

CITY OF BINGHAMTON
BINGHAMTON FIRE BUREAU
2018



CHIEF DANIEL EGGLESTON MAYOR RICHARD DAVID

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2018

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Final Alarm	

2018 Notable Fires

Cover
164 Murray St 11/19/2019



8 Livingston St 3/7/2018



18 College St. 11/16/2018



38 Columbus Pk East 3/1/2018



18 Thorp St 01/21/2018

March 2019

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, 2018 for your consideration.

The Binghamton Fire Department responded to 10,268 emergency calls in 2018. These calls involved numerous different emergency situations including fires, motor vehicle accidents, hazardous materials, water emergencies, elevator emergencies & medical emergencies, just to name a few. We had several significant fires, in addition to the significant fires, the fire department extinguished multiple small fires prior to them getting out of control and causing expensive property damage and the possibility of loss of life.

The Fire Department participated in a Civil Service entry level exam project administered by New York State. With our departments assistance the state was able to improve and update their entry level firefighter exams, there-by improving the quality of future firefighter candidates. We also donated outdated personal protective equipment (helmets, boots, gloves, coats, pants) to firefighters in Eastern Europe, Ukraine and locally to the Town of Binghamton. Nine firefighters retired in 2018 and we hope to hire replacements and train them in the spring.

The Fire Department continued with foam trailer training in conjunction with New York State in 2018. We are part of a state wide NY State Foam Task Force but additionally we can use the trailer and foam to fight flammable liquid fires in the City of Binghamton if needed. The Fire Department continues to search for creative approaches to fund new equipment to alleviate the burden on city taxpayers. Along those lines we secured a grant in 2018 for \$68,000 to purchase a new breathing air compressor system from N.Y. State Senator Fred Akshar. It will replace our twenty year old antiquated compressor system we use to fill our SCBA bottles that allow to breath in contaminated atmospheres.

Once again, through their generosity, the Fire Department was the leader in donations for the annual United Way campaign.

I wish to extend my gratitude to the members of the Binghamton Fire Department for their dedication & professionalism. I would also like to thank the Mayor David, City Council, the City management team, local businesses and the community for their support.

Sincerely,

A handwritten signature in black ink that reads "Daniel Eggleston". The signature is written in a cursive, slightly slanted style.

Daniel Eggleston
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.**

**AND IF ACCORDING TO YOUR WILL
I SHOULD LOSE MY LIFE
PLEASE BLESS WITH YOUR PROTECTING HAND
MY CHILDREN AND MY WIFE.**

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 1898 twenty-three members have given their lives in the line of duty fulfilling this "Mission".



Old Engine 3
363 State St



Old Engine 3
Horses- "You Know" and "I Know"

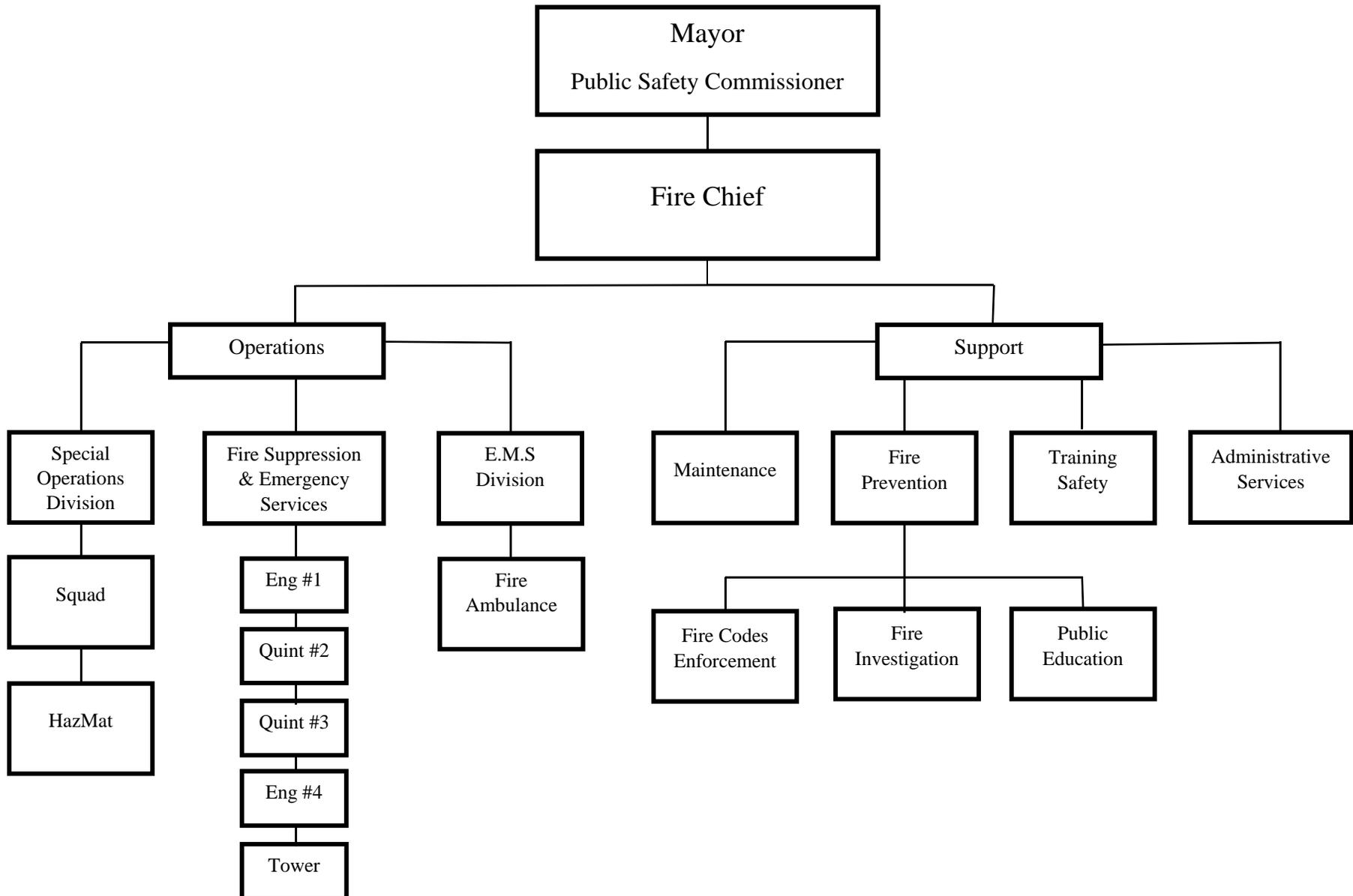
DEPARTMENT ORGANIZATION

2018

<i>Chief Daniel Eggleston</i>	<i>Chief, Binghamton Fire Bureau</i>
<i>Fire Marshal Alan Gardiner</i>	<i>Fire Prevention</i>
<i>Deputy Chief Stephen Faughnan</i>	<i>“D” Shift Commander</i>
<i>Assistant Chief Samuel Santoni</i>	<i>“C” Shift Commander</i>
<i>Assistant Chief Michael Griffis</i>	<i>“A” Shift Commander</i>
<i>Assistant Chief</i>	<i>“B” Shift Commander</i>
<i>Assistant Chief Richard Allen</i>	<i>Training Instructor</i>
<i>Captain Christina Broderick</i>	<i>E.M.S. Coordinator/Operations</i>
<i>Douglas Megill</i>	<i>General Equipment Foreman</i>

BINGHAMTON FIRE DEPARTMENT

ORGANIZATIONAL CHART



City of Binghamton

**Bureau of Fire
Manpower Listing**

Personnel For Each Position Classification 2018

Title	Actual (Filled)	Authorized (Budgeted)
Uniform:		
Fire Chief	1	1
Fire Deputy Chief	1	1
Fire Marshal	1	1
Fire Assistant Chief	2	3
Fire Training Instructor	1	1
Fire Captain	8	8
Fire Lieutenant	20	20
Fire Fighter	74	82
Total Uniform:	108	117
Civilian:		
General Equipment Foreman	1	1
Program Assistant	1	1
Total Civilian:	2	2
Total:	110	119

Summary

	Uniform	Civilian
Active	116	2
Permanently Disabled	0	0
Temporarily Disabled	0	0

Month (# of Retirements & Resignations)

Retired: March-1, July-2, Aug-2, Oct-1, Nov-1, Dec-1

Resigned: Oct-1

2018 Highlights

Retirements

Asst. Chief Mark Whalen
Lt. James Smith
Lt. Jeffrey DeRado
Lt. Thomas Harding
FF Craig Hardin
FF Timothy Burns
FF Thomas Fabian
FF Jeffrey Liccion

Resignations

Patrick Shoemaker

Promotions

Lt. Daniel Jenkins
Lt. Jerrod Trudell

New Appointments

No New Appointees In 2018

SECTION ONE

OPERATIONS DIVISION



FIRE HEADQUARTERS
38 HAWLEY STREET

TOTAL CALLS

2018

FIRE	2262
EMS	8006
TOTAL	10268

THE NATIONAL FIRE INCIDENT REPORTING SYSTEM (NFIRS) LISTS OVER 100 TYPES OF FIRE AND EMS CALLS. THESE ARE A FEW EXAMPLES OF THE MOST COMMON CALLS THE BINGHAMTON FIRE DEPARTMENT RESPONDED TO IN 2018.

3 EMS CALL EXCLUDING VEHICLE ACC	7575
7 SMOKE DETECTOR ACTIVATE, NO FI	300
6 DISPATCHED & CANCELED ENROUTE	233
3 MOTOR VEHICLE ACC WITH INJ	157
7 ALARM SYS ACT, NO FIRE UNINTEN	110
4 GAS LEAK NATURAL GAS OR LPG	101
3 MEDICAL ASSIST, ASSIST EMS CREW	97
2 EXCES HEAT, SCH BURNS W NO IGN	92
5 COVER ASSIGNMENT, STANDBY, MOVE	88
4 PHONE/CABLE LINE DOWN	80



Fire Incident Summary Report

From Date: 01/01/2018
To Date: 12/31/2018

General Information

Total Number of Calls	Fire: 157	EMS: 8006	Unknown: 3	All	10266
Average Calls per Day	Fire: 0.43	EMS: 21.99	All: 28.2		
Total Number of Arson Calls	All: 18				
Total Injuries	Fire Service: 0	Civilian Fire: 1	EMS: 0		
Total Fatalities	Fire Service: 0	Civilian Fire: 0	Arson: 0		
Total Apparatus Responses	All: 15912				
Average Responses per Day	All: 28.2				
Average Apparatus per Call	Fire: 4.76	EMS: 1.41	All: 1.55		
Average Turnout Time	All: 00:01:28				
Average Response Time	All: 00:10:37				
Average Contain Time	All: 00:23:58				
Average Total Time	All: 00:22:11				
Average Personnel per Call	Fire: 12.46	EMS: 3.56	All: 3.98		
Total Aid Given Calls	All: 14				
Total Aid Received Calls	All: 14				

Total Calls By Incident Type	Count
733 733 Smoke detector activation due to malfunction	78
443 443 Breakdown of light ballast	2
142 142 Brush or brush-and-grass mixture fire	3
111 111 Building fire	44
730 730 System malfunction, other	30
440 440 Electrical wiring/equipment problem, other	22
540 540 Animal problem, other	1
114 114 Chimney or flue fire, confined to chimney or flue	1
151 151 Outside rubbish, trash or waste fire	12
357 357 Extrication of victim(s) from machinery	1
521 521 Water evacuation	4
424 424 Carbon monoxide incident	30

736 736 CO detector activation due to malfunction	40
200 200 Overpressure rupture, explosion, overheat other	1
331 331 Lock-in (if lock out , use 511)	5
511 511 Lock-out	14
421 421 Chemical hazard (no spill or leak)	1
714 714 Central station, malicious false alarm	3
400 400 Hazardous condition, other	28
555 555 Defective elevator, no occupants	2
711 711 Municipal alarm system, malicious false alarm	1
251 251 Excessive heat, scorch burns with no ignition	92
412 412 Gas leak (natural gas or LPG)	101
163 163 Outside gas or vapor combustion explosion	1
600 600 Good intent call, other	52
813 813 Wind storm, tornado/hurricane assessment	1
731 731 Sprinkler activation due to malfunction	11
140 140 Natural vegetation fire, other	5
413 413 Oil or other combustible liquid spill	3
500 500 Service Call, other	45
352 352 Extrication of victim(s) from vehicle	3
611 611 Dispatched & canceled en route	233
422 422 Chemical spill or leak	1
715 715 Local alarm system, malicious false alarm	3
410 410 Combustible/flammable gas/liquid condition, other	9
550 550 Public service assistance, other	8
651 651 Smoke scare, odor of smoke	42
322 322 Motor vehicle accident with injuries	157
300 300 Rescue, EMS incident, other	28
154 154 Dumpster or other outside trash receptacle fire	9
622 622 No incident found on arrival at dispatch address	25
553 553 Public service	2
130 130 Mobile property (vehicle) fire, other	4
480 480 Attempted burning, illegal action, other	1
700 700 False alarm or false call, other	67
745 745 Alarm system activation, no fire - unintentional	110
561 561 Unauthorized burning	22
370 370 Electrical rescue, other	1
131 131 Passenger vehicle fire	10
481 481 Attempt to burn	1
746 746 Carbon monoxide detector activation, no CO	20
243 243 Fireworks explosion (no fire)	7

710 710 Malicious, mischievous false call, other	14
571 571 Cover assignment, standby, moveup	88
162 162 Outside equipment fire	2
311 311 Medical assist, assist EMS crew	97
323 323 Motor vehicle/pedestrian accident (MV Ped)	22
463 463 Vehicle accident, general cleanup	8
671 671 HazMat release investigation w/no HazMat	1
713 713 Telephone, malicious false alarm	1
554 554 Assist invalid	4
743 743 Smoke detector activation, no fire - unintentional	300
381 381 Rescue or EMS standby	22
541 541 Animal problem	3
441 441 Heat from short circuit (wiring), defective/worn	3
360 360 Water & ice-related rescue, other	5
740 740 Unintentional transmission of alarm, other	64
551 551 Assist police or other governmental agency	6
734 734 Heat detector activation due to malfunction	3
444 444 Power line down	38
522 522 Water or steam leak	48
900 900 Special type of incident, other	3
652 652 Steam, vapor, fog or dust thought to be smoke	10
412 4121 Gas Leak - Nothing Found	76
112 112 Fires in structure other than in a building	3
143 143 Grass fire	1
118 118 Trash or rubbish fire, contained	13
355 355 Confined space rescue	3
445 445 Arcing, shorted electrical equipment	16
552 552 Police matter	3
653 653 Smoke from barbecue, tar kettle	3
150 150 Outside rubbish fire, other	17
160 160 Special outside fire, other	4
735 735 Alarm system sounded due to malfunction	72
744 744 Detector activation, no fire - unintentional	22
442 442 Overheated motor	9
542 542 Animal rescue	2
650 650 Steam, other gas mistaken for smoke, other	14
444 4441 Phone/Cable line down	80
461 461 Building or structure weakened or collapsed	4
321 321 EMS call, excluding vehicle accident with injury	7575
116 116 Fuel burner/boiler malfunction, fire confined	3

324 324	Motor vehicle accident with no injuries.	54
741 741	Sprinkler activation, no fire - unintentional	6
531 531	Smoke or odor removal	26
911 911	Citizen complaint	4
113 113	Cooking fire, confined to container	25
350 350	Extrication, rescue, other	4
520 520	Water problem, other	36
411 411	Gasoline or other flammable liquid spill	12
732 732	Extinguishing system malfunction (activation)	1
353 353	Removal of victim(s) from stalled elevator	29
510 510	Person in distress, other	2
621 621	Wrong location	4
211 211	Overpressure rupture of steam pipe or pipeline	1



Incident Type Comparison Report

Station: All
Unit: All

From Date/Time: 01/01/2018 00:00
To Date/Time: 12/31/2018 23:59

Type of Situation Found	Current Year	
	Period	Year Total
4 Gas Leak - Nothing Found	76	76
4 Phone/Cable line down	80	80
6 No incident found on arrival	25	25
3 Motor vehicle acc with no	54	54
6 Wrong location	4	4
6 Dispatched & canceled enroute	235	235
6 Good intent call, other	52	52
5 Cover assignment,standby,move	88	88
5 Unauthorized burning	22	22
5 Defective elevator, no occ	2	2
5 Assist invalid	4	4
5 Public service	2	2
5 Police matter	3	3
5 Assist police or oth gov agncy	6	6
5 Public service assistance, oth	8	8
5 Animal rescue	2	2
5 Animal problem	3	3
5 Animal problem, other	1	1
5 Smoke or odor removal	26	26
5 Water or steam leak	48	48
5 Water evacuation	4	4
5 Water problem, other	36	36
5 Ring or jewelry removal	0	0
5 Lock-out	14	14
5 Person in distress, other	2	2
5 Service Call, other	45	45
4 Attempt to burn	1	1
4 Att. burning, illegal actio	1	1
4 Vehicle acc, general cleanup	8	8
4 Bldg or structure weakened	4	4
4 Accident, potential acc, other	0	0
4 Arcing, shorted elect equip	16	16
4 Power line down	38	38
4 Breakdown of light ballast	2	2
4 Overheated motor	9	9
4 Heat from short circuit wiring	3	3
4 Electrical wiring/equipment pr	22	22
4 Carbon monoxide incident	30	30
4 Chemical spill or leak	1	1
4 Chemical haz no spill or leak	1	1
4 Toxic condition, other	0	0
4 Oil or other combustible liq	3	3
7 Carbon monoxide detector act	20	20
7 Alarm sys act, no fire Uninten	110	110
7 Detector act, no fire -uni	22	22

7 Smoke detector activate, no fi	300	300
7 Sprinkler activate, no fire -	6	6
7 Unintentional trans. of alarm	64	64
7 CO detector act due to malf	40	40
7 Alarm system sounded malfun	72	72
7 Heat detector activation malf	3	3
7 Smoke detector act. malf.	78	78
7 Extinguishing system malf.	1	1
7 Sprinkler action due to malf	11	11
7 System malfunction, other	30	30
7 Local alm sys, mal false alm	3	3
7 Central station, mal false alm	3	3
7 Telephone, malicious false alm	1	1
7 Municipal alarm system, malic	1	1
7 Mali, mischievous false cal	14	14
7 False alarm or false call,oth	67	67
6 HazMat release investigation	1	1
6 Smoke from BBQ, tar kettle	3	3
6 Steam, vapor, fog or dust thou	10	10
6 Smoke scare, odor of smoke	42	42
6 Steam, oth gas mistak for smk	14	14
9 Citizen complaint	4	4
9 Special type of incident, oth	3	3
8 Wind storm, tornado/hurricane	1	1
8 Flood assessment	0	0
8 Severe weather or natural dstr	0	0
3 Medical assist,assist EMS crew	97	97
3 Rescue, EMS incident, other	28	28
2 Exces heat,sch burns w no ign	92	92
2 Fireworks explosion (no fire)	7	7
2 Explosion (no fire), other	0	0
2 Overpressure rupture of boiler	0	0
2 Overpressure rup steam pipe	1	1
2 Overpressure rupt steam,oth	0	0
2 Overpressure rupture, explos	1	1
1 Outside gas or vapor combus	1	1
1 Outside equipment fire	2	2
1 Outside storage fire	0	0
1 Special outside fire, other	4	4
1 Dumpster or oth outside trash	9	9
1 Outside rubbish, trash ,waste	12	12
1 Outside rubbish fire, other	17	17
1 Grass fire	1	1
1 Brush or brush-and-grass mix	3	3
1 Forest, woods or wildland fire	0	0
1 Nat vegetation fire, other	5	5
1 Road freight transprt veh fire	0	0
1 Passenger vehicle fire	10	10
1 Mobile property (veh) fire,	4	4
1 Trash or rubbish fire, contain	13	13
1 Fuel burner/boiler malf conf.	3	3
1 Chimney or flue fire, confined	1	1
1 Cooking fire,confined	25	25
1 Fires struct oth than in bldg	3	3
1 Building fire	44	44

4 Gas leak natural gas or LPG	101	101
4 Gasoline or oth flammable liqu	12	12
4 Combust/flamable gas/liquid	9	9
4 Hazardous condition, other	28	28
3 Rescue or EMS standby	22	22
3 Electrical rescue, other	1	1
3 Swift water rescue	0	0
3 Water & ice-related rescue,oth	5	5
3 Extrication victm(s) from mach	1	1
3 Confined space rescue	3	3
3 Reml of vic(s) stalled elev	29	29
3 Extrication of vict from veh	3	3
3 Extrication, rescue, other	4	4
3 Search for person in water	0	0
3 Lock-in (if lock out use 511)	5	5
3 Motor vehicle/pedestrian acc	22	22
3 Motor vehicle acc with inj	157	157
3 EMS call excluding vehicle acc	7575	7575
Unknown Incident Type	3	3
Grand Totals:	10268	10268



Number of Incidents By Responding Unit 2018

Responding Unit	Current
7121	77
7122	1964
7123	1880
ATV21	8
BOAT211	4
BOAT212	4
BOAT213	2
CH21	9
CH21A	2
CH21B	4
CH21C	2
CR21	905
EC21	18
EMS211	1079
EMS212	1542
EMS213	1364
EMS214	1281
EMS215	1536
EN211	447
EN214	452
EN219	2
FD211	2
FD215	4
FM21	15
HZ21	2
INV212	31
INV213	34
INV214	29
QT212	578
QT213	688
QT219	2
SQ21	1108
TO21	16
TW21	606

Binghamton Fire Department
Mutual Aid Incidents
2018

From 01/01/2018 to 12/31/2018

Date	Incident#	###	Address	Type	Mutual Aid Type
1/6/2018	2018-0181	1022	Rhodes Rd, Union	Chimney Fire	Mutual aid given
2/1/2018	2018-0917	89	Court St	HazMat Investigation	Mutual aid received
2/14/2018	2018-1245	130	Dimmock Hill Rd, Union	Building fire	Mutual aid given
3/7/2018	2018-1828	6	Livingston St, Binghamton	Building fire	Mutual aid received
3/7/2018	2018-1829	95	Susquehanna St, Binghamton	Building fire	Mutual aid received
3/12/2018	2018-1980	12	N Broad St, JC	Building fire	Mutual aid given
4/2/2018	2018-2492	1148	Upper Front St, Chenango	Overheated motor	Mutual aid given
4/15/2018	2018-2841	154	Clifton Blvd, Vestal	Gas Leak	Mutual aid given
5/16/2018	2018-3703		Hand Rd/Pierce Creek Rd, TOB	Extrication of victim from vehicle	Mutual aid given
7/10/2018	2018-5240	188	Bunn Hill Access Rd, Vest	Fuel Burner/boiler malfunction	Mutual aid given
7/17/2018	2018-5432	10	Keibel Rd, Whitney Point	Chemical spill or leak	Mutual aid given
7/27/2018	2018-5738		Rt 26, Vestal	Water Rescue	Mutual aid given
11/14/2018	2018-9074	18	Phelps St, Port Dickinson	Building fire	Mutual aid given
Mutual aid received		3			
Mutual aid given		10			
Total		13			

SECTION TWO FIRE PREVENTION DIVISION



FIRE ADMINISTRATION
38 HAWLEY ST.

City of Binghamton Fire Marshal's Office 2018 Report

FIRE PREVENTION OFFICE

Our mission is to educate the community about the benefits of proper fire safety practices and identify and eliminate all types of hazardous conditions which pose a threat of life, the environment and property. The Fire Prevention staff is comprised of the Fire Marshal, Assistant Fire Marshal, and two Fire Prevention Officers whom all perform fire safety inspections and fire cause and origin investigations. A major focus of our office is to protect the residents of the City of Binghamton by enforcing the International Fire Code. In 2018 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 assembly. Educating students, the elderly and all residents on the importance of fire safety is a vital function of the fire prevention staff. All fire prevention officers attended numerous training classes and seminars throughout 2018 and by doing so retained their required New York State certifications.

INTERNATIONAL FIRE CODE COMPLIANCE IN 2018

We continue our efforts to expand and achieve an increased degree of code compliance as mandated by the City of Binghamton and New York State, particularly "life safety" items such as smoke detectors, fire suppression systems, fire detection/alarm systems and means of egress requirements. The State of New York now requires that many commercial structures have carbon monoxide detectors installed, this is just another example how fire prevention staff is assuring commercial buildings meet code compliance. The fire prevention staff is the enforcement arm of the International Fire Code, as adopted by New York State in 2016 and follows up on all inspections to insure code compliance is met. In conjunction with the inspections conducted by the staff, firefighters assigned to Engine and Truck companies also inspect commercial buildings in their primary response districts thereby reducing and eliminating potential 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 firefighters with suppression tactics should a fire occur. This updated information is also entered into fire department software and available on mobile data terminals in each fire apparatus. Hundreds of inspections were conducted in 2018, resulting in the elimination of many hazardous conditions which would have potentially resulted in fire or life safety issues. The objective for this office is to utilize our unique accessibility and assure that International Fire Code compliance has been met or exceeded.

FIRE ORIGIN AND CAUSE 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 assigned to the Fire Marshal’s office. A complete and thorough investigation is then done to determine cause and origin. In 2018 fifty seven 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 prosecute and incarcerate arsonists. All members of the Fire Prevention office are Level Two Fire/Arson investigators the highest level available in New York State. 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.

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, 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.

ELIMINATION OF UNNECESSARY RESPONSE

The continued efforts of Fire Prevention personnel to work with the owners and managers of establishments with problematic alarm systems to upgrade and/or repair such systems has positively impacted 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.

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.

Alan G. Gardiner
Fire Marshal

FIRE PREVENTION



SECTION THREE

SPECIAL OPERATIONS DIVISION



QUINT #3
HAZMAT 21
39 W. STATE STREET

City of Binghamton Fire Bureau Special Operations Response Units 2018 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, and hazardous materials, high and low angle rope rescue, elevator rescue, collapse rescue, vehicular extrication and water and ice rescue.

During the course of 2018, 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.

For the Hazardous Materials Team, Capt. Eric Reed reports:

During the course of 2018 Hazmat 21 continued to train bimonthly with the Broome County Hazmat Team and other members of the Southern Tier Regional Hazmat Consortium. Training session this year included decontamination procedures, leak control, supplied air respirators and air cart, level A and B suits and radiation emergencies. Once again approximately 40 members of the Binghamton Fire Department took part in the annual Hazmat Technician Refresher Class.

New equipment was purchased through the Hazmat grant program in 2018. This grant money is used yearly for maintenance of existing equipment and to expand capabilities of the hazmat team. Some major purchases for 2018 included replacing outdated technology for the detection of vapors and gasses. This includes a new Drager gas tube detection meter and a second meter to detect refrigerant leaks. Two more battery powered area lights were purchased and will be placed on all Binghamton Fire Apparatus by the end of 2019 . A new Level A entry suit was purchased to replace a 10 year old suit that had failed yearly testing. Remaining grant money was used to replace aging sensors in existing gas meters and gaskets for the A, B, and C chlorine leak kits as well as maintenance and calibration of radiation detection equipment.

During 2018 the Binghamton Fire Department as a whole responded to 296 calls classified as a Hazmat call where special equipment or air monitoring was used. We also provided mutual aid for the Broome County Hazmat team for a chemical spill at the Whitney Point High School.

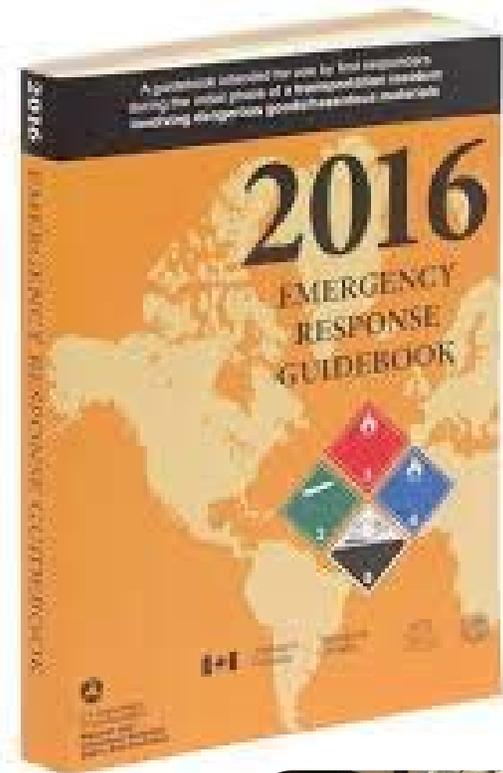
For Squad #21, Capt. Dan Vail reports:

Our personnel continued to train on a regular basis in all areas of fire suppression and rescue. Additionally, time was spent training in the areas of technical rescue that we are responsible for. We visited the JSTP several times to stay current on changes there during the ongoing renovation project. A confined space training evolution was completed in the fall with OFPC personnel as part of our annual hazardous materials refresher course. We also completed a confined space training evolution in December at Frito Lay and set up facility tours for Group A and D.

I am thankful for the dedication of our officers and their personnel for the extra time spent training to remain proficient in the areas of water rescue, auto extrication, high and low angle rope rescue, confined space rescue, elevator rescue, collapse, and ice rescue. Their experience and training allows them to provide the highest level of service in a professional manner to our community every day.

Deputy Chief Stephen Faughnan
Special Operations

HAZMAT/SPECIAL OPERATIONS



SECTION FOUR

TRAINING DIVISION



JAMES M. SULLIVAN FIRE TRAINING FACILITY
1 BELDEN ST.

2018 Fire Training Division Report

The City of Binghamton Fire Training Division believes that training is paramount to maintain the safety and efficacy of firefighters charged with protecting the residents of the City of Binghamton and our visitors. The Training Division continues to strive towards delivering the safest, most up to date training available in keeping with this goal. That is why so much time and energy has been devoted to training for the entire Fire Bureau.

All the firefighters have successfully met and exceeded the Part 426 Minimum Standard 100 hours of State Mandated Training again this year and I am proud to say that the Bureau logged over 15,422 training hours this year. In addition all members completed the annual mandatory mask fit tests and met the requirements of the respiratory protection program.

Our quartermaster personal protective clothing program has continued to improve our turnout gear assuring it far exceeds the minimum NFPA standards for interior structural firefighting. New materials have been selected to allow the gear to move with the firefighter, increase breathability and resist wear. All Fire Bureau hose was inventoried and service tested to meet NFPA standards. Ground ladders, aerial ladders and fire pumps also underwent certified testing.

In October and November half of the members completed their 16-hour biennial hazardous materials technician refresher class. Most of this refresher had the firefighters training with the issue of assisting a firefighter in a Level 'A' Fully Encapsulating Protective Suit who has a medical, trauma, or SCBA emergency. Our Hazmat personnel also continue to meet and train monthly with the Broome County Hazardous Material Team in a joint effort to provide optimal hazardous materials emergency response to our region.

The James M. Sullivan Fire Training Facility continues to serve as a meeting and training place for the entire region. In 2018 the facility was utilized by Broome County Emergency Services, New York State Office of Fire Prevention and Control, Town of Binghamton Volunteer Fire Company, Hillcrest Fire Company, and Chenango Fire Company to conduct multiple drills, trainings, and courses. In addition the Binghamton Police K-9 officers have continuously utilized the facility and grounds to prepare and drill their four-legged partners. The classroom was also utilized for multiple classes to give the Department of Public Works supervisors training in how to better lead their personnel.

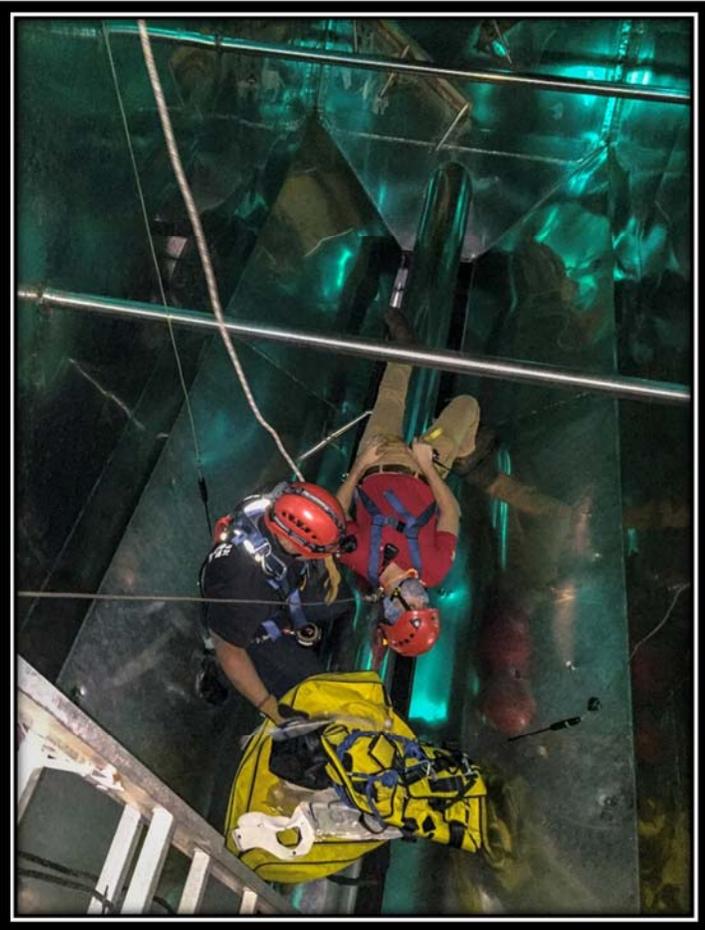
Our training programs and facility can and always should be described as a work in progress; a work that will never be completed. We must constantly strive to find new and innovative ways to do our job safer and more efficient, always with the safety of our firefighters and service to our citizens as our top priority.

Respectfully submitted,



Assistant Chief Richard J. Allen Jr.
Training Instructor

TRAINING 2018



JAMES M. SULLIVAN TRAINING CENTER

SECTION FIVE
EMERGENCY MEDICAL SERVICES
DIVISION



QUINT 2
180 MAIN ST.

2018 EMERGENCY MEDICAL SERVICE REPORT

In 2018 the members of the City of Binghamton Bureau of Fire responded to approximately 8006 calls for medical assistance. Each fire station houses a first response vehicle that is ready to respond at a moment's notice and provide potentially life-saving care to the residents and guests of the City of Binghamton. In addition to first response vehicles, each piece of fire apparatus is also equipped with essential EMS equipment in the event that assistance is needed for a medical emergency while responding to or returning from training, or fire related calls. In addition to the first response vehicles, the City of Binghamton Bureau of Fire also staffs one ambulance at the Paramedic level to provide transport to the area hospitals when needed. The City of Binghamton Bureau of Fire's ambulance transported 3165 patients to the three local hospitals in 2018 generating \$735, 487 of valuable revenue for the city's general fund. We are fortunate to not only be able to offer this invaluable service to the residents and visitors of Binghamton, but to also have the means to generate this income through third party insurance billing.

The City of Binghamton Bureau of Fire is staffed entirely by personnel trained to the New York State Emergency Medical Technician (EMT) or Paramedic level. We are fortunate to offer a well-seasoned staff with many members of our emergency medical staff having close to twenty years of experience. Our EMS veterans are an invaluable resource that serve to insure the continued training and development of our newer providers. The large call volume combined with the wide variety of calls that the EMT's and Paramedics of the City of Binghamton Bureau of Fire respond to, creates a level of experience in our providers that takes most providers many years of practice to obtain.

As with most departments, the City of Binghamton Bureau of Fire is continuously working to keep equipment up to date and safe. In 2018 we were able to take delivery of a new stretcher and stair chair to replace outdated models. While these purchases can be costly, it is imperative to the health and safety of not only the patients that we transport with this equipment, but also the members that operate the equipment.

The City of Binghamton Bureau of Fire EMS Division is constantly undergoing continuing education training. All members attend Basic EMT continuing education classes taught monthly by NYS CIC Elizabeth Mednansky, in accordance with the requirements set forth by the New York State Department of Health's CME based refresher training program. In addition to BLS continuing education, paramedic providers attend monthly CME based trainings that are taught by the Southern Tier Paramedic Program's Clinical Coordinator, J. David Tinklepaugh. Ms. Mednansky, and Mr. Tinklepaugh are great assets, and are key in keeping our EMS program abreast of changes made by the state, and insuring our personnel have the most current

information available. In addition to these formalized training classes, members also participate in monthly peer trainings taught by our group instructors.

In 2018 three of our members completed the Southern Tier Paramedic Program at Broome Community College. Scott Johnson, Patrick Joyce, and Jesse Murphy completed the approximately 600 hours of classroom, 560 hours of hospital clinical, and 440 hours of ambulance ride time required to complete the program and become certified as a NYS Paramedic. The bureau is extremely proud to have these three individuals added to our team.

In 2018 the City of Binghamton Bureau of Fire continued to serve the community by providing Emergency Medical Service coverage for special events held within the city including the St. Patrick's Day Parade, the Bridge Run, the Santa Run, the Breast Cancer Walk and the two night LUMA event. The department also provided EMS coverage to the Floyd L. Maine's Veteran's Memorial Arena during large events and concerts. In addition, we also provide a unique service where we provide a trained member, AED and equipment to organizations that request medical coverage for their special event. This allows them to satisfy permitting requirements and ensure the safety of people in attendance at these functions.

The City of Binghamton Bureau of Fire is extremely proud of its long standing tradition of providing quality EMS care to the residents and guests of the city. Through continued community support we hope to continue providing this extremely valuable service for years to come.

Respectfully Submitted,

A handwritten signature in cursive script that reads "Christina Broderick". The signature is written in black ink and is positioned above the typed name and title.

Captain Christina Broderick
EMS Coordinator

SECTION SIX
APPARATUS/EQUIPMENT
MAINTENANCE DIVISION



MAINTENANCE FACILITY
1 BELDEN ST.

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



2018 MEMORIAL MASS



SECTION EIGHT

REVENUE



ENGINE #4 176
ROBINSON ST.

CITY OF BINGHAMTON

BUREAU OF FIRE

2018 REVENUE

<u>Source</u>	<u>Amount</u>
Ambulance Transport	\$735,487.00
Fire Protection For BOCES	30,000.00
Frito Lay Corporation (Confined Space)	4,700.00
Joint Sewage Treatment Plant (Confined Space)	4,600.00
Construction Companies at J.S.T.P (Confined Space)	<u>6,200.00</u>
Total	\$780,687.00

SECTION NINE

SPECIAL REQUESTS



ENGINE #1
259 CONKLIN AVE.

SPECIAL REQUESTS

2018

REQUESTING AGENCY	REQUESTOR	DATE	GROUP
BEN FRANKLIN ELEMENTARY SCHOOL	ENGINE#1	5/23/18	GR B
BC MEMORIAL DAY PARADE	QUINT#2	5/28/18	GR C
DISCOVERY CENTER TRUCK DAY	TOWER#21	6/2/18	GR D
ANGLICAN CHURCH OF GOOD SHEPHERD	ENGINE#1	6/2/18	GR D
BROOME-TIOGA BOCES	QUINT#2	6/8/18	GR B
LEE BARTA COMMUNITY CENTER	QUINT#3	6/9/18	GR C
BOYS & GIRLS CLUB	QUINT#2	6/13/18	GR C
BEN FRANKLIN SCHOOL FIELD DAYS	ENGINE#1	6/15/18	GR A
HORACE MANN ELEMENTARY	QUINT#2	6/15/18	GR D
BINGHAMTON PARKS SAFETY TOWN	ENGINE#4/FP	7/16/18	GR D
BINGHAMTON PARKS SAFETY TOWN	ENGINE#4/FP	7/30/18	GR B
NATIONAL NIGHT OUT	ALL RIGS	8/7/18	GR B
ROSS PARK ZOO	TOWER#21	10/6/18	GR B
BINGHAMTON BUSINESS & PROFESSIONAL COLUMBUS DAY PARADE	QUINT#2	10/8/18	GR D
MACARTHUR ELEMENTARY SCHOOL	ENGINE#1/FP	10/9/18	GR A
ST. JOHN'S SCHOOL FIRE SAFETY	ENGINE#1/FP	10/9/18	GR A
DISCOVERY CENTER PRESCHOOL	TOWER#21/FP	10/12/18	GR D
ROOSEVELT ELEMENTARY PTA	QUINT#3/FP	10/25/18	GR A
TOWNSQUARE MEDIA HALLOWEEN PARADE	QUINT#2	10/27/18	GR C
BROOME COUNTY PARADE COMMITTEE VETERAN'S DAY PARADE	QUINT#2	11/11/18	GR B
BOSCOV'S HOLIDAY PARADE	QUINT#2	11/17/18	GR D

2018 TOURS



STATION	NUMBER OF TOURS	NUMBER IN ATTENDANCE
Quint 2 180 Main St	3	86
Quint 3 39 W. State St	3	60
Engine 4 176 Robinson St	1	28
Headquarters Governmental Plaza	5	245



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