

CITY OF BINGHAMTON

BINGHAMTON FIRE BUREAU

2012



Chief Daniel L. Thomas

Mayor Matthew T. Ryan



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March 2013

Dear Honorable Mayor Matthew T. Ryan,

It is my privilege to provide the City of Binghamton Fire Department Annual Report for the year ending December 31st, 2012 for your consideration.

The Binghamton Fire Department responded to a broad range of emergency situations in 2012. From multiple fires, with two tragic fires with fatalities, to the numerous medical emergencies in our community, we responded to over 9100 emergency calls in 2012. In April, a house fire on Park Street resulted in a loss of a resident, despite getting him to the hospital for care. In November, another house fire turned deadly, with the loss of a civilian who was overcome before firefighters arrived on the scene.

The Fire Department accomplished the vast majority of its 2012 goals for ensuring public safety. At our BFD Training Facility and mobile fire training unit, we hosted joint training sessions with mutual aid fire departments. We continued to run an aggressive public education campaign and were diligent in city wide inspections. We continue with our weekly EMS training classes and fire training refresher classes for the department members. These actions align with our mission to continue to have our firefighters/medics in a constant state of readiness by keeping them well-trained and well-equipped so that they are ready to respond to emergency situations with as safe and successful an outcome as possible.

The ISO Accreditation rating of the fire department is conducted every ten years and 2012 was our year to be rated. I am pleased to report we maintained our high Class 2 rating from this insurance rating group. This was quite an accomplishment given that there are only 24 Class 2 ratings given throughout the 2517 communities in New York State. (There are only two Class 1 ratings in NYS.) This is also noteworthy given the difficult current economic times.

Our Fire Department was awarded the FEMA Staffing for Adequate Fire and Emergency Response (SAFER) Grant in 2011 and it was completed at year end 2012. The total funding value from that grant was \$1.3 million dollars for those eight new firefighter positions. In 2012 we were awarded a FEMA grant for two new boat motors for water rescue and we were awarded a Homeland Security grant for twelve new SCBAs for almost \$70,000 in grants.

We also participated in a Broome County emergency preparedness exercise, mandated by Homeland Security, across multiple agencies (police, fire, health, hospitals, etc) whereby a table top exercise produced an emergency scenario with input from all these numerous agencies. This was then presented to the City and Broome County leadership. This is an ongoing activity.

Additionally, it should be noted that recovery from the flood of 2011 continued throughout 2012 and our Training Facility completed repair and reconstruction from all its flood damage.

The Fire Department was actively involved in community events. We provided mutual aid for Super Storm Sandy by sending needed resources to the metro New York area for an extended period of time. We continue to work with the interns from the Binghamton University Leadership Program where they are exposed to the leadership techniques and styles used by the Fire Department. Once again, through their generosity, the Fire Department was the leader in donations for the City's annual United Way campaign. The Binghamton Firefighters Benevolent Association continues to be very active in the community raising funds for numerous local charities.

I wish to extend my gratitude to the members of the BFD for their dedication and professionalism, which continues to be the trademark of the members of the Binghamton Fire Department. I would also like to thank the Mayor, City Council, the City management team, community service groups and local businesses for their support.

Daniel L. Thomas
Binghamton Fire Chief

MISSION STATEMENT

We will provide the “City of Binghamton” and its citizens with FIREFIGHTER/EMTs and FIREFIGHTER/PARAMEDICS trained to the highest and most progressive level of skill, to protect and serve our community with the utmost professionalism.

A FIREMAN'S PRAYER

*When I am called to duty, God
Wherever flames may rage,
Give me strength to save some life
Whatever be its age.
Help me embrace a little child
Before it is too late
Or save an older person from
The horror of that fate.
Enable me to be alert and
hear the weakest shout
And quickly and efficiently
To put the fire out.
I want to fill my calling and
To give the best in me,
To guard every neighbor and
Protect his property.*

AMEN

BRIEF HISTORY OF THE BINGHAMTON FIRE DEPARTMENT

As with most of America's Fire Departments, Binghamton's began in 1834 as a volunteer organization. On May 3rd of that year, the trustees of the village voted to establish and organize fire and hook and ladder companies. By June 30th, sixteen citizens had accepted appointments. After a somewhat dubious beginning, the village purchased the first real piece of firefighting equipment in June of 1835. Eight hundred dollars was raised to purchase a small "button" hand powered fire engine. An additional \$250.00 was spent to buy land and erect an engine house on the present site of the Broome county Court House Square.

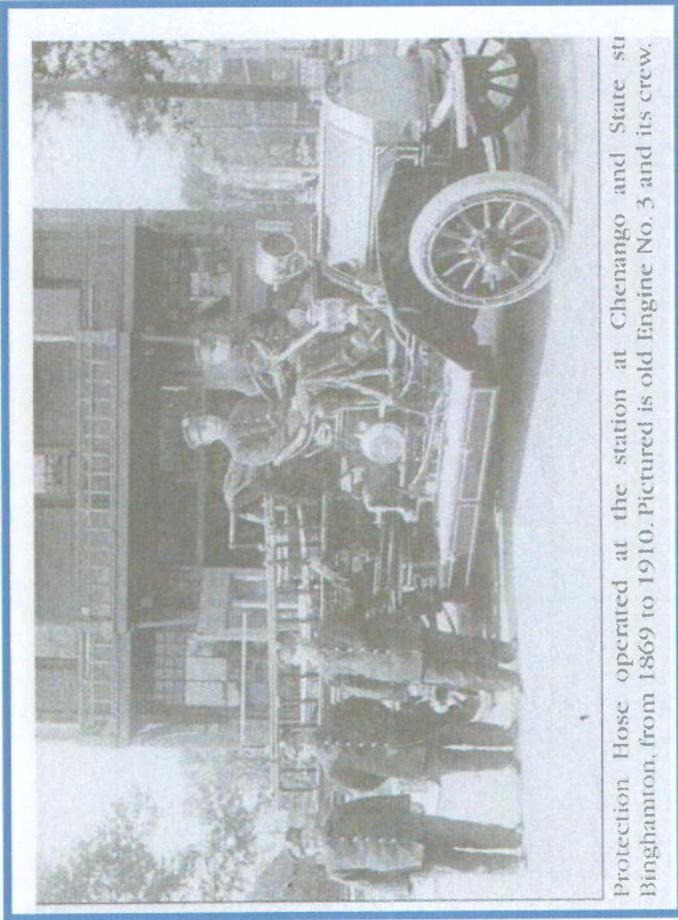
The Village of Binghamton continued to grow and consequently the fire load, necessitating the formation of additional volunteer companies. The loosely organized companies then began electing a Chief annually, with the first recorded Chief being Peter Miller elected in 1842. Two years after Binghamton obtained status as a City in 1867, The City of Binghamton Fire Department was formed under the leadership of Chief Erastus R. Campbell. On October 1, 1911 the Department became fully paid with a contingent of 91 officers and firefighters and with Charles N. Hogg as the Chief. The department continued to grow in size and modernized with motor driven apparatus. The horse drawn equipment was phased out by 1922. With the building of the station at 259 Conklin Avenue in 1929, the department reached its maximum size of 186 men operating nine engine companies, three truck companies and one heavy rescue company out of nine stations.

The department remained relatively unchanged until the late 1950s when the population began shifting to the rural areas of the county. Although the department began to downsize in relation to Binghamton's shrinking population, the scope of its operation expanded. In September of 1981 the ambulance was transferred from the Police Department to the Fire Department. In addition to providing ambulance service, a "First Responder" program was initiated. By having cross-trained firefighter/E.M.Ts responding from each station and in addition to the ambulance, medical assistance began reaching patients in approximately three minutes of the 911 call. To meet the growing needs of the City, the Hazardous Material Response Team began operations in May of 1988. In 1996, the EMS Program was upgraded to provide ALS level of service. Initially, twelve firefighters were trained as paramedics.

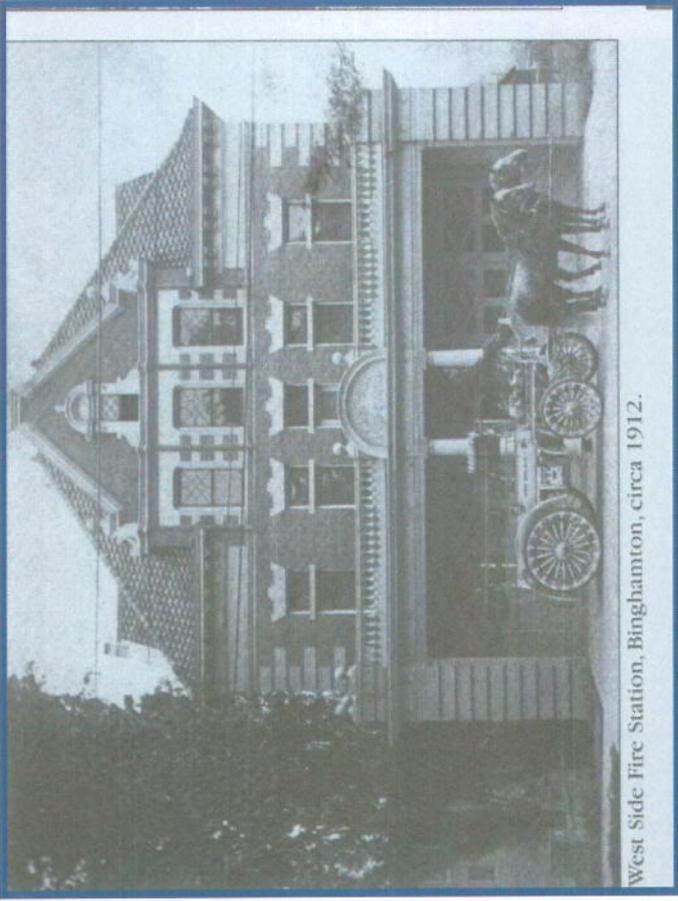
After almost thirty years of trying to develop a suitable training site, the Bureau was finally able to secure the necessary funding and property to realize this dream. The dedication was held on June 15, 2001 at 1 Belden St. The facility was named in honor of Training Instructor James Sullivan, who was killed in the line of duty on November 10, 1962.

Today's department has evolved into a modern multifaceted emergency response force providing firefighting, emergency medical services, hazardous materials and rescue coverage. If the emergency isn't directly to law enforcement, it is the Fire Department's job to provide assistance.

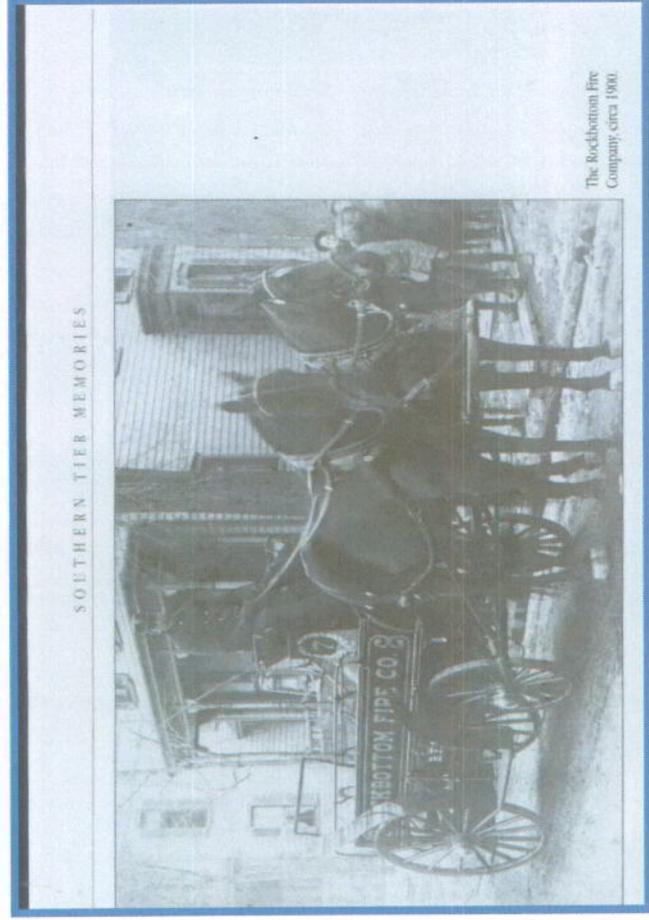
The "Mission Statement" developed by the firefighters demonstrates their enthusiasm and commitment in providing that most basic and important of all municipal responsibilities -- Public Safety. Since 1914 nineteen members have given their lives in the line of duty fulfilling this "Mission"



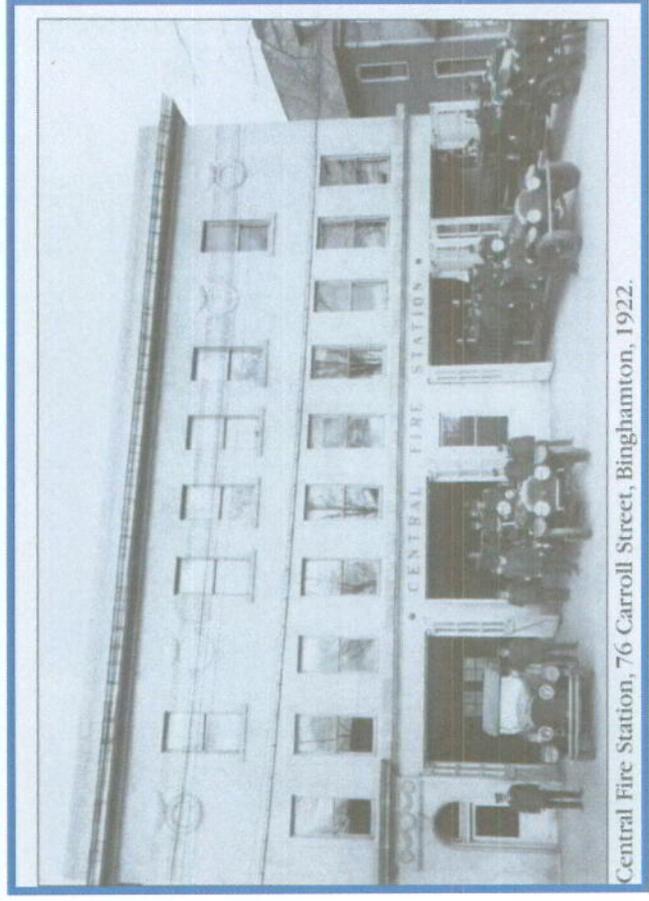
Protection Hose operated at the station at Chenango and State streets Binghamton, from 1869 to 1910. Pictured is old Engine No. 3 and its crew.



West Side Fire Station, Binghamton, circa 1912.



The Rockbonn Fire Company circa 1900.



Central Fire Station, 76 Carroll Street, Binghamton, 1922.

DEPARTMENT ORGANIZATION

CHIEF DANIEL L. THOMAS

2012

CHIEF DANIEL L. THOMAS

CHIEF, BINGHAMTON FIRE BUREAU

FIRE MARSHAL DANIEL EGGLESTON

FIRE PREVENTION

DEPUTY CHIEF BRIAN O'LOUGHLIN

"C" SHIFT COMMANDER

ASSISTANT CHIEF LAWRENCE OSTANEK

"A" SHIFT COMMANDER

ASSISTANT CHIEF MARK WHALEN

"B" SHIFT COMMANDER

ASSISTANT CHIEF STEPHEN FAUGHNAN

"D" SHIFT COMMANDER

ASSISTANT CHIEF RICHARD ALLEN

TRAINING INSTRUCTOR

CAPT. JOHN COLLING

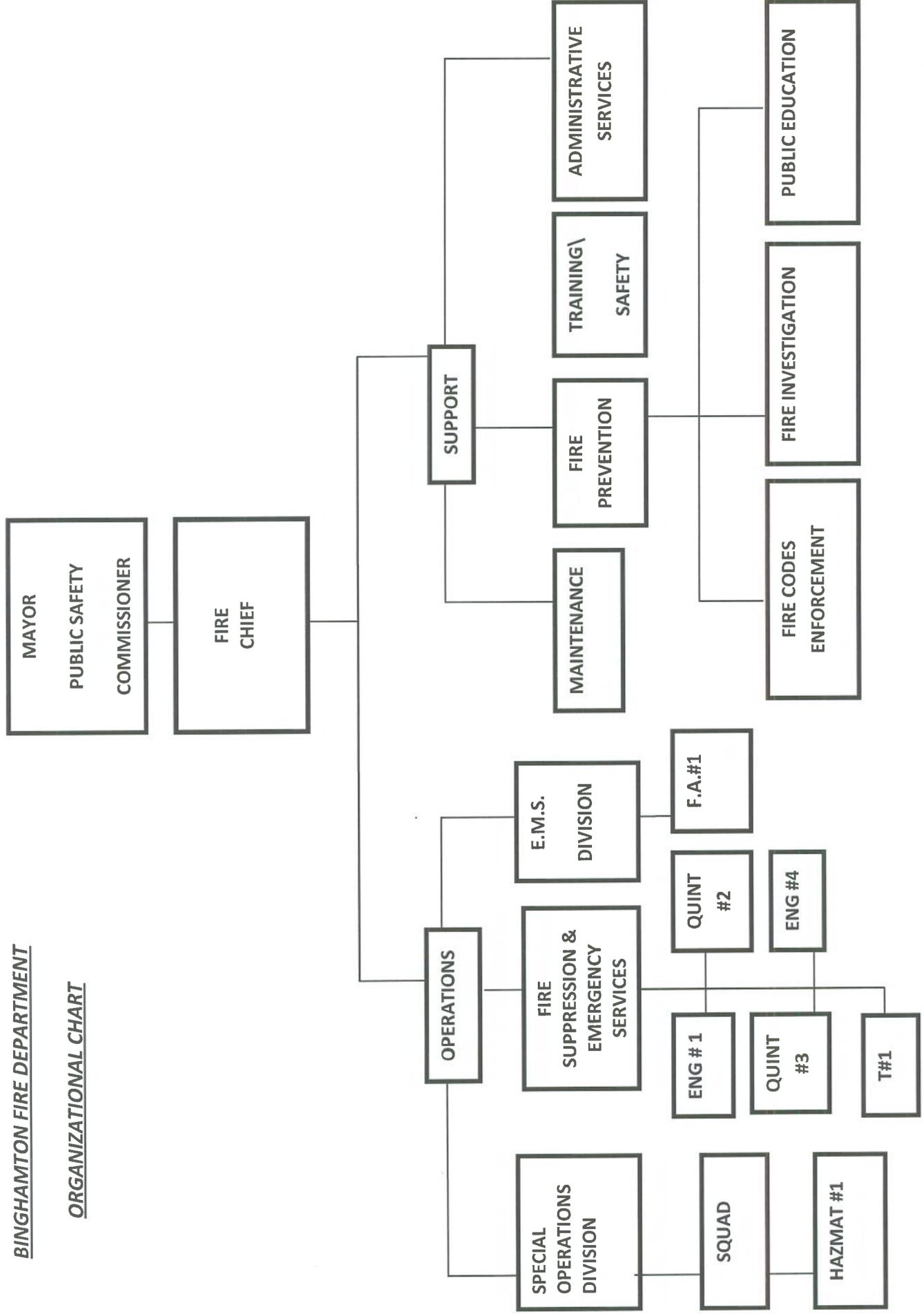
*E. M. S. COORDINATOR
E. M. S. OPERATIONS*

DOUGLAS MEGILL

*GENERAL EQUIPMENT FOREMAN
REPAIR OF APPARATUS AND
EQUIPMENT*

BINGHAMTON FIRE DEPARTMENT

ORGANIZATIONAL CHART



**CITY OF BINGHAMTON
BUREAU OF FIRE – 2012
PERSONNEL FOR EACH POSITION CLASSIFICATION**

TITLE	ACTUAL (FILLED)	AUTHORIZED (BUDGETED)
UNIFORM:		
Fire Chief	1	1
Fire Deputy Chief	1	1
Fire Marshal	1	1
Fire Assistant Chief	3	3
Fire Training Instructor	1	1
Fire Captain	9	9
Fire Lieutenant	19	20
Firefighter	82	86
Total Uniform:	117	122
Civilian		
General Equipment Foreman	1	1
Program Assistant	1	1
Senior Typist	1	1
Total Civilian:	3	3
Total:	120	125

SUMMARY

	UNIFORM	CIVILIAN
ACTIVE	113	3
SAFER GRANT	8	
Permanently Disabled	3	0
Temporarily Disabled	1	0
Unfilled Positions 2012	2	0
Month(# of Retirements & Resignations)		
2012		
Jan (1)Aug(1)		

2012 HIGHLIGHTS

RETIREMENTS

Lt John Shine
Thomas Dillon
Peter Fitzpatrick
Gary Quick
Patrick Eggleston
Robert Connerton
William Yanowiak

SECTION ONE

OPERATIONS DIVISION



**FIRE HEADQUARTERS
38 HAWLEY STREET**

Alarms by Time of Day

Binghamton Fire Department

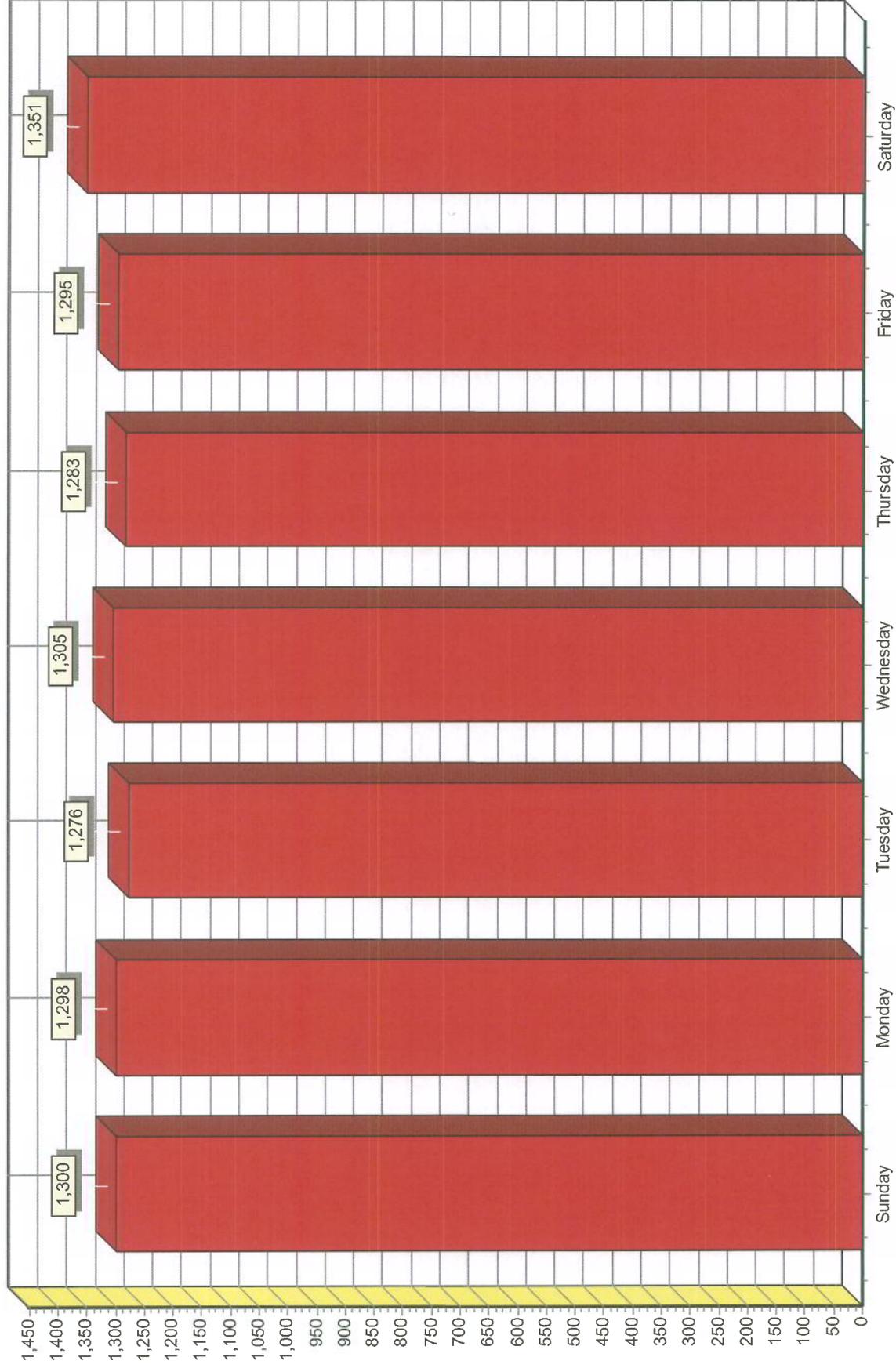
Date Range: From 01/01/2012 to 12/31/2012

Time of Day	Call Count
00:00 - 00:59	316
01:00 - 01:59	296
02:00 - 02:59	268
03:00 - 03:59	247
04:00 - 04:59	205
05:00 - 05:59	172
06:00 - 06:59	193
07:00 - 07:59	259
08:00 - 08:59	348
09:00 - 09:59	421
10:00 - 10:59	406
11:00 - 11:59	429
12:00 - 12:59	452
13:00 - 13:59	441
14:00 - 14:59	476
15:00 - 15:59	549
16:00 - 16:59	487
17:00 - 17:59	488
18:00 - 18:59	540
19:00 - 19:59	484
20:00 - 20:59	421
21:00 - 21:59	412
22:00 - 22:59	434
23:00 - 23:59	364
Total Alarms	9,108

Alarms by Day of Week

Binghamton Fire Department

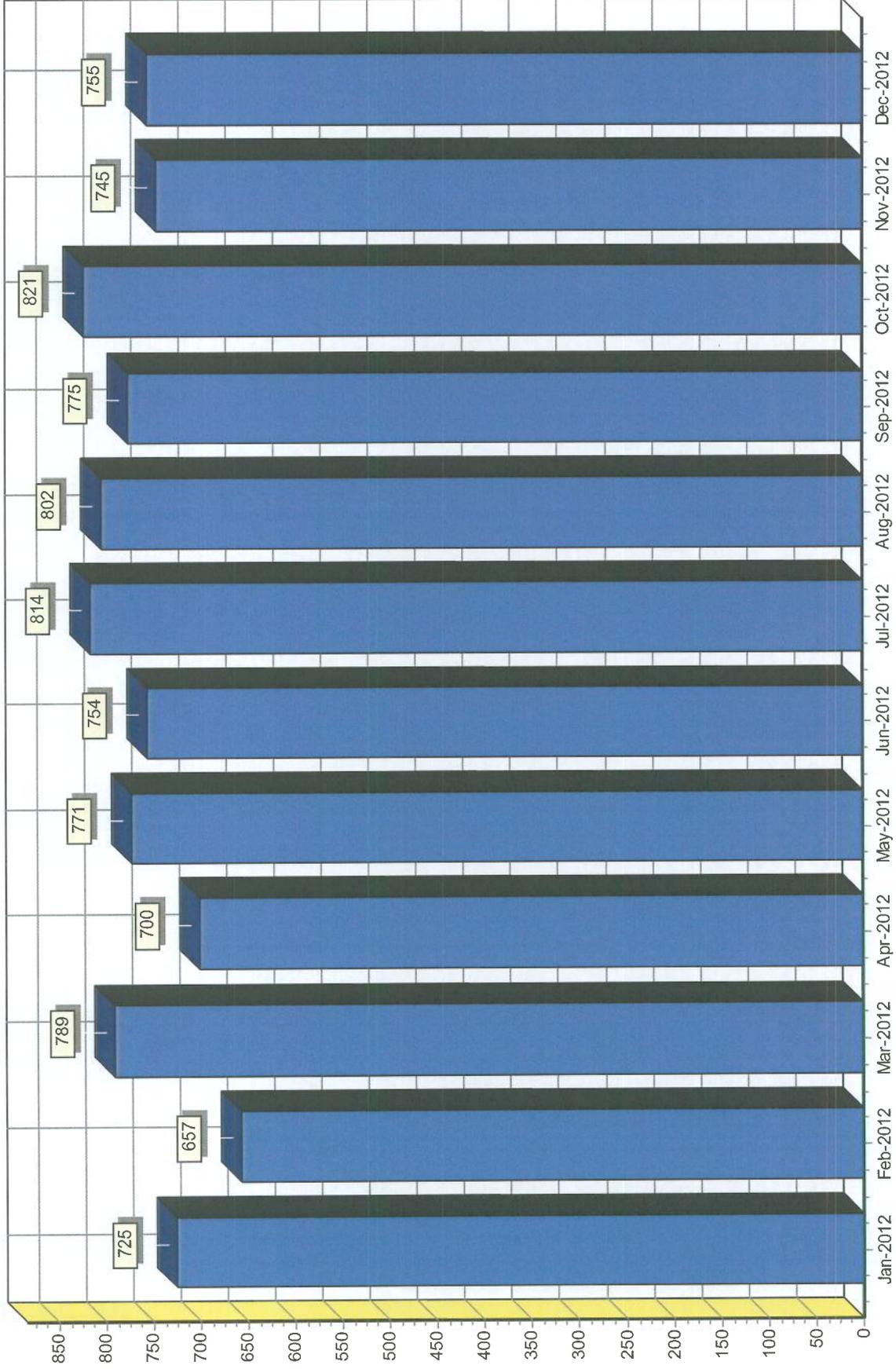
Date Range: From 01/01/2012 to 12/31/2012



Date Range: From 01/01/2012 to 12/31/2012

Alarms by Month of Year

Binghamton Fire Department



Manpower Analysis by Incident

Binghamton Fire Department

Date Range: From 01/01/2012 to 12/31/2012

Incident Type	Incident Count	Number Attended	Average Attended	Total Length (hrs)	Average Length (hrs)	Average Man Hours	Total Man Hours
100-Fire, other	6	83	13.83	4.20	0.70	10.56	63.35
111-Building fire	67	1,223	18.25	97.16	1.45	29.65	1,986.73
113-Cooking fire, confined to container	16	221	13.81	6.55	0.41	5.72	91.50
114-Chimney or flue fire, confined to chimney or flue	3	55	18.33	2.51	0.84	15.61	46.83
116-Fuel burner/boiler malfunction, fire confined	1	13	13.00	0.30	0.30	3.90	3.90
117-Commercial Compactor fire, confined to rubbish	1	20	20.00	2.56	2.56	51.20	51.20
118-Trash or rubbish fire, contained	1	5	5.00	0.55	0.55	2.75	2.75
130-Mobile property (vehicle) fire, other	1	3	3.00	0.10	0.10	0.30	0.30
131-Passenger vehicle fire	17	93	5.47	10.28	0.60	4.04	68.71
132-Road freight or transport vehicle fire	3	29	9.67	6.12	2.04	23.62	70.87
133-Rail vehicle fire	1	3	3.00	1.11	1.11	3.33	3.33
140-Natural vegetation fire, other	23	83	3.61	7.32	0.32	1.64	37.78
142-Brush or brush-and-grass mixture fire	11	47	4.27	4.41	0.40	1.69	18.60
143-Grass fire	2	7	3.50	1.26	0.63	2.15	4.29
150-Outside rubbish fire, other	6	32	5.33	1.75	0.29	1.27	7.63
151-Outside rubbish, trash or waste fire	20	83	4.15	7.47	0.37	1.79	35.84
154-Dumpster or other outside trash receptacle fire	11	40	3.64	4.66	0.42	2.04	22.48
155-Outside stationary compactor/compacted trash fire	1	3	3.00	0.49	0.49	1.47	1.47
160-Special outside fire, other	2	7	3.50	1.28	0.64	2.21	4.42
200-Overpressure rupture, explosion, overhear other	3	9	3.00	1.50	0.50	1.50	4.50
210-Overpressure rupture from steam, other	1	3	3.00	0.47	0.47	1.41	1.41
211-Overpressure rupture of steam pipe or pipeline	2	17	8.50	1.03	0.52	4.44	8.87
243-Fireworks explosion (no fire)	19	70	3.68	20.60	1.08	4.10	77.88
251-Excessive heat, scorch burns with no ignition	55	530	9.64	20.71	0.38	4.48	246.46
300-Rescue, EMS incident, other	78	263	3.37	42.78	0.55	1.68	130.71
311-Medical assist, assist EMS crew	114	330	2.89	54.86	0.48	1.31	148.88
320-Emergency medical service incident, other	111	359	3.23	59.04	0.53	1.62	179.95
321-EMS call, excluding vehicle accident with injury	6,709	23,183	3.46	4,122.81	0.61	2.03	13,642.08
322-Motor vehicle accident with injuries	117	530	4.53	82.12	0.70	3.44	402.57
323-Motor vehicle/pedestrian accident (MV Ped)	28	114	4.07	10.72	0.38	1.71	47.81
324-Motor vehicle accident with no injuries.	33	139	4.21	18.31	0.55	2.32	76.51
331-Lock-in (if lock out , use 511)	2	6	3.00	0.79	0.40	1.19	2.37
350-Extrication, rescue, other	6	31	5.17	2.85	0.48	2.54	15.26
351-Extrication of victim(s) from building/structure	1	3	3.00	0.18	0.18	0.54	0.54
352-Extrication of victim(s) from vehicle	4	28	7.00	2.84	0.71	4.63	18.50
353-Removal of victim(s) from stalled elevator	9	79	8.78	4.11	0.46	3.52	31.67
360-Water & ice-related rescue, other	6	70	11.67	8.59	1.43	17.75	106.47
363-Swift water rescue	1	12	12.00	1.24	1.24	14.88	14.88

Incident Type	Incident Count	Number Attended	Average Attended	Total Length (hrs)	Average Length (hrs)	Average Man Hours	Total Man Hours
381-Rescue or EMS standby	3	7	2.33	28.97	9.66	25.62	76.87
400-Hazardous condition, other	13	39	3.00	6.76	0.52	1.90	24.75
410-Combustible/flammable gas/liquid condition, other	4	12	3.00	1.11	0.28	0.83	3.33
411-Gasoline or other flammable liquid spill	8	24	3.00	3.80	0.48	1.57	12.52
412-Gas leak (natural gas or LPG)	81	276	3.41	40.41	0.50	1.77	143.28
4121-Natural Gas Leak (No leak found)	78	239	3.06	24.68	0.32	1.00	77.95
413-Oil or other combustible liquid spill	1	3	3.00	0.27	0.27	0.81	0.81
421-Chemical hazard (no spill or leak)	1	4	4.00	0.31	0.31	1.24	1.24
422-Chemical spill or leak	3	16	5.33	2.86	0.95	6.28	18.85
424-Carbon monoxide incident	13	42	3.23	7.63	0.59	1.84	23.88
440-Electrical wiring/equipment problem, other	25	240	9.60	9.88	0.40	3.90	97.47
441-Heat from short circuit (wiring), defective/worm	3	37	12.33	1.19	0.40	4.79	14.37
442-Overheated motor	6	75	12.50	3.98	0.66	10.19	61.16
443-Breakdown of light ballast	2	23	11.50	1.82	0.91	10.21	20.42
444-Power line down	23	93	4.04	16.96	0.74	3.40	78.30
4441-Phone/cable line down	50	160	3.20	12.15	0.24	0.78	38.91
445-Arcing, shorted electrical equipment	24	106	4.42	13.18	0.55	3.41	81.84
460-Accident, potential accident, other	1	3	3.00	0.22	0.22	0.66	0.66
461-Building or structure weakened or collapsed	4	14	3.50	4.27	1.07	4.05	16.21
462-Aircraft standby	2	12	6.00	3.40	1.70	10.20	20.40
463-Vehicle accident, general cleanup	3	12	4.00	1.81	0.60	2.35	7.06
471-Explosive, bomb removal (for bomb scare, use 721)	3	10	3.33	7.04	2.35	8.41	25.24
480-Attempted burning, illegal action, other	2	22	11.00	0.84	0.42	6.70	13.40
481-Attempt to burn	5	34	6.80	3.40	0.68	2.27	11.33
482-Threat to burn	1	16	16.00	0.90	0.90	14.40	14.40
500-Service Call, other	13	53	4.08	5.79	0.45	2.19	28.51
510-Person in distress, other	4	20	5.00	2.16	0.54	3.02	12.06
511-Lock-out	1	5	5.00	0.31	0.31	1.55	1.55
520-Water problem, other	14	51	3.64	6.65	0.48	1.77	24.71
521-Water evacuation	1	3	3.00	0.62	0.62	1.86	1.86
522-Water or steam leak	40	141	3.53	24.19	0.60	2.18	87.09
531-Smoke or odor removal	40	282	7.05	16.27	0.41	2.99	119.68
540-Animal problem, other	1	3	3.00	0.21	0.21	0.63	0.63
541-Animal problem	1	3	3.00	0.42	0.42	1.26	1.26
542-Animal rescue	5	18	3.60	1.18	0.24	0.80	3.98
550-Public service assistance, other	8	24	3.00	3.62	0.45	1.36	10.86
551-Assist police or other governmental agency	16	53	3.31	6.54	0.41	1.54	24.61
552-Police matter	2	6	3.00	0.38	0.19	0.57	1.14
553-Public service	4	16	4.00	0.99	0.25	0.92	3.69
554-Assist invalid	10	32	3.20	3.37	0.34	1.18	11.80
555-Defective elevator, no occupants	2	18	9.00	0.34	0.17	1.53	3.06

Incident Type	Incident Count	Number Attended	Average Attended	Total Length (hrs)	Average Length (hrs)	Average Man Hours	Total Man Hours
561-Unauthorized burning	30	167	5.57	11.12	0.37	2.60	77.90
571-Cover assignment, standby, moveup	97	48	0.49	134.82	1.39	0.98	94.76
600-Good intent call, other	43	187	4.35	11.08	0.26	1.17	50.31
611-Dispatched & canceled en route	173	326	1.88	10.64	0.06	0.14	24.91
621-Wrong location	9	28	3.11	0.84	0.09	0.31	2.82
622-No incident found on arrival at dispatch address	24	88	3.67	5.11	0.21	0.83	19.90
631-Authorized controlled burning	8	118	14.75	1.24	0.16	2.22	17.75
641-Vicinity alarm (incident in other location)	1	9	9.00	0.27	0.27	2.43	2.43
650-Steam, other gas mistaken for smoke, other	14	148	10.57	2.87	0.21	2.38	33.27
651-Smoke scare, odor of smoke	25	172	6.88	7.85	0.31	2.08	52.09
652-Steam, vapor, fog or dust thought to be smoke	13	101	7.77	4.44	0.34	3.13	40.67
653-Smoke from barbecue, tar kettle	8	24	3.00	1.45	0.18	0.54	4.35
671-HazMat release investigation w/no HazMat	16	51	3.19	7.86	0.49	1.21	19.39
700-False alarm or false call, other	45	180	4.00	11.43	0.25	1.08	48.76
710-Malicious, mischievous false call, other	2	12	6.00	0.55	0.28	2.03	4.05
711-Municipal alarm system, malicious false alarm	2	7	3.50	0.48	0.24	0.81	1.62
713-Telephone, malicious false alarm	4	43	10.75	0.62	0.16	1.83	7.30
714-Central station, malicious false alarm	10	53	5.30	2.79	0.28	1.40	14.04
715-Local alarm system, malicious false alarm	1	9	9.00	0.10	0.10	0.90	0.90
721-Bomb scare - no bomb	1	6	6.00	2.91	2.91	17.46	17.46
730-System malfunction, other	42	210	5.00	12.80	0.30	1.54	64.89
731-Sprinkler activation due to malfunction	6	22	3.67	3.25	0.54	1.91	11.49
732-Extinguishing system activation due to malfunction	1	5	5.00	0.33	0.33	1.65	1.65
733-Smoke detector activation due to malfunction	69	343	4.97	22.31	0.32	1.58	109.02
734-Heat detector activation due to malfunction	7	41	5.86	2.42	0.35	1.69	11.85
735-Alarm system sounded due to malfunction	22	100	4.55	8.72	0.40	1.87	41.19
736-CO detector activation due to malfunction	40	130	3.25	13.81	0.35	1.12	44.83
740-Unintentional transmission of alarm, other	36	217	6.03	9.66	0.27	1.45	52.19
741-Sprinkler activation, no fire - unintentional	5	27	5.40	1.88	0.38	2.40	11.98
743-Smoke detector activation, no fire - unintentional	177	1,009	5.70	47.71	0.27	1.56	276.42
744-Detector activation, no fire - unintentional	48	281	5.85	15.28	0.32	1.92	92.22
745-Alarm system activation, no fire - unintentional	67	344	5.13	17.72	0.26	1.33	88.79
746-Carbon monoxide detector activation, no CO	34	117	3.44	12.08	0.36	1.23	41.75
800-Severe weather or natural disaster, other	2	15	7.50	100.15	50.07	599.55	1,199.10
813-Wind storm, tornado/hurricane assessment	10	19	1.90	1.06	0.11	0.30	3.02
900-Special type of incident, other	1	4	4.00	1.06	1.06	4.24	4.24
911-Citizen complaint	2	6	3.00	0.37	0.19	0.55	1.11
Blank. Incident Type not Entered	0	0	0.00	0.00	0.00	0.00	0.00
Total and Averages for all Incident Types	9,108	34,740	3.81	5,375.59	0.59		21490.86

Mutual Aid Incidents

Binghamton Fire Department

Date Range: From 01/01/2012 to 12/31/2012
 Sorted by: Not selected

Agency	Date	Incident#	###	Address	Occupant	Type	Mutual Aid Type
04001	01/24/2012	2012-000543	15	FRANCIS ST		Arcing, shorted electrical equipment	Mutual aid given
04001	02/18/2012	2012-001101	1012	UPPER FRONT ST		Cover assignment, standby, moveup	Automatic aid given
04001	03/07/2012	2012-001561	17	MYGATT ST		Building fire	Automatic aid received
04001	04/04/2012	2012-002262	33	PHELPS ST		Building fire	Mutual aid given
04001	04/12/2012	2012-002423	769	STATE ST		Building fire	Mutual aid given
04001	05/05/2012	2012-002985	32	SUSQUEHANNA RIVER		Water & ice-related rescue, other	Automatic aid given
04001	07/13/2012	2012-004710	1827	PIERCE CREEK RD		Authorized controlled burning	Mutual aid given
04001	07/15/2012	2012-004759	4135	ST CLAIR RD		Extrication, rescue, other	Mutual aid given
04001	07/22/2012	2012-004946	18	LINK DR		Building fire	Mutual aid given
04001	08/12/2012	2012-005508	1915	HAWLEYTON RD		Building fire	Automatic aid given
04001	10/17/2012	2012-007224	1793	HAWLEYTON RD		Extrication of victim(s) from vehicle	Mutual aid given
04001	10/21/2012	2012-007310	15	MYGATT ST		Building fire	Automatic aid received
04001	11/05/2012	2012-007623		NY CITY-NASSAU-SUFFOLK		Severe weather or natural disaster, other	Mutual aid given
04001	12/26/2012	2012-008970	9	FAIRVIEW AV		Building fire	Mutual aid received
		Mutual aid received	1				
		Automatic aid received	2				
		Mutual aid given	8				
		Automatic aid given	3				
		Other aid given	0				
		Total	14				

Manpower by Month

Binghamton Fire Department

Date Range: From 01/01/2012 to 12/31/2012

Time of Day	Number of Calls	Length of Calls (Hrs)	Man Power Attendance	Man Power (Hours)
January	725	351.9	2,754	1,435.03
February	657	329.5	2,542	1,261.66
March	789	367.5	3,071	1,541.81
April	700	350.1	2,599	1,361.72
May	771	369.3	2,898	1,374.17
June	754	659.9	2,896	2,138.64
July	814	417.4	3,121	1,824.30
August	802	668.2	2,974	2,528.39
September	775	363.0	2,949	1,415.10
October	821	424.7	3,099	1,628.95
November	745	637.9	2,767	3,148.69
December	755	453.2	2,855	1,751.27
Totals	9,108	5,392.4	34,525	21,409.75

SECTION TWO

FIRE PREVENTION DIVISION



FIRE ADMINISTRATION
38 HAWLEY ST.

FIRE MARSHAL'S OFFICE

2012 REPORT

1. FIRE PREVENTION OFFICE

The Fire Prevention staff is comprised of the Fire Marshal, Assistant Fire Marshal, and two Fire Prevention Inspectors/Investigators. Our mission is to educate the community about the benefits of proper safety practices and identify and eliminate all types of hazardous conditions which pose a threat to life, the environment and property. The main focus of our office is to protect the residents of the City of Binghamton by enforcing the New York State Fire Code. We also strive to keep them safe by teaching Fire Prevention. In addition, the responsibility for the investigation of all fires falls on the members of the Fire Prevention staff. By year's end, Fire Prevention conducted hundreds of inspections of various buildings in the City including but not limited to public & private schools, hospitals, churches, senior housing, senior centers, day care centers, hotels & places of public assemblies. All Fire Prevention officers attended numerous training classes and seminars throughout 2012 and by doing so retained their New York State required certification.

2. FIRE CODE COMPLIANCE

In 2012, we continued our expanded effort to achieve an increased degree of compliance with all City of Binghamton and N.Y. State mandated requirements, particularly **"life safety"** items (i.e., smoke detector, sprinkler & exiting requirements). The Fire prevention staff is the enforcement arm of the Fire Code and follows up on all inspections to be sure code compliance is met. In conjunction with the inspections conducted by the staff, the on line firefighters

(Engine & Truck companies) also inspect commercial building in their response territory and thereby reduce and/or eliminate existing fire & life safety hazards. These inspections increase the “fire suppression” company’s knowledge of the layout and construction of commercial buildings in their districts. This information is crucial in assisting them in fire suppression tactics should a fire occur in that building. This updated information is also entered into our Red Alert software and available on the laptop computers in each fire truck & fire engine. Over 400 such inspections were conducted in 2012, resulting in the elimination of many “serious” hazardous conditions which would, more than likely, have eventually caused structure fires. The objective for this office is to utilize our unique accessibility privilege to assure that New York State Fire Code compliance has been met and exceeded.

3. PUBLIC EDUCATION

The Binghamton Fire Department (through the Fire Prevention office) provides numerous “Public Education” lectures throughout the year as a means of communicating beneficial fire safety information. The Fire Prevention personnel are assisted by line companies for demonstrations whenever possible. In addition to our normal school district program, additional lectures/demonstrations are presented by line officers on a voluntary basis. Over 50 of these presentations were given at schools, day-care centers, senior centers, community organizations, workplaces, hospitals, etc.

4. FIRE INVESTIGATIONS

Among the varied and crucial functions of the Fire Prevention office, “Fire/Arson Investigations” are one of the top priorities. Every fire in the City of Binghamton, which is not of obvious cause, is referred to an officer from the Fire Marshal’s office (Fire Prevention). A complete and thorough investigation is then done to

determine cause and origin. In 2012 seventy nine such investigations were completed some resulting in arson arrests. In addition our office had two fatal fire investigations this year. All members of the Fire Prevention office are Level 2 fire investigators (highest level available in New York State) and were recertified in 2012. Our office works in conjunction with the Binghamton Police Department & District Attorney's office to expose arsonists and put them in jail. While fire investigations are time consuming, low profile and sometimes dirty work, I am proud of the professionalism and dedication of the investigators in the Fire Prevention office.

5. ELIMINATION OF UNNECESSARY RESPONSE

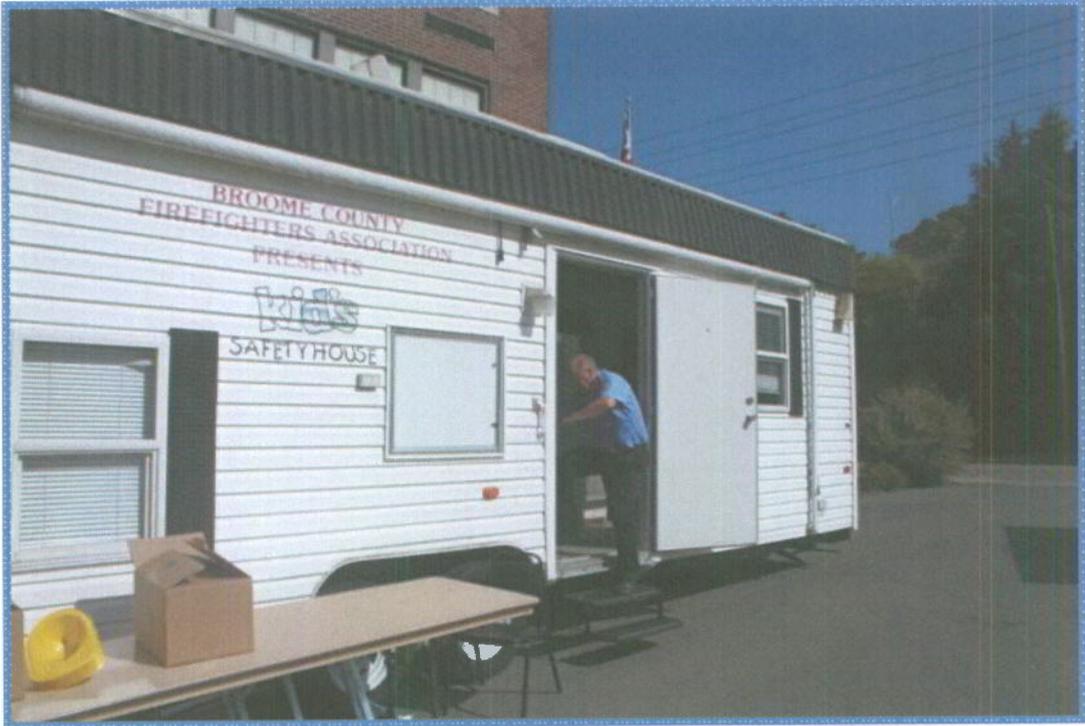
The continued efforts of Fire Prevention personnel to work with the owners and managers of establishments with defective or poorly designed alarm systems to upgrade and/or repair such systems has lowered unnecessary responses. Any decrease in unnecessary Fire Department response saves wear and tear on equipment and also increases the availability of personnel and apparatus for legitimate requests for assistance.

6. SPECIAL NOTE

The desired result of all Fire Prevention Programs is to protect and preserve life and property. Most, if not all fires are preventable. The Fire Department, as a whole, does not rest on the success of these mentioned accomplishments, but instead concentrates on any/all issues that affect the degree of life safety and security of the citizens of our community.

Daniel Eggleston
Fire Marshal

FIRE PREVENTION



SPECIAL REQUESTS

SCHOOLS

SAFETY TOWN

DISCOVERY CENTER



SECTION THREE

SPECIAL OPERATIONS

DIVISION



QUINT #3
39 W. STATE STREET

**City of Binghamton Fire Bureau
Special Operations Response Units
2012 Annual Report**

The Heavy Rescue and Hazardous Materials Units of the Binghamton Bureau of Fire continued to provide the City of Binghamton with the highest professional quality of emergency response in these fields. In order to stay current with modern trends and maintain critical skill levels, training was conducted on a daily basis. Members trained to safely mitigate emergencies in confined space rescue, explosive environments, hazardous materials, high and low angle rope rescue, elevator rescue, collapse rescue, vehicular extrication and water and ice rescue.

During the course of 2012, Q 21-3/Haz-Mat 21 and Squad 21, which make up the Special Operations Unit, continued joint training exercises with the Broome County Hazardous Materials Team. Monthly training sessions were held at various field sites including the Sullivan Training Center and where hazardous materials are stored or are in use in the daily work environment. Subjects of training included topics such as decontamination procedures, plugging, patching and leak control, fully encapsulating suits, foam/petroleum operations, using computers to aid in response and mitigation, response to terrorism events, as well as pre-planning tours of selected sites in the City where hazardous materials are present.

Each team was able to acquire new equipment through both grant money and budgeted City funds. Squad 21 received new air bags that are used for lifting and securing heavy objects as well as 5 dry suits which are used for cold water rescue. These suits replaced older suits that had reached their end of service dates. Squad 21 also received 2 new boat motors (from a grant) which are more powerful than the ones we currently have and are capable of operating in shallower waters.

Haz-Mat 21 took delivery of an old acid tanker from Amrex Corp. to be used for training. This tanker is now located at our Sullivan Training Center. They also purchased (through a grant) 12 new air packs and 25 air bottles to replace end-of-service packs that were due to expire this year.

Squad 21 conducted pre-planning tours of Frito Lay and the Joint Sewage Treatment Plant in fulfillment of our contractual obligations to provide confined space rescue to these facilities. They are also in the process of purchasing a new rescue boat to add to our river and flood rescue capabilities. Through a cooperative effort with City Engineering, the DEC and the Army Corps of Engineers, a new launch site has been designed for the West Side and work should begin on it in 2013.

Haz-Mat 21 and the Fire Dept. participated in a tabletop drill in conjunction with numerous local, State and Federal agencies to test our preparedness for a radiological incident near the 17-81 split. Many lessons were learned and will be acted on in the near future. Our Haz-Mat team has entered into a consortium with Broome, Chenango, Delaware and Otsego Counties to provide regional haz-mat protection and to increase the likelihood of obtaining future grants.

We sent two teams of haz-mat technicians to the Island Park Fire Dept. to do decontamination on the rescue workers in the aftermath of Hurricane Sandy. These teams were requested through the Nassau County Emergency Operations Center as part of the state wide Mutual Aid Plan. The two teams spent a total of four days in Island Park performing decon work as well as any other necessary duties including food and water distribution from FEMA trailers. We later sent an Engine Company to Baldwin to assist their fire dept. with recovery operations.

Assistant Chief Stephen Faughnan
Special Operations

-+

SECTION FOUR

TRAINING DIVISION



JAMES M. SULLIVAN FIRE TRAINING FACILITY

1 BELDEN ST

2012 Fire Training Division Report

2012 began with the fire training offices and classroom still relocated to Engine Six's old quarters, while contractors finished rebuilding the training facility classroom, offices, breakroom, and restroom. This rebuild included new flooring, new office carpets, new interior walls/insulation, repaired electrical, ethernet, and phone lines, new doors, and new moldings throughout. Along with the repairs some additions were made to make the facility more functional including adding a second shower stall, adding a closet with sink, and cupboards and cabinet to the breakroom. We also took this opportunity to turn the classroom orientation for a better learning environment that lessens distractions and brings students closer to the front of the classroom for improved visibility. New furnishings also needed to be procured; tables, chairs, shelving, cabinets, desks, computers, and filing cabinets. With all of the other new furnishing and set up it seemed like the perfect time to upgrade the audio visual systems in the classroom; a new PowerPoint projector was purchased and installed along with a new computer, sound system, lectern, screen and dry-erase boards.

The first class held in the new improved classroom was the 2012 Health & Safety Seminar put on by the New York State Professional Firefighters Association, attended by NYSPPFA members from all over the region. The next class was a Natural Gas Drilling Safety & Awareness Course attended by our personnel and many members of other first responder agencies from around the state.

The new classroom is very inviting and functional and hopes are that it will serve the Binghamton Fire Bureau well for many years to come.

The training division also completed the annually required SCBA mask fit testing of all personnel and fire hose testing. This year the fire hose was not only tested but was also re-inventoried with a new improved more efficient numbering system. The annual pump testing for all apparatus was also accomplished.

As well as training, the training division is responsible for other aspects of operations and administration within the bureau. One of those responsibilities is grants administration. For 2012 we submitted grant applications for a new quint, and emergency power generators for the stations. We were awarded a grant for new SCBA masks and two new boat motors for the Bombard boats. Updates and reports needed to be completed and submitted to FEMA for existing SAFER & AFG grants.

As the training facility was never meant to be completed, always expanding, growing and improving, 2012 saw a few new additions. For the purpose of training personnel in the skills of hose loading on fire apparatus a hosebed simulator was built. This will allow an instructor to demonstrate and evaluate hoseloads to multiple students without having to be up on top of a fire truck. A rather large training adjunct was added to our inventory thanks to Amerex Chemical Company, namely Pamela Rexer-Rood. This MC-312 Corrosive Tanker Trailer will be utilized for hazardous materials training.

Even though the training division was re-located and spent many months researching, ordering, moving, organizing, and establishing for the return and reoccupation of the training facility, training did continue. Most of this occurred because the company officers assured that the daily evolutions were still being conducted. The daily evolutions are the bread and butter, the foundation of our training. These evolutions made up the majority of the 18,165 hours of combined individual training hours completed in 2012. That's an average of 184 hours of training per member.

As the year closed out plans were in the works to rebuild the SCBA mask confidence course that was severely damaged in the flood. Hopes are, as with the classroom building, the mask confidence course will not only be rebuilt but improved. The Fire Bureau Training Division is looking forward to the prospect of having a new recruit firefighter training class in the Spring and putting the new improved James M. Sullivan Fire Training Facility to the test.

Submitted by,

A handwritten signature in cursive script that reads "Richard J. Allen Jr.".

Assistant Chief Richard J. Allen Jr. Training Instructor

SECTION FIVE
EMERGENCY MEDICAL
SERVICES DIVISION



QUINT 2
180 MAIN STREET



2012 EMERGENCY MEDICAL SERVICE REPORT

In 2012 the members of the Binghamton fire department responded to approximately 7,084 calls for medical assistance. Our EMT's and Paramedics provide quality care to our residents and guests 24 hours a day, 365 days a year. From our "mobile emergency room" advanced life support ambulances to our first response S.U.V.'s and fire trucks the men and women of the Department are ready to respond to assist those in need.

Changing trends. Firefighters don't just fight fires. This comes as a shock to many people that just assume that's all firefighters do. This profession is much more than that. In fact the trend we see locally and nationally is less fires and more calls for emergency medical assistance. There are many reasons for this including better public education, building codes and code enforcement. The fire based EMS model is one that provides highly trained providers placed in strategic locations (firehouses) across a City. This allows fast first response with medics that are very familiar with the streets and buildings in their territory. The fire model also provides for a stable workforce with very little turnover. New employees quickly gain experience on the job and learn from veteran members. Most will stay twenty years or more- accumulating knowledge and skill all the while.

Equipment. Treating medical emergencies and traumatic injuries require skill, intelligence and equipment. Lots of equipment. Why? The simple fact is that every day and night we don't know what our crews will be faced with. Unlike in industry or education where there is a certain predicted flow of output or number

of students to teach, in our line of work we have no idea what we'll be facing that shift. Will there be an accident involving a bus on the highway? Four heart attack patients? Or will it be the one shift per year that is eerily slow and has everyone on edge that something really bad is going to happen? Whatever may come we have to be very well equipped to be able to handle it. And our "industry" is constantly changing and evolving and we must, many times by state mandate, keep pace with those new requirements. With continued support from the Mayor, City Council and Citizens we will be able to.

Training. The training for the department never ends. Whether it is to comply with state mandates regarding medical certification or federal requirements on blood borne pathogens, we train. Whether learning how to use a new piece of lifesaving equipment or to familiarize ourselves with an advanced technique, we train. It is safe to say that the department goes above and beyond any requirement to ensure that our members are ready to respond.

Special events. In 2012 the Binghamton fire department continued its support of the community by providing ems leadership and coverage to the bridge run and the Chris Thater memorial races. The department also generated revenue while providing ems services to the Broome County arena during large events and concerts and by covering special events within the city with a member, aed and equipment. This service not only satisfies the permit requirements for applicants but gets a provider and equipment directly in the heart of the event saving valuable time should someone have a medical emergency.

Revenue. The department transported approximately 3,383 patients to area hospitals in 2012. This activity doesn't just fill a need for medical treatment and transport. It also brings in much needed revenue to the City's general fund.

The City has every reason to be proud of its Fire Department. We continue to be a leader in the field of emergency services by seeking out new technologies and techniques so that we can better serve our customers. With the support of the citizens of Binghamton we will adapt to changing trends and remain ready to answer the call for help.

SECTION SIX

APPARATUS/EQUIPMENT

MAINTENANCE DIVISION



**MAINTENANCE FACILITY
1 BELDEN STREET**

STATION LOCATIONS/APPARATUS ASSIGNMENTS

YEAR BUILT	STATION	ADDRESS	APPARATUS
1973	HEADQUARTERS	GOVERNMENTAL PLAZA 38 HAWLEY	CAR #21 (DUTY CHIEF) SQUAD #21 TOWER LADDER #21 FIRE AMBULANCE #7121 EMS-#21-5 RESCUE BOATS #1 & 2 RESERVE AMBULANCE #7122
1929	STATION #1	259 CONKLIN AVE.	ENGINE #21-1 EMS #21-1
1900	STATION #2	180 MAIN ST	QUINT #21-2 EMS #21-2
1960	STATION #3	39 W. STATE ST.	QUINT #21-3 EMS #21-3 HAZ MAT #21
1904	STATION #4	176 ROBINSON ST.	ENGINE #21-4 EMS #21-4
1916	STATION #6	8 WEST ST.	Engine #6 was officially closed as a fire station January 1, 2010.
2001	JAMES M. SULLIVAN FIRE TRAINING FACILITY	1 BELDEN ST.	RESERVE ENGINE #21-9 RESERVE - TOWER LADDER #21-9

SECTION SEVEN

MEMORIAL MASS-AWARDS GRADUATION



JAMES M. SULLIVAN FIRE TRAINING FACILITY

1 BELDEN STREET



FIREFIGHTER'S MASS OCTOBER 10, 2012

**City of Binghamton
Bureau of Fire**

*Matthew T. Ryan
Mayor*

*Daniel L. Thomas
Fire Chief*

*Father Gerald Buckley
Department Chaplain*

*Father Corey Van Kuren
Department Chaplain*

**In remembrance of our fallen
brothers**

*Chief Clifford Colgan
07/11/12*

*Capt. Frank Muscatello
01/18/12*

*Capt. Edward J. Race
04/10/12*

*Lt. Edward L. McMahan
06/17/12*

**Captain Walter Howell
Community Service
Rescue Award**

Lt. Daniel Vail

Citizen Recognition Award

*Adam Green
Trooper Jason Soden
Carmine Addiego*

“The professionalism of our firefighters is second to none. The selfless commitment they bring to the job every day, in service to others, can go unnoticed, so let us take time out this week to pause and acknowledge their heroism and what they do for our community.”

Matthew T. Ryan
Mayor of the City of
Binghamton



WE WILL NOT FORGET

SECTION EIGHT

REVENUE



ENGINE #4
176 ROBINSON STREET

CITY OF BINGHAMTON

BUREAU OF FIRE

2012

REVENUE



<u>SOURCE</u>	<u>AMOUNT</u>
AMBULANCE TRANSPORT	\$806,339.68
FIRE PROTECTION FOR BOCES	28,000.00
FRITO LAY CORPORATION	3,800.00
JT SEWAGE TREATMENT PLANT	3,800.00
TOTAL	\$844,939.68

SECTION NINE

SPECIAL REQUESTS



ENGINE #1
259 CONKLIN AVENUE

SPECIAL REQUESTS

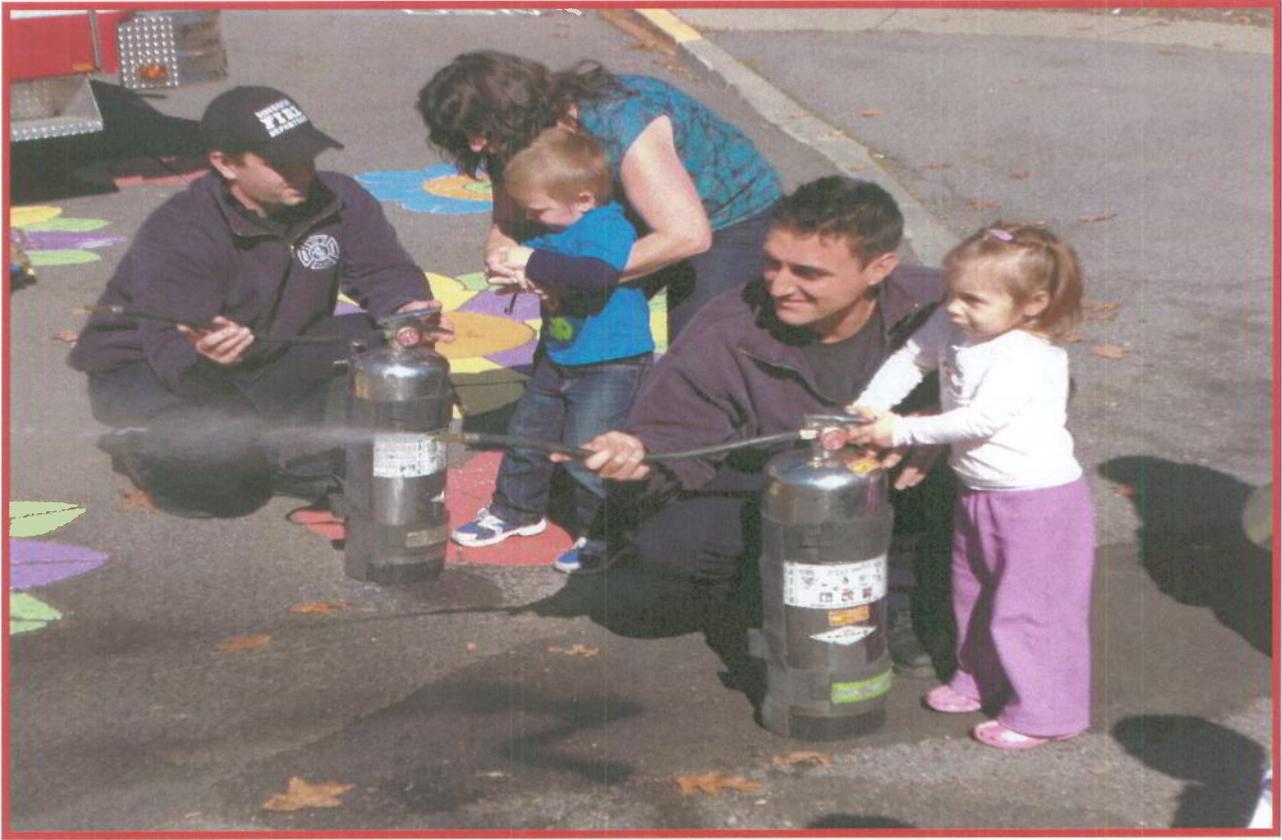
2012

REQUESTING AGENCY	REQUESTOR	DATE	GROUP
BROOME COUNTY BD OF ELECTION - PRIMARY	USE OF FIRE STATION Q3,E4	09-13-12	GR B
UNITED HEALTH SERVICES LANDING & DEPARTURE	STANDBY FOR HELICOPTER	04-14-12	GR D
WEST SIDE BLOCK PARTY-HORACE MANN SCHOOL	RIG	05-12-12	GR D
RIVERSIDE DR. NURSERY SCH	RIG	05-30-12	GR C
RIVERSIDE DR. NURSERY SCHOOL	RIG	05-31-12	GR D
ANGELICAN CHURCH	RIG –HEALTH FAIR	06-02-12	GR A
BEN FRANKLIN SCHOOL	RIG	06-06-12	GR A
ROOSEVELT SCHOOL-SPECIAL NEEDS GROUP	RIG	06-14-12	GR A
URBAN LEAGUE	RIG	07-25-12	GR B
MEMORIAL DAY PARADE	RIG	05-27-12	GR D
WOODROW WILSON SCH	FILL DUNKING TANK – RIG	06-15-12	GR C
RABIES CLINIC	E4	06-16-12	GR C
BOARD OF ELECTIONS-FEDERAL ELECTION	Q3 E4	06-26-12	GR B
ANGELICAN CHURCH	RIG	07-20-12	GR D
WOODROW WILSON SCHOOL	RIG	07-24-12	GR A
URBAN LEAGUE	RIG	07-25-12	GR B
ANGELICAN CHURCH	RIG	07-27-12	GR D
SARATOGA YOUTH GROUP	RIG	07-31-12	GR D
STANDBY –FIRE WORKS	SPIEDIE FEST	08-03-12	GR C
NATIONAL CRIME OUT	RIG-ALL STATIONS	08-07-12	GR C

HORIZONS CREDIT UNION	RIG	08-10-12	GR B
COLUMBUS DAY PARADE	RIG	10-08-12	GR A
PAL FAMILY RESOURCE CTR	RIG	10-09-12	GR B
HORACE MANN SCH-SPEC ED	RIG	10-09-12	GR B
DISCOVERY CENTER	RIG	10-17-12	GR B
LOURDES CHILD CARE	RIG	10-18-12	GR C
AMERICAN LEGION POST 80	RIG	10-20-12	GR A
THEODORE ROOSEVELT SCHOOL	RIG 9:30 & 1:30	10-24-12	GR A
ST. MICHAEL'S CLINTON ST.HALLOWEEN PARADE	RIG	10-26-12	GR C
BOARD OF ELECTIONS GENERAL ELECTION	Q3 E4 USE OF STATION	11-06-12	GR B
VETERAN'S PARADE	RIG	11-11-12	GR C
BOSCOV'S PARADE	RIG	11-17-12	GR A
RABIES CLINIC E4	USE OF FIRE STATION	12-01-12	GR C

**NATIONAL NIGHT OUT 2012
NEIGHBORS AGAINST DRUGS AND CRIME
TUESDAY, AUGUST 7, 2012
PARTICIPATING BINGHAMTON LOCATIONS**

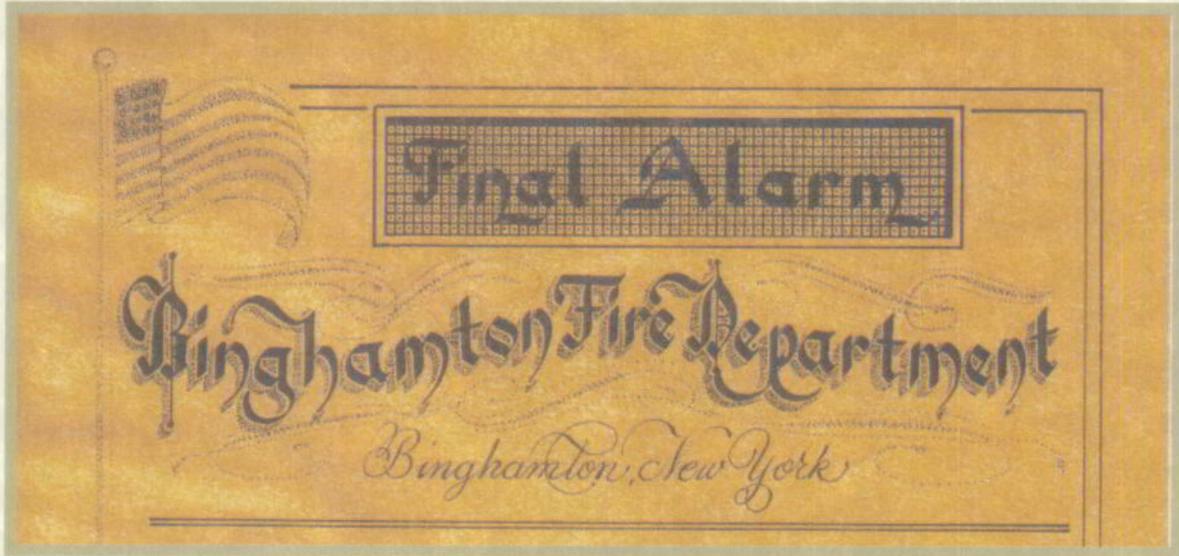
	LOCATION	TIME OF EVENTS	RIG	TIME
1	BOYS & GIRLS CLUB FIRST WARD	6PM – 8PM	Q2	6:30 – 7:30 PM
2	CARLISLE HOUSING COMPLEX-BOLAND PARK EAST SIDE	4PM – 6PM	E4	4:30 – 5:30 PM
3	COLUMBUS PARK CENTER CITY	5PM – 8PM	TOWER	5:30 – 7:00 PM
4	CHERRI LINDSEY PARK NORTH SIDE	5PM – 9PM	Q3	6:00 – 7:30 PM
5	FAIRVIEW PARK EAST SIDE	5PM – 8PM	E4	6:00 – 7:00 PM
6	SARATOGA APARTMENTS	3PM – 5PM	E1	3:30 -4:30 PM
7	LIBRARY BROOME COUNTY	6:30PM – 8 PM	SQUAD	7:00 – 8:00 PM
	***THE SCHEDULE	TIMES AND COMPANIES	ARE SUGGESTED.	



TOURS



STATION	NUMBER OF TOURS	NUMBER OF ATTENDANCE
ENGINE #1 259 CONKLIN AVE	13	252
QUINT #2 180 MAIN ST.	16	224
QUINT #3 39 W. STATE ST.	4	60
ENGINE #4 176 ROBINSON ST.	6	74
HEADQUARTERS GOVERNMENT PLAZA	17	218



FF Francis J. Haher
September 26, 1898

FF Joseph Muggleton
June 14, 1914

FF Clair Brainard
March 25, 1925

Chief Charles Van Cleve
January 16, 1929

FF Joseph Henehan
October 31, 1938

Chief Arthur Dillon
March 7, 1946

FF Jerome Ryan
September 3, 1951

Capt. Lawrence O'Hara
January 13, 1967

FF John Russell
September 28, 1975

Capt. Donald McGeever
September 29, 1975

Chief Donald Faughnan
May 1, 1987

Capt. Walter Howell
March 5, 1914

Capt. William Ford
October 29, 1915

FF William Moran
September 17, 1928

FF William Kennedy
April 29, 1929

FF James McCarthy
October 8, 1940

FF Arnold Shephard
February 5, 1951

T. I. James Sullivan
November 10, 1962

Lt. Clyde Johns
October 24, 1970

Chief John Cox
September 29, 1975

FF Francis Furch
December 31, 1977

FF Gerald Mullins
January 8, 1994



We will not forget