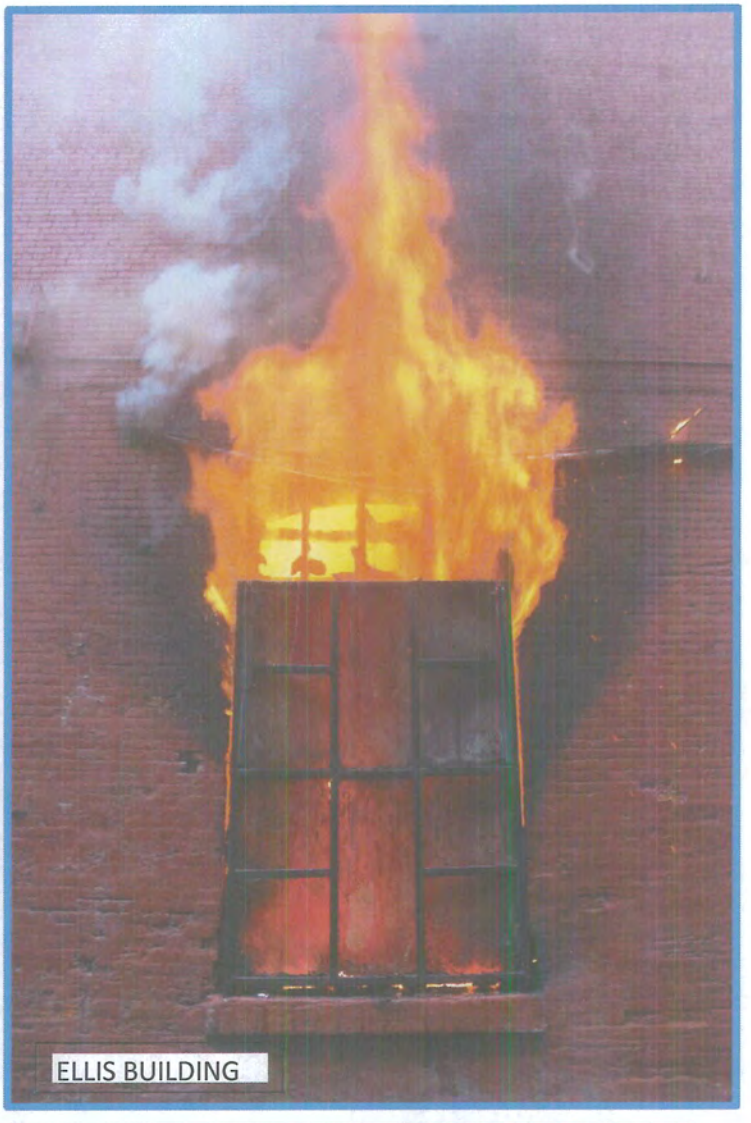
CITY OF BINGHAMTON
BINGHAMTON FIRE BUREAU
2014

Chief Daniel L. Thomas

Mayor Richard David

110 Park Ave.



ELLIS BUILDING

2 Brown St.

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March 2015

Dear Honorable Mayor Richard C. David,

It is my privilege to provide the City of Binghamton Fire Department Annual Report for the year ending December 31st, 2014 for your consideration.

The Binghamton Fire Department responded to a broad range of emergency situations in 2014. From multiple fires, to the numerous medical emergencies in our community, we responded to over 9000 emergency calls in 2014. The most notable of these fires occurred on April 30, 2014, involving a multistory commercial building in the heart of downtown. The building, owned by Ellis Bros., was well involved with fire upon the arrival of the fire department and could have resulted in the loss of a substantial portion, if not an entire, city block. The use of multiple, elevated, master streams in conjunction with the expertise and determination of the fire crews, kept the fire to the original building, not allowing it to extend to any of the surrounding buildings.

In 2014, the department applied for and was awarded a SAFER (Staffing for Adequate Fire and Emergency Response) Grant from FEMA that provided full funding for 8 firefighters for 2 years.

Our department participated in (and hosted), a Hazmat drill in June of '14 that included approximately 30 separate agencies. This drill was the product of two years of planning and the end result was a much better prepared and informed community of first responders and professional leaders.

Medical care to our community was improved when the Health Dept. revised the regulations that now allow BLS (basic life support) responders the ability to administer Narcon, a life saving drug that has proven to be effective with overdoses. Previously, this drug could only be administered by paramedics at the ALS (advanced life support) level.

The Fire Department accomplished the vast majority of its 2014 goals for ensuring public safety. At our BFD Training Facility and mobile 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.

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.

Sincerely,

Daniel L. Thomas

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.

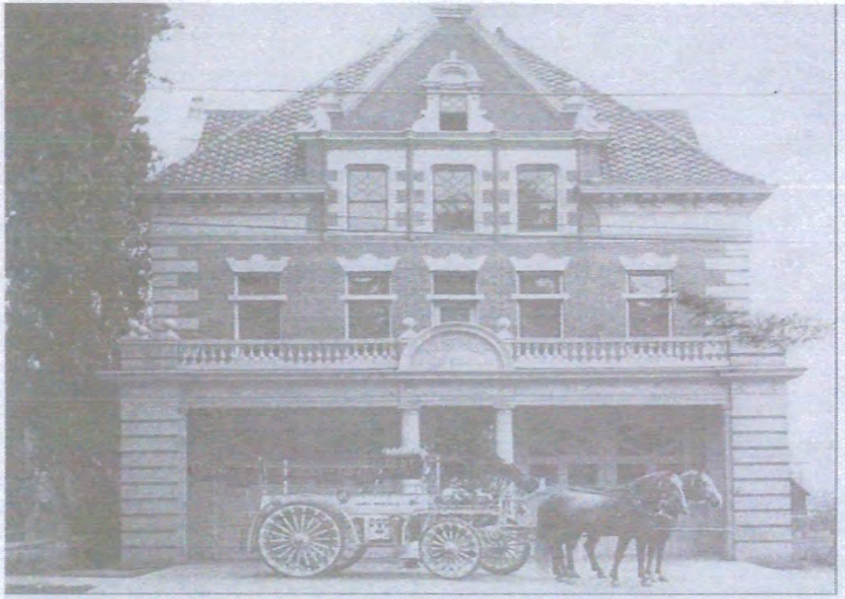
The department remained relatively unchanged until the late 1950s when the population began shifting to the rural areas of the county. Although the department began to downsize in relation to Binghamton's shrinking population, the scope of its operation expanded. In September of 1981 the ambulance was transferred form 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 1898 twenty-three members have given their lives in the line of duty fulfilling this "Mission".

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



Side Fire Station, Binghamton, circa 1912.

The Rockbottom Fire Company, circa 1900.

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

DEPARTMENT ORGANIZATION

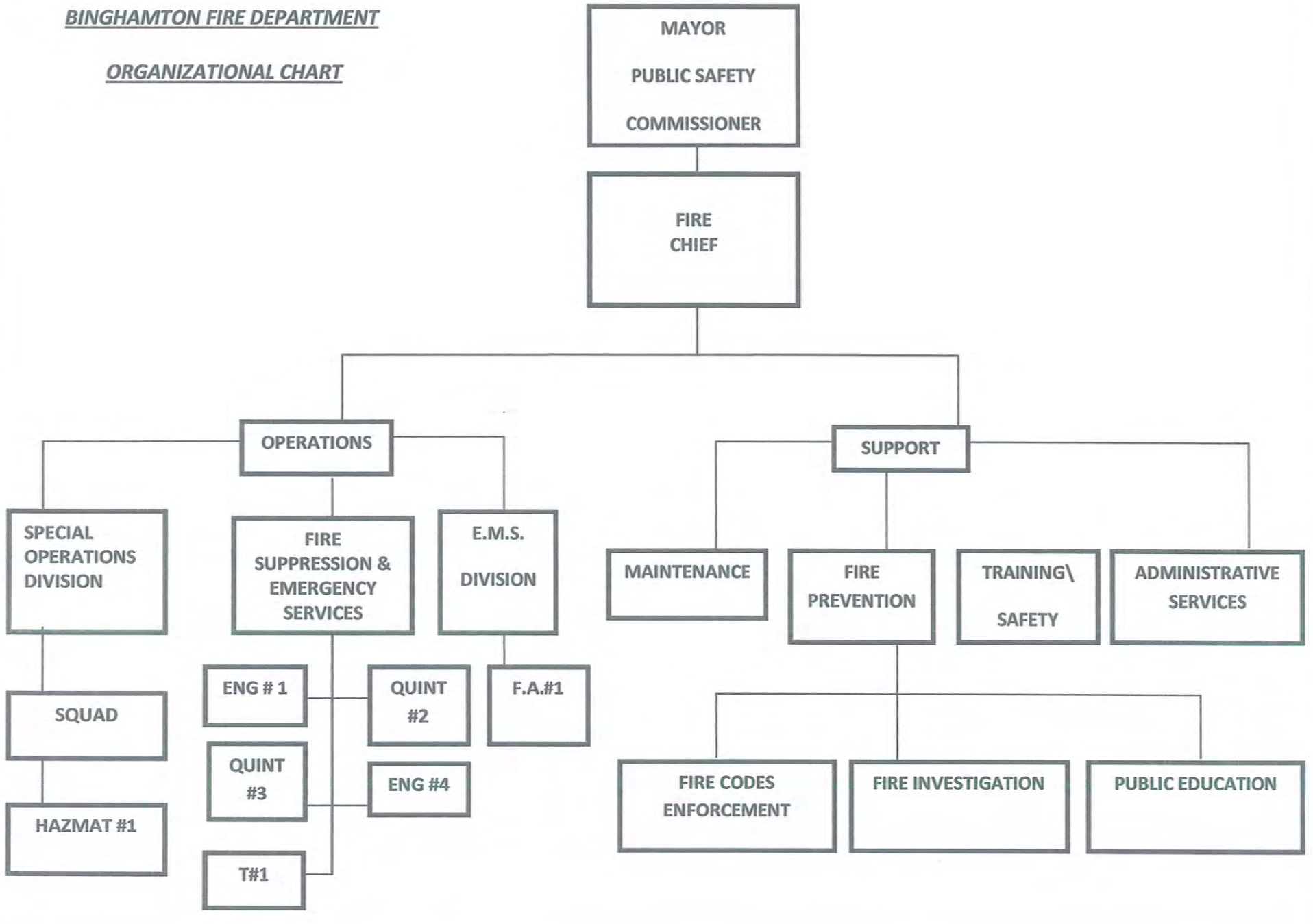
CHIEF DANIEL L. THOMAS

2014

CHIEF DANIEL L. THOMAS	*CHIEF, BINGHAMTON FIRE BUREAU*
FIRE MARSHAL DANIEL EGGLESTON	*FIRE PREVENTION*
DEPUTY CHIEF LAWRENCE OSTANEK	*"A" SHIFT COMMANDER*
ASSISTANT CHIEF MARK WHALEN	*"B" SHIFT COMMANDER*
ASSISTANT CHIEF SAMUEL SAMTONI	*"C" 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
PERSONNEL FOR EACH POSITION CLASSIFICATION 2014

TITLE	ACTUAL (FILLED)	AUTHORIZIED (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	8	8
Fire Lieutenant	20	20
Firefighter	84	84
Total Uniform:	119	119
Civilian		
General Equipment Foreman	1	1
Program Assistant	1	1
Senior Typist	0	0
Total Civilian:	2	2
Total:	121	121

SUMMARY

	UNIFORM	CIVILIAN
Active	117	2
Permanently Disabled	2	0
Temporarily Disabled	0	0
Unfilled Positions 2014	0	0
SAFER GRANT	8	
June 1, 2014-May 31, 2016		

Month(# of Retirements & Resignations)
Jan (1) Feb (1))Mar (1) June (1) Oct (1)

2014 HIGHLIGHTS

RETIREMENTS

A/C Gary O'Neill
Capt. Edward Bergman
FF Patrick Giblin
FF Kevin Rice

PROMOTIONS

Capt. Samuel Santoni to Assistant Chief
Lt. Daniel Vail to Captain
Lt. Timothy O'Neill to Captain
FF William Banovic to Lieutenant
FF Patrick Shay to Lieutenant

NEW APPOINTMENTS

Daniel M. Bidwell
Bradley J. Guasconi
Steven M. Guley
Adam J. Holton
Timothy P. Hurley
Scott W. Johnson
Patrick M. Joyce
Ronald J. Mason Jr
Eric A. Mastroianni
Christopher L. Miller
Jesse D. Murphy
Kyle L. Pomeroy
Michael J. Weston
Nicholas M. Yurenda
Justin D. Zelsnack

RESIGNATIONS

Christopher Gilfillan

SECTION ONE
OPERATIONS DIVISION

FIRE HEADQUARTERS
38 HAWLEY STREET

Alarms by Time of Day

Binghamton Fire Department

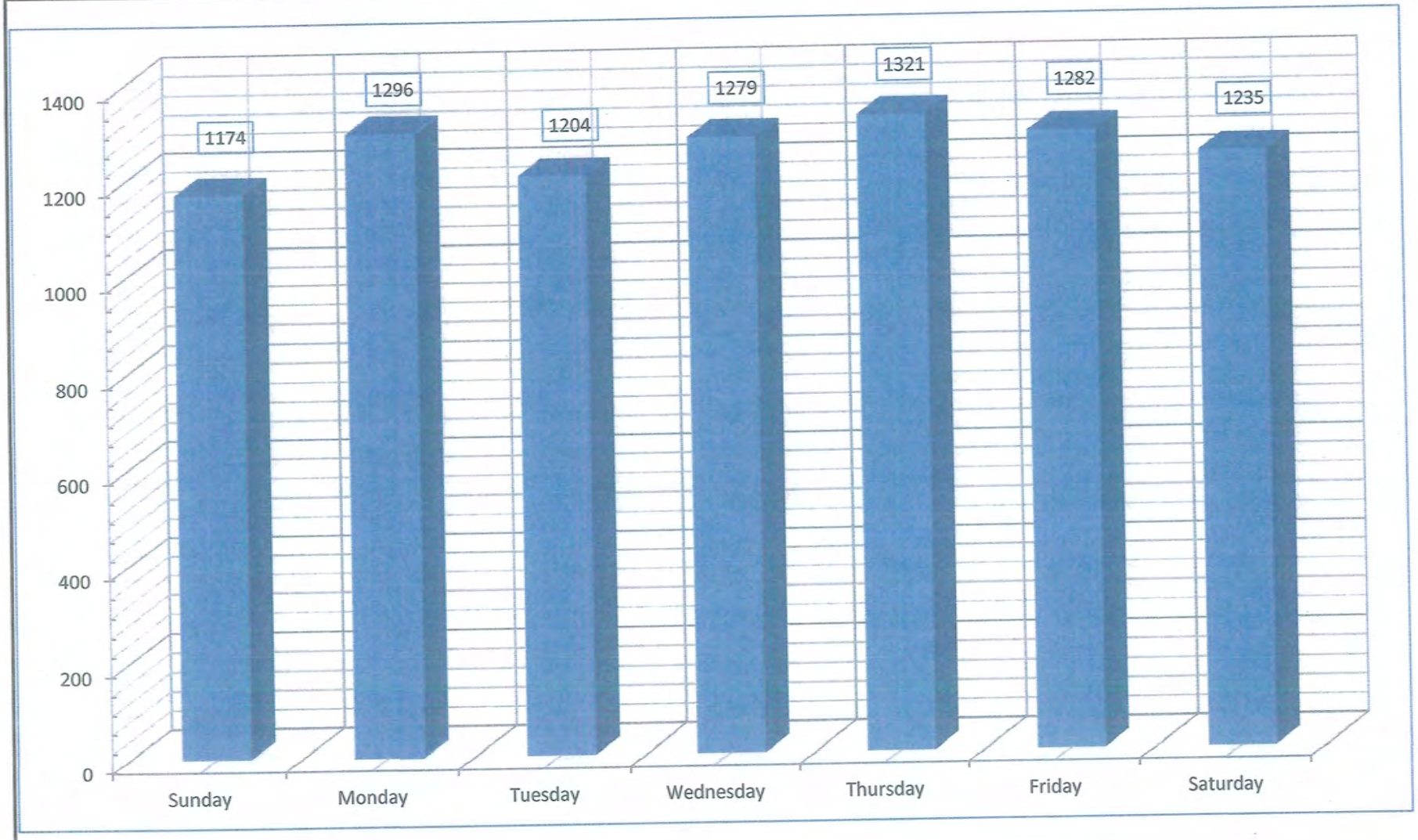
Date Range: From 01/01/2014 to 12/31/2014

Time of Day		Call Count
00:00 - 00:59		305
01:00 - 01:59		270
02:00 - 02:59		263
03:00 - 03:59		250
04:00 - 04:59		180
05:00 - 05:59		184
06:00 - 06:59		197
07:00 - 07:59		291
08:00 - 08:59		323
09:00 - 09:59		421
10:00 - 10:59		482
11:00 - 11:59		468
12:00 - 12:59		470
13:00 - 13:59		472
14:00 - 14:59		443
15:00 - 15:59		506
16:00 - 16:59		468
17:00 - 17:59		509
18:00 - 18:59		514
19:00 - 19:59		473
20:00 - 20:59		424
21:00 - 21:59		437
22:00 - 22:59		402
23:00 - 23:59		332
	Total Alarms	**9,084**

Alarms by Day of Week

Binghamton Fire Department

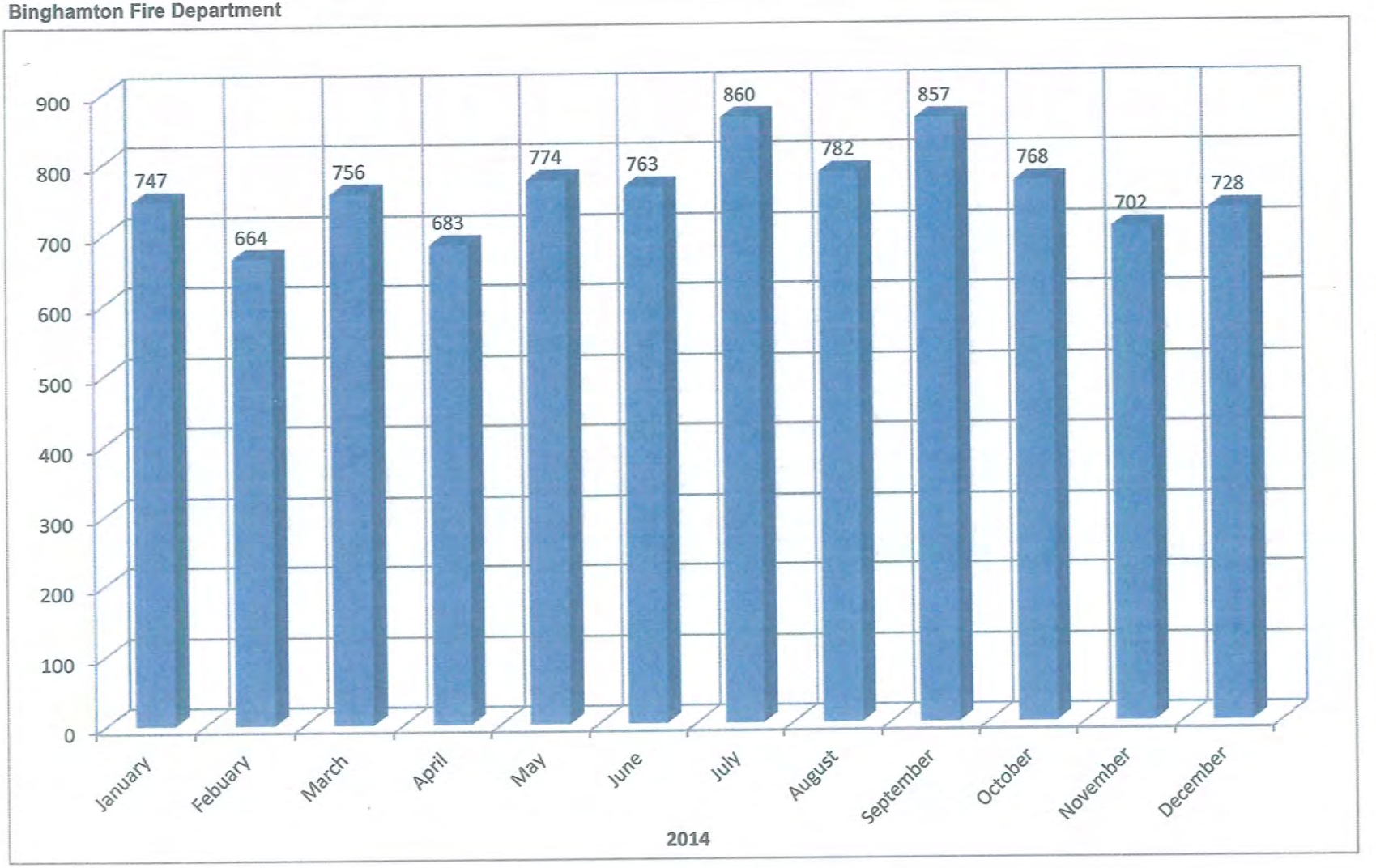
Date Range: From 01/01/2014 to 12/31/2014



Alarms by Month of Year

Time Period From 01/01/2014 to 12/31/2014

Binghamton Fire Department



Date: 03/10/2015

Manpower by Month

Binghamton Fire Department

Date Range: From 01/01/2014 to 12/31/2014

Time of Day	Number of Calls	Length of Calls (Hrs)	Man Power Attendance	Man Power (Hours)
January	747	348.2	3,165	1,547.71
February	664	595.5	2,631	2,385.92
March	756	266.0	2,999	1,247.98
April	683	272.9	2,677	2,424.97
May	774	319.5	2,883	1,131.02
June	763	266.7	2,949	1,175.46
July	860	711.8	3,254	2,385.50
August	782	526.0	2,988	2,289.06
September	857	239.5	3,200	946.77
October	768	470.6	2,996	1,495.75
November	702	232.3	2,706	833.56
December	728	238.3	2,828	1,027.17
Totals	9,084	4,487.4	35,276	18,890.88

Manpower Analysis by Incident

Binghamton Fire Department

Date Range: From 01/01/2014 to 12/31/2014

Incident Type	Incident Count	Number Attended	Average Attended	Total Length (hrs)	Average Length (hrs)	Average Man Hours	Total Man Hours
100-Fire, other	2	38	19.00	0.79	0.40	7.50	15.00
111-Building fire	56	1,124	20.07	142.49	2.54	70.57	3,952.12
113-Cooking fire, confined to container	28	416	14.86	11.11	0.40	6.35	177.69
116-Fuel burner/boiler malfunction, fire confined	3	43	14.33	2.11	0.70	11.14	33.42
118-Trash or rubbish fire, contained	3	17	5.67	2.10	0.70	3.73	11.18
130-Mobile property (vehicle) fire, other	1	3	3.00	0.37	0.37	1.11	1.11
131-Passenger vehicle fire	12	72	6.00	9.25	0.77	4.74	56.92
132-Road freight or transport vehicle fire	5	21	4.20	1.79	0.36	1.55	7.77
140-Natural vegetation fire, other	11	39	3.55	2.90	0.26	0.99	10.88
141-Forest, woods or wildland fire	1	15	15.00	3.03	3.03	45.45	45.45
142-Brush or brush-and-grass mixture fire	7	24	3.43	3.11	0.44	1.57	10.96
143-Grass fire	2	9	4.50	1.50	0.75	4.40	8.79
150-Outside rubbish fire, other	9	27	3.00	2.68	0.30	0.85	7.62
151-Outside rubbish, trash or waste fire	11	75	6.82	3.34	0.30	2.91	32.00
154-Dumpster or other outside trash receptacle fire	7	40	5.71	5.87	0.84	10.58	74.06
155-Outside stationary compactor/compacted trash fire	2	35	17.50	2.21	1.11	19.53	39.06
200-Overpressure rupture, explosion, overheat other	2	15	7.50	1.78	0.89	8.15	16.30
210-Overpressure rupture from steam, other	2	21	10.50	0.28	0.14	1.92	3.84
212-Overpressure rupture of steam boiler	2	24	12.00	1.01	0.51	7.29	14.57
221-Overpressure rupture of air or gas pipe/pipeline	1	8	8.00	1.17	1.17	9.36	9.36
243-Fireworks explosion (no fire)	22	89	4.05	27.70	1.26	4.20	92.44
251-Excessive heat, scorch burns with no ignition	90	793	8.81	28.28	0.31	3.09	277.83
311-Medical assist, assist EMS crew	1	2	2.00	0.26	0.26	0.52	0.52
321-EMS call, excluding vehicle accident with injury	6,835	23,594	3.45	4,614.23	0.68	2.30	15,708.22
322-Motor vehicle accident with injuries	127	556	4.38	82.55	0.65	3.28	416.66
323-Motor vehicle/pedestrian accident (MV Ped)	40	162	4.05	15.87	0.40	1.63	65.10
324-Motor vehicle accident with no injuries.	42	186	4.43	20.56	0.49	2.13	89.65
331-Lock-in (if lock out , use 511)	1	3	3.00	0.29	0.29	0.87	0.87
350-Extrication, rescue, other	2	9	4.50	0.25	0.13	0.50	0.99
351-Extrication of victim(s) from building/structure	1	9	9.00	0.32	0.32	2.88	2.88
352-Extrication of victim(s) from vehicle	4	31	7.75	5.20	1.30	9.80	39.18
353-Removal of victim(s) from stalled elevator	26	272	10.46	13.34	0.51	5.38	139.77
356-High-angle rescue	1	13	13.00	0.89	0.89	11.57	11.57
360-Water & ice-related rescue, other	1	14	14.00	0.38	0.38	5.32	5.32
363-Swift water rescue	2	28	14.00	0.73	0.37	6.13	12.26
381-Rescue or EMS standby	7	20	2.86	17.43	2.49	7.55	52.88
400-Hazardous condition, other	1	3	3.00	0.26	0.26	0.78	0.78
410-Combustible/flammable gas/liquid condition, other	10	32	3.20	2.82	0.28	0.88	8.82

Incident Type	Incident Count	Number Attended	Average Attended	Total Length (hrs)	Average Length (hrs)	Average Man Hours	Total Man Hours
411-Gasoline or other flammable liquid spill	10	37	3.70	3.40	0.34	1.37	13.67
412-Gas leak (natural gas or LPG)	105	355	3.38	54.17	0.52	1.72	180.30
4121-Natural Gas Leak (No leak found)	77	246	3.19	25.77	0.33	1.08	83.22
413-Oil or other combustible liquid spill	2	10	5.00	0.87	0.44	2.76	5.53
421-Chemical hazard (no spill or leak)	4	19	4.75	14.29	3.57	19.58	78.31
423-Refrigeration leak	2	21	10.50	0.87	0.44	5.51	11.01
424-Carbon monoxide incident	42	164	3.90	33.28	0.79	3.33	139.74
440-Electrical wiring/equipment problem, other	31	179	5.77	13.31	0.43	2.59	80.18
441-Heat from short circuit (wiring), defective/worn	2	25	12.50	0.45	0.23	2.58	5.15
442-Overheated motor	8	75	9.38	2.37	0.30	2.61	20.84
444-Power line down	35	111	3.17	19.07	0.54	1.70	59.47
4441-Phone/cable line down	83	279	3.36	132.97	1.60	4.88	405.35
445-Arcing, shorted electrical equipment	26	227	8.73	12.01	0.46	4.05	105.22
451-Biological hazard, confirmed or suspected	1	3	3.00	0.45	0.45	1.35	1.35
460-Accident, potential accident, other	1	4	4.00	0.79	0.79	3.16	3.16
461-Building or structure weakened or collapsed	4	17	4.25	219.44	54.86	220.05	880.21
462-Aircraft standby	1	6	6.00	0.97	0.97	5.82	5.82
463-Vehicle accident, general cleanup	6	28	4.67	3.89	0.65	3.19	19.11
480-Attempted burning, illegal action, other	1	19	19.00	0.63	0.63	11.97	11.97
510-Person in distress, other	5	17	3.40	3.73	0.75	2.60	13.00
511-Lock-out	3	12	4.00	0.47	0.16	0.63	1.88
520-Water problem, other	23	75	3.26	13.00	0.57	1.81	41.66
522-Water or steam leak	43	165	3.84	20.91	0.49	1.95	83.96
531-Smoke or odor removal	78	550	7.05	26.35	0.34	2.40	187.33
542-Animal rescue	2	6	3.00	1.11	0.55	1.67	3.33
551-Assist police or other governmental agency	16	56	3.50	15.33	0.96	3.46	55.36
552-Police matter	5	21	4.20	2.59	0.52	2.63	13.17
553-Public service	7	21	3.00	2.17	0.31	0.93	6.51
554-Assist invalid	2	8	4.00	0.50	0.25	1.05	2.10
561-Unauthorized burning	34	131	3.85	10.13	0.30	1.19	40.56
571-Cover assignment, standby, moveup	63	53	0.84	108.99	1.73	3.88	244.16
611-Dispatched & canceled en route	174	388	2.23	19.00	0.11	0.29	50.19
621-Wrong location	18	8	0.44	1.72	0.10	0.16	2.93
622-No incident found on arrival at dispatch address	32	119	3.72	7.06	0.22	0.80	25.68
631-Authorized controlled burning	10	108	10.80	2.30	0.23	2.17	21.74
650-Steam, other gas mistaken for smoke, other	8	97	12.13	2.24	0.28	3.51	28.10
651-Smoke scare, odor of smoke	26	178	6.85	7.84	0.30	2.34	60.72
652-Steam, vapor, fog or dust thought to be smoke	11	149	13.55	4.62	0.42	6.74	74.11
653-Smoke from barbecue, tar kettle	6	22	3.67	1.01	0.17	0.62	3.71
661-EMS call, party transported by non-fire agency	1	2	2.00	0.12	0.12	0.24	0.24
671-HazMat release investigation w/no HazMat	10	32	3.20	3.54	0.35	1.11	11.11

Incident Type	Incident Count	Number Attended	Average Attended	Total Length (hrs)	Average Length (hrs)	Average Man Hours	Total Man Hours
700-False alarm or false call, other	62	360	5.81	15.42	0.25	1.76	108.83
710-Malicious, mischievous false call, other	20	110	5.50	5.52	0.28	1.57	31.41
711-Municipal alarm system, malicious false alarm	2	10	5.00	0.35	0.18	0.87	1.73
713-Telephone, malicious false alarm	1	18	18.00	0.19	0.19	3.42	3.42
714-Central station, malicious false alarm	3	17	5.67	0.63	0.21	1.23	3.69
715-Local alarm system, malicious false alarm	4	17	4.25	0.99	0.25	1.13	4.52
721-Bomb scare - no bomb	1	0	0.00	0.28	0.28	0.00	0.00
730-System malfunction, other	36	158	4.39	11.81	0.33	1.39	50.09
731-Sprinkler activation due to malfunction	13	59	4.54	6.87	0.53	2.77	36.05
733-Smoke detector activation due to malfunction	49	237	4.84	13.45	0.27	1.35	65.92
734-Heat detector activation due to malfunction	3	25	8.33	0.92	0.31	2.51	7.52
735-Alarm system sounded due to malfunction	24	127	5.29	8.84	0.37	1.89	45.30
736-CO detector activation due to malfunction	25	82	3.28	8.55	0.34	1.12	27.97
740-Unintentional transmission of alarm, other	32	193	6.03	5.61	0.18	1.13	36.07
741-Sprinkler activation, no fire - unintentional	13	70	5.38	5.69	0.44	2.63	34.20
743-Smoke detector activation, no fire - unintentional	200	1,185	5.93	45.12	0.23	1.37	274.03
744-Detector activation, no fire - unintentional	81	529	6.53	24.23	0.30	2.01	163.13
745-Alarm system activation, no fire - unintentional	78	351	4.50	17.85	0.23	1.04	81.01
746-Carbon monoxide detector activation, no CO	34	117	3.44	11.29	0.33	1.15	38.97
812-Flood assessment	3	16	5.33	3.03	1.01	6.25	18.75
813-Wind storm, tornado/hurricane assessment	1	3	3.00	1.21	1.21	3.63	3.63
911-Citizen complaint	1	3	3.00	0.46	0.46	1.38	1.38
Blank. Incident Type not Entered	0	0	0.00	0.00	0.00		0.00
Total and Averages for all Incident Types	9,084	35,612	3.92	6,012.29	0.66		25572.62

Mutual Aid Incidents

Binghamton Fire Department

Date Range: From 01/01/2014 to 12/31/2014
Sorted by: Date of Incident

Agency	Date	Incident#	### Address	Occupant	Type	Mutual Aid Type
04001	01/27/2014	2014-000628	7 ATHERLY PK		Natural Gas Leak (No leak found)	Mutual aid given
04001	01/31/2014	2014-000747	2707 YALE ST		Cover assignment, standby, moveup	Mutual aid given
04001	02/04/2014	2014-000830	26 SUSQUEHANNA RIVER		Rescue or EMS standby	Mutual aid given
04001	02/16/2014	2014-001113	71 BAKER ST		Building fire	Automatic aid given
04001	03/02/2014	2014-001473	42 BEVIER ST		Building fire	Automatic aid received
04001	03/10/2014	2014-001670	2 BROWN ST		Building fire	Automatic aid received
04001	04/04/2014	2014-002246	320 HARRY L DR		Cover assignment, standby, moveup	Mutual aid given
04001	04/04/2014	2014-002248	30 BROCTON ST		Smoke detector activation, no fire - unintentional	Mutual aid given
04001	04/13/2014	2014-002464	HOTCHKISS ST		Forest, woods or wildland fire	Mutual aid received
04001	04/27/2014	2014-002788	623 PARK AV		Building fire	Automatic aid given
04001	04/30/2014	2014-002838	162 WATER ST		Building fire	Automatic aid received
04001	05/04/2014	2014-002938	211 HENRY ST		Rescue or EMS standby	Mutual aid received
04001	05/11/2014	2014-003114	78 ELIZABETH ST		Cover assignment, standby, moveup	Mutual aid given
04001	05/11/2014	2014-003117	2045 CHESHIRE RD		Cover assignment, standby, moveup	Mutual aid given
04001	07/13/2014	2014-004724	38 WINDING WAY		Building fire	Automatic aid received
04001	07/29/2014	2014-005183	26 WILBUR WAY		Building fire	Mutual aid given
04001	08/13/2014	2014-005547	85 FLORAL AV		Building fire	Mutual aid given
04001	08/17/2014	2014-005650	11 ROUTE 81N		Motor vehicle accident with injuries	Automatic aid received
04001	11/02/2014	2014-007709	33 EDWARDS ST		Arcing, shorted electrical equipment	Automatic aid received

Mutual aid received	2
Automatic aid received	6
Mutual aid given	9
Automatic aid given	2
Other aid given	0
Total	19

SECTION TWO

FIRE PREVENTION DIVISION

FIRE ADMINISTRATION
38 HAWLEY ST.

FIRE MARSHAL'S OFFICE

2014 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. Fire investigations are also a responsibility of the staff of Fire Prevention. Educating students, the elderly and all residents on the importance of fire safety is done by the Fire Prevention staff. In 2014 the Fire Prevention staff 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 2014 and by doing so retained their required New York State certifications.

2. FIRE CODE COMPLIANCE

In 2014, 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 fire department software and available on the laptop computers in each fire truck & fire engine. Over 700 such inspections were conducted in 2014, 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. 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 2014 seventy one such investigations were completed. Our department, along with fire departments across the country, is seeing a dramatic rise in methamphetamine related fires. Our office works in conjunction with the Binghamton Police Department & District Attorney's office to expose arsonists and put them in jail. All members of the Fire Prevention office are Level 2 fire investigators (highest level available in New York State) and were recertified in 2014. 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.

4. 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. These lectures/demonstrations were presented to city school children & staff, seniors, day care centers, college students, hospital personnel & church groups. The Fire Prevention staff also provides fire extinguisher training to many business owners, assisting them in meeting their NY State requirements.

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

SECTION THREE
SPECIAL
OPERATIONS

QUINT #3
39 W. STATE STREET

City of Binghamton Fire Bureau
Special Operations Response Units
2014 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 2014, Quint #3/Haz-Mat 21 and Squad 21, which make up the Special Operations Unit, continued joint training exercises with the Broome County Haz-Mat 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.

During 2014, Squad #21 conducted a pre-plan tour at the Joint Sewage Treatment Plant and conducted a full-scale exercise at Frito Lay in Kirkwood to fulfill the requirements of our confined space rescue contract. We received a grant from NYS Dept. of Homeland Security and Emergency Services for $28,524 to upgrade rope rescue equipment and obtain the necessary equipment to create a second river rescue team located at Quint #2's quarters on the West Side of the City. We are continuing work on building a new boat launch site on the West Side. The Squad also received new equipment to improve their other rescue capabilities including auto-crib devices and accessories for the Kodiak system (for vehicle stabilization), a windshield saw and a 2-ton come-along.

Broome County Office of Emergency Services, in cooperation with the Broome County Fire Chief's Association has published "River Pre-Plan Maps Response Booklet". This "booklet" is 270 pages of aerial photographs of all of the rivers in Broome County, with access points, hazards, inflows and outflows and other information pertinent to river rescue operations. All fire departments in the County contributed to this project which will assist Binghamton Fire in the event of river rescue calls in the City or mutual aid calls to other agencies.

We have now formalized our partnership with the Southern Tier Regional Haz-Mat Consortium. The Consortium will provide the necessary leverage to continue receiving State grant funding for our haz-mat team.

Quint #3/Haz-Mat#21 increased training with the Broome County Haz-Mat team in preparation for a full scale exercise that was held at the rail yard on Montgomery St. This exercise included over 30 agencies and included police, fire, emergency services, hospitals, government agencies (including the Mayor's office), as well as private agencies such as AMREX and NYS&W railroad. The scenario was a terrorist caused derailment with hazardous materials involvement.

All of the involved groups used the Unified Command System. UCS was designed for this exact purpose and is required by the federal government. This drill was the culmination of almost 2 years of planning and challenged all of the agencies involved, including the planners.
The experience gained from the drill was put to the test on several occasions in 2014 with the discovery of three clandestine drug labs in the City. Haz-Mat#21 assisted the BPD and NYSP CCERT teams in remediation of these sites.

Haz-Mat #21 continued to upgrade or replace equipment necessary for safe and efficient operations. The following equipment was obtained through grants: 2 intrinsically safe fans, decontamination tent heater, portable lighting, 6 level A flash suits, 1000' rescue rope and a new meter calibration stand. H/M#21 also is in possession of a State trailer in which the Geiger counters and radiological equipment were re-calibrated, as well as replacement of outdated Drager identification tubes. It is interesting to note that with the hiring of 15 probationary firefighters this past summer, we also added 15 new members to our haz-mat compliment.

I would be remiss if I didn't mention the retirement of Capt. Ed Bergman in 2014. Capt. Bergman took over the operations of Squad #21 in 1999. In the following years he continually pursued avenues to improve operations, safety and functionality of our primary rescue team. His innovation and dedication to the Binghamton Fire Dept. and the City of Binghamton will not soon be forgotten. Thanks Ed.

Assistant Chief Stephen Faughnan
Special Operations

HAZMAT TRAINING

SECTION FOUR

TRAINING DIVISION

JAMES M. SULLIVAN FIRE TRAINING FACILITY

1 BELDEN ST

2014 Fire Training Division Report

2014 proved to be another productive year at the James M. Sullivan Fire Training Facility. Besides carrying out regular necessary training, the largest most involved Recruit Firefighter Training Academy was graduated; a department-wide Emergency Vehicle Operator Course was conducted, plus the usual annual testing of hose, ladders, and fire pumps. In addition, there were training facility upgrades and facilitating outside agencies.

Fire training has evolved like everything else in the fire service. Training in the Binghamton Fire Bureau is no different. In the 1970's a new fireman would spend a mere two weeks in Essentials of Firemanship. In the 1990's six weeks was the time allotted for Basic Firefighter Training. Now we dedicate 14 weeks of Recruit Firefighter Training and the course materials and skills go far beyond that our brothers received in the decades past.

The current curriculum of the Binghamton Fire Recruit Firefighter Training Academy includes the following New York State Courses: Firefighter I, Firefighter II, Truck Company Operations, Firefighter Survival, FAST, Apparatus Operator - Emergency Vehicle, Apparatus Operator - Pump, Apparatus Operator - Aerial, Accident Victim Extrication Training, Basic Wildland Fire Suppression, Fire Behavior & Arson Awareness, Confined Space Awareness & Safety, Weapons of Mass Destruction Awareness / Operational, Water Rescue Awareness and Hazardous Materials Technician. As stipulated by New York State Office of Fire Prevention and Control(OFPC), other components of Recruit Firefighter Training were fulfilled: 24 hours of Fire Prevention training, a daily physical fitness regiment, Incident Command System classes (I-700, I-100, I-200), and daily reinforcement of skills such as donning Personal Protective Equipment (Turn-out Gear) & Self Contained Breathing Apparatus (S.C.B.A.).

The 2014 recruit class was primarily made up of the largest hiring in Binghamton Fire history since the early 1970's. This was initiated by filling the vacancies of five retirees, plus having the funding restored to two positions, and receiving a two-year FEMA SAFER (Staffing for Adequate Fire and Emergency Response) grant for eight fully funded positions. These 15 new Binghamton hires were joined by a new Village of Endicott recruit. Training began on June 3rd and the following Probationary Firefighters graduated on September 3rd:

Daniel M. Bidwell - BFD
Matthew Griswold - EFD
Bradley J. Guasconi- BFD
Steven M.Guley- BFD
Adam J. Holton- BFD
Timothy P. Hurley- BFD
Scott W. Johnson- BFD
Patrick M. Joyce- BFD
Ronald J. Mason Jr. - BFD
Eric A. Mastroianni- BFD
Christopher L. Miller- BFD
Jesse D. Murphy- BFD
Kyle L. Pomeroy- BFD
Michael J. Weston- BFD
Nicholas M. Yurenda- BFD
Justin Zelsnack- BFD

We welcome these men to our ranks and wish them long, safe careers.

In Fall of 2014 the Training Division undertook the task of conducting the 18-hour New York State OFPC course, Apparatus Operator – Emergency Vehicle Operation course (EVOC). The course provides vehicle operators with a better understanding of the seriousness of emergency vehicle operation. Based on objectives from National Fire Protection Association (NFPA) Standard 1002 Fire Apparatus Driver/Operator this course stimulates the thought processes to make students aware of the potential for tragedy and financial loss and of the legal and moral responsibilities encountered when operating an emergency vehicle. Apparatus Operator Emergency Vehicle Operations also includes hands-on performance skills driving portions where the operator gets practice behind the wheel learning the capabilities and limitation of their apparatus.

At the training facility we say things like "undertook the task" because an 18-hour course like the EVOC class described above is not just 18 hours. We have four working groups. We cannot call all six companies and the ambulance to the training facility at one time as we need to keep companies strategically placed around the city to cover incidents. So we are not just quadrupling hours to teach four groups, we are doubling that too by splitting each group in half to assure calls are covered in a timely manner. Therefore in most cases the same classes/lectures/skills are taught eight times or more. So a course like EVOC is a 144 hour investment and that is not including make-up sessions for those personnel who are off for their shifts that occur on class days. Nevertheless this is our commitment.

In conjunction with the E.M.S. Division we also assisted our 'brothers in blue' by performing Opioid Overdose and Naloxone Administration Training for all police officers of the City of Binghamton Police Department and Village of Johnson City Police Department.

In the name of mutual aid and cooperation we have also made the training facility available to other local emergency agencies. In 2014 the facilities were also used by Conklin Fire Company, Town of Binghamton Fire Company, Chenango Fire Company, Apalachin Fire Department, Tioga County SWAT, and the Broome County Hazmat Team.

Some may think of training as merely a support function of the fire service. Yet training is the foundation of all firefighting skills and knowledge. It is training that a firefighter must rely on at the most critical times. This is why we remind our firefighters to train as if their lives depend on it. Thus why we say: 'Let no man's ghost return to say his training let him down'.

Respectfully submitted,

Richard J. Allen Jr.

Assistant Chief Richard J. Allen Jr.
Training Instructor

SECTION FIVE
EMERGENCY MEDICAL SERVICES DIVISION

QUINT 2
180 MAIN STREET

2014 EMERGENCY MEDICAL SERVICE REPORT

In 2014 the Binghamton fire department responded to approximately 7,354 calls for medical assistance. Those calls for help were answered by our emergency medical technicians and paramedics who continued the long standing tradition of providing quality care to people in need. Our residents and guests are afforded with some of the finest care anywhere in the region, state or country. We place medical equipment on every fire truck so that crews are always ready to help. We also utilize smaller sport utility vehicles that are lightweight, fuel efficient and maneuverable so that we can access the narrowest streets or snowy hillsides. We like to call our ambulances mobile emergency rooms. They are loaded with the latest advanced life support equipment and can handle a wide variety of medical and traumatic emergencies.

Dual role personnel. Many residents of Binghamton would be surprised to know that *their* firefighters are so much more than "just" firefighters. After all if you haven't called 911 lately you may not know all of the duties firefighters perform. Rope rescue, technical rescue, hazardous materials response, water rescue...the list goes on and on. However the greatest number of calls for assistance are requests for medical help. As the years have gone by the fire department has not been stagnant and bounded by tradition. We have evolved and adapted to the modern environment in order to provide the services the public expects. Every firefighter is either a basic emergency technician or a paramedic. So even though there may not be any large fires in the news lately rest assured that Binghamton's bravest have been busy helping your neighbors with a wide variety of requests for help.

Training. 2014 saw the department welcome three new paramedics to its ranks. Firefighters David Edwards, PJ Malenda and Pat Shoemaker successfully completed all requirements of the southern tier paramedic program and became New York State certified paramedics. They spent hundreds of hours in the classroom and in clinical settings to learn the skills and knowledge necessary to

perform emergency medicine at the highest level. Our members constantly train in order to sharpen their skills and learn new techniques. Some of this training is provided by outside instructors who can share knowledge learned from other parts of the state and country. We also have programs set up so that our members can learn from each other. Group EMS instructors lead trainings at both the basic and advanced levels. At many of these trainings members will share ideas with each other and they also tell stories of unique situations they have faced in the field so that all can learn from their experiences.

Equipment. Very few things in the world are static. EMS is not one of them. EMS is one of the fastest changing fields in the country. It's a dynamic occupation where techniques, methods and equipment can be in vogue one minute and out the door the next. Doctors and researchers at the state and national levels will perform studies and recommend new medicines and protocols in an effort to save lives. The street practitioner will then attend trainings to try to understand the results of the studies and how it will change how they operate. Many times in order to facilitate these changes new equipment must be acquired and mastered. 2014 was no exception to this rule. Narcan, a drug that can blunt the effects of opiods such as morphine and heroin, was approved and released on a basic life support level. What this meant for Binghamton fire was an aggressive program of acquiring narcan, the equipment to administer it, and the training for our members. In short order narcan was present on every fire truck and med vehicle. Literally a few hours after narcan was in the field it was being used to save a life. This program was also offered to the Binghamton police department. Instructors from Binghamton Fire trained police officers how to use this highly effective medicine.

Special events. Increasingly public events are required to have AED's and trained EMT's on hand. The Binghamton Fire Department has a program in place to provide the needed equipment and personnel to assist events in complying with municipal and state laws. We also provide an ambulance to the Broome County Arena during large events. In addition the department offers its leadership, equipment and personnel to two large area events: the Chris Thater memorial races and the Greater Binghamton Bridge run. Coordinating the response of

multiple units from multiple agencies at these well attended events is a challenge that the department is equipped to handle.

Revenue. The department bills patients for the ambulance services they request. We transported 2,943 patients to the three area hospitals in 2014. Revenue collected is deposited to the City's general fund.

While the future is unknown one thing is certain. The members of the Binghamton fire department will continue to strive to provide the very best medical care to the residents and visitors of the City of Binghamton.

Captain J.C. Colling

EMS Coordinator

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
2001	JAMES M. SULLIVAN FIRE TRAINING FACILITY	1 BELDEN ST.	RESERVE ENGINE # 21-9 RESERVE QUINT # 21-9

SECTION SEVEN

MEMORIAL MASS-AWARDS GRADUATION

JAMES M. SULLIVAN FIRE TRAINING FACILITY

1 BELDEN STREET

New York State Fallen Firefighters Memorial Roll of Honor
Albany, New York
October 2014
FF John M. Janos

2014
TRAINING AND GRADUATION OF NEW RECRUITS

SECTION EIGHT
REVENUE

ENGINE #4
176 ROBINSON STREET

CITY OF BINGHAMTON

BUREAU OF FIRE

2014 REVENUE

SOURCE	AMOUNT
AMBULANCE TRANSPORT	$689,470.25
FIRE PROTECTION FOR BOCES	30,000.00
FRITO LAY CORPORATION	4,200.00
JT SEWAGE TREATMENT PLANT	4,200.00
TOTAL	727,870.25

SECTION NINE
SPECIAL REQUESTS

ENGINE #1
259 CONKLIN AVENUE

SPECIAL REQUESTS

2014

REQUESTING AGENCY	REQUESTOR	DATE	GROUP
BROOME COUNTY BD OF ELECTION - PRIMARY	USE OF FIRE STATION Q3	09-09-14 11/04/14	GR B
RIVERSIDE DR. NURSERY SCH	RIG	05-28-14	GR B
RIVERSIDE DR. NURSERY SCH	RIG	05-29-14	GR B
MEMORIAL DAY PARADE	RIG	05-26-14	GR D
BEN FRANKLIN SCHOOL	RIG & AMBULANCE	06-05-14	GR B
ANGELICAN CHURCH HEALTH FAIR	RIG	06-07-14	GR D
WOODROW WILSON SCH	RIG	06-13-14	GR B
RABIES CLINIC	E4	06-14-14	GR C
BEN FRANKLIN SCHOOL	FILL 500 GAL DUNKING TANK	06-18-14	GR C
THOMAS JEFFERSON SCHOOL SAFETY TOWN	RIG	07-25-14	GR D
SPIEDIE FEST-BRETT CHELLIS	RIG	08-01-14	GR C
NATIONAL CRIME OUT	RIG-ALL STATIONS	08-05-14	GR C
HIGH STREET METHODIST CHURCH	RIG	08-10-14	GR D
HORIZONS FEDERAL CREDIT UN	RIG	08-15-14	GR A
CROSSPOINT COMMUNITY CHURCH	RIG	08-23-14	GR A
K-MART SAFETY WEEK END	RIG	10-04-14	GR C
K & N ELLIS CHILDCARE CENTER	RIG	10-06-14	GR A
WEIS SUPERMARKET	RIG	10-11-14	GR B
COLUMBUS DAY PARADE	RIG	10-13-14	GR D
BEN FRANKLIN SCHOOL	RIG	10-22-14	GR A
KATHRYN & NELSON ELLIS	RIG	10-23-14	GR A

CHILDCARE & LEARNING CTR			
FAMILY ENRICHMENT NETWORK SARATOGA HEIGHTS	RIG	10/03/14	GR B
THEODORE ROOSEVELT SCHOOL PTA	RIG 3:00 – 4:00	10-30-14	GR A
VETERAN'S PARADE	RIG	11-11-14	GR A
BOSCOV'S PARADE	RIG	11-22-14	GR D

2014 TOURS

Binghamton Firefighters teach youngsters fire safety

STATION	NUMBER OF TOURS	NUMBER OF ATTENDANCE
ENGINE #1 259 CONKLIN AVE	6	117
QUINT #2 180 MAIN ST.	8	153
QUINT #3 39 W. STATE ST.	4	70
ENGINE #4 176 ROBINSON ST.	6	120
HEADQUARTERS GOVERNMENT PLAZA	7	138

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

FF John Janos
April 6, 2013

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