inspections	
Building Inspections	5,696
Violations found	193
Violations corrected during inspection	80
Abatement Order issued	105
Locations where Fuel Oil Permit was not posted	18
Locations where required licenses or permits were not posted	55
Form 65s forwarded to other departments	32
Reinspections	36
Corrections found on reinspection	12
Noncompliance found on reinspection	9
Total Inspections and Reinspections	5,732
Officers' weekly building inspections	1,269
	<hr/> 7,001

FIRE DEPARTMENT

ANNUAL REPORT, ARSON SQUAD — 1968

Undetermined fires	536
Suspicious fires	56
Incendiary fires	8
Causes given but investigated	194
Deaths	53
Injuries	70
Multiple alarms	200
Arrests	42
Municipal Court cases	34
Municipal Court convictions	15
Superior Court cases	5
Superior Court convictions	5
Gas odors and oil leaks investigated	212
Investigations	121
Bomb scares	128

CASUALTY REPORT AND CAUSE

	INJURY	DEATH
Boy playing with matches	0	1
Careless smoking	21	12
Clothing ignited by gas stove flame	0	1
Defective electric wiring	0	1
Defective stove	1	0
Electrical manhole flash fire	2	0
Embers on clothing	1	0
Explosion	0	1
Flammable fluids	2	0
Gas oven in bakery	1	0
Ignition of gasoline vapors	1	0
Ignition of mastic	2	0
Improper use of gasoline	2	0
Matches	1	0
Mental patient	1	0
Roosevelt Hotel	16	9
Smoking in bed	0	10
Soldering torch	1	0
Space heater	1	0
Suspicious	0	1
Undetermined	17	17
Total	<hr/> 70	<hr/> 53

ANALYSIS OF FIRES IN BUILDINGS* FOR YEAR 1968

Construction of Buildings	
Fire-resistive	221
Second-class	902
Third-class	1,100
Other type	70
Total	<hr/> 2,293

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

ANALYSIS OF FIRES IN BUILDINGS*
FOR YEAR 1968—Concluded

Point of Origin	
Basement	364
First floor	758
Second floor	395
Third floor	311
Above the third	186
Roof	30
Outside	249
Total	<u>2,293</u>

Extent of Fire	
Confined to point of origin	1,544
Confined to buildings	637
Extended to other buildings	112
Total	<u>2,293</u>

Causes of Fires in Buildings — 1968

Chimneys, soot burning	3
Defective chimney	23
Sparks from chimney on roof	4
Defectively installed heater	11
Rubbish near heater	6
Hot ashes	1
Fuel oil burners	74
Starting fires — kerosene or gasoline	0
Careless smoking	936
Children and matches	252
Other careless use of matches	17
Defective wiring	103
Electric appliances and motors	94
Home dry cleaning	3
Flammable liquids near flame	11
Kerosene lamps, stoves	1
Grease, food on stove	51
Clothes, furniture too near fire	13
Spontaneous ignition	27
Fireworks	0
Thawing water pipes	6
Sparks from machines	14
City gas and appliances	18
Miscellaneous known causes	176
Malicious mischief	37
Incendiary or suspicious	171
Unknown	241
Total	<u>2,293</u>

Outside Fires	
Rubbish	10,713
Dump	79
Brush or grass	4,685
Other outdoor	2,942
Marine	14
Automobile	3,166
Total	<u>21,599</u>
Rescue (emergency calls)	3,504
Out of the city calls	254

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

TRAINING DIVISION

1968

ANNUAL REPORT FOR 1968

The primary function of the Personnel and Training Division is 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.

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 prevention, and fire extinguishment. In a department such as ours, this entails a program comprehensive enough to cover all phases of modern day fire fighting and the employment of this information and training to a total number approximating almost two thousand men.

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

A. AVAILABLE FACILITIES

1. Fire Academy, Moon Island
2. Drill Tower, Engine Squad 29, Brighton
3. Drill Tower, Engine 2, South Boston
4. Pump Test Pit, Headquarters
5. Memorial Hall, Headquarters
6. Training Division Office, Headquarters

B. DEPARTMENT DRILLING AND TRAINING PROGRAMS

This division developed, formulated, and conducted 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.

Due to seasonal weather conditions, training activities are separated into two phases: cold weather and temperate weather programs. The cold weather phase covered the following subjects:

1. Masks
 - a. Chemox—Gas

b. Fresh Air—30-minute type—MSA

A comprehensive training program was carried out on this type mask, as 1968 was the first year in which this department used these masks.

2. Hydrant Thawing Devices
3. Resuscitators, Inhalators
4. Special Equipment
5. Officers' Training Course
6. Generators
7. Pump Operating Procedures—Old and New Apparatus
8. Aerial Ladder Operation—Old and New Apparatus
9. High Pressure Hydrants
10. Red Cross First Aid
11. Driver Safety Program
12. Radiological

The temperate weather phase included the following subjects:

1. Review of Drafting Operations—Old and New Apparatus
2. Probationers' Training
3. Diesel Driver Training
4. Water Procurement Procedures—Deer Island
5. Water Main Cleaning and Relining Project—Charlestown
6. Diesel Training Program
7. Tools and Appliances
8. Temporary Hydrants
9. Water Tower Driving and Tilling
10. Ladder Pipes
11. Jacking up of MBTA Trains for Rescue Purposes
12. Drilling and Evaluation—New Type M. S. A. Air Masks

It is absolutely essential that personnel of our department be taught, trained, and continuously reviewed on the essential tasks facing them in the fire service.

C. PROBATIONERS' TRAINING

This division exercises control over the new members during their probationary period of six months. During the past year, ninety-one men were appointed and became permanent members of this department. The new appointees were 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 to be complied with, and the type of work expected of them in drill school and in the fire company to which they were assigned.

Upon appointment, they were assigned to this division for basic training in the fundamentals of fire fighting as follows:

1. Raising, lowering, dogging, climbing ladders, etc.
2. Classes of fire and extinguishing agents used
3. Ventilation practices
4. Fire extinguishers
5. Handling hose and running lines over ladders
6. Rope slides, life belts, knots, etc.
7. Use and operation of fire hydrants
8. Various fire company operations
9. Use of gas masks
10. Pump operations
11. Rescue equipment
12. Operation of equipment, tools, and appliances
13. First aid and artificial respiration
14. Safe driving practices
15. Radiation hazards in fire fighting
16. Fire prevention, fire code, and inspections

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

In addition, procedures were commenced and steps taken to institute an on-the-job training program for fire fighters of this department who are Vietnam veterans.

D. FIRE COLLEGE

During the past year, a course of instruction was conducted at the fire academy for officers of this department promoted to the rank of captain and lieutenant who had not previously attended a course of this type. Approximately four hundred officers (including newly promoted) attended this course which included the following subjects:

1. Pumps
2. Sprinklers and Supervisory Systems
3. Utilities (Gas, Electric, Oil)
4. Rescue Company Equipment
5. Diesel Engines
6. Air Masks and Cascade System
7. Foam
8. Jacking Up Trains — MBTA
9. Miscellaneous subjects including fire prevention, rest homes, schools, hospitals, sl ylights, Sonaguard, etc.

E. SURVEYS

Annual surveys, inspections, and tests were 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.

During the past year, the following surveys were conducted by this division:

1. Masks and Canisters — New Type Chemox and Fresh Air
2. Hydrant Thawing Devices
3. Resuscitators
4. Special Equipment (Hand Tools, Appliances, Ropes, Etc.)
5. Generators
6. Hydrant Inspection and Servicing Program
7. Fire Extinguishers — Public Buildings, Schools, Hospitals, and Other City-owned Property
8. Water Supply Depletion in Selected Areas

SURVEYS — Concluded

9. Nozzles, Ladder Paws, Swivels, and Other Moving Connections
10. Pumpers for Drafting Purposes — New and Old
11. Apparatus
12. Permanent and Stationary Deck Guns
13. Explosimeters
14. Ladders
15. Wheatlights and Wheatlight Belts

F. TRAINING OUTSIDE ORGANIZATIONS, HOSPITALS, ETC.

Facilities have been made available at the fire academy for the training of personnel of surrounding city and town fire departments, the armed services, various industrial groups, security agencies, and municipal organizations in the fundamentals of fire fighting and the protection of property.

Training programs have also been provided for maintenance and operating personnel of various large hospitals in the City of Boston in basic fire safety and the use of fire detection and protective devices. During the past year, personnel from the Boston City Hospital, Massachusetts General Hospital, and Peter Bent Brigham Hospital have participated in courses at our fire academy.

Nursing groups of hospitals and nursing homes have also been given a specially arranged course in first aid, fire protection, rescue, and evacuation procedures. This type of program entails the visiting of the various hospitals and nursing homes by teaching personnel from this division.

This division formulates and conducts programs of teaching and training in basic fire safety for schools for maintenance, faculty, and student personnel. These courses have been conducted both at the academy and in the actual school classrooms and assembly halls of schools. During the past year, the Boston State Teachers' College and Boston University were visited.

G. FIRE ACADEMY

During the past year, the following units were installed at the fire academy:

1. A compressor and cascade system for use in the re-filling of air cylinders for the new type air masks which were introduced in this department.
2. The CO₂ unit which was moved to the academy from Engine 37 at no cost to the city, for the re-charging and replacement of CO₂ and dry chemical extinguishers.

H. APPARATUS AND EQUIPMENT

Specifications are drawn up by this division for new fire apparatus purchased by this department. During the past year, thirteen new pumpers and four new ladder trucks equipped with diesel motors, hydramatic transmissions, etc., were purchased by this department as per specifications.

Specifications for an aerial platform were drawn up by this division.

Specifications for the new type thirty-minute air masks were also drawn up by this division.

The work of converting an old vehicle into a communications van, rebuilding of an Ansul unit, and converting an old unit into a spare rescue pumper unit was accomplished by this division.

The work of equipping new apparatus purchased last year prior to its being put into service was accomplished by this division.

In conjunction with the Maintenance Division, the designing and installation of protective enclosures on pumping engines was also accomplished by this division.

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.

I. RESEARCH

During the past year, this division conducted research programs on a suitable type mask and fire coats for fire fighters.

The Personnel and Training 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.