

**CITY OF NEWARK**  
**DEPARTMENT OF PUBLIC SAFETY**  
**DIVISION OF FIRE & EMS**



**ANNUAL REPORT 2018**

**JANUARY 23, 2019**

## **Table of Contents**

Letter from the Chief	3
Mission Statement	4
Vision Statement	4
Organizational Chart	5
Budget	6
Mayor and Director of Public Safety	7
Human Resources Report	8
Compliance	9
Operations	9
Physical Resources	10
Emergency Medical Services	12
Training Report	13
Prevention	14
Arson	15
Fire Statistics	16
EMS Statistics	22

## Letter from the Fire Chief



The Newark Fire Department (NFD) continues to provide an outstanding emergency service to the residents of Newark. In 2018, the department responded to 11,236 emergencies, which is the highest annual call volume in NFD history. Fortunately, an improving fiscal situation has allowed progress in several key areas of fire department operations.

The administrative staff diligently monitors department spending and has been able to help alleviate the city's capital budgetary needs. This has been accomplished by cost sharing on certain vital pieces of equipment that are needed to provide service. We are grateful for the new EMS first response vehicle and ladder truck that was purchased in late 2018.

With that in mind, federal and local grants are aggressively pursued, helping to provide needed equipment and personnel. Notably, the Staffing for Adequate Fire & Emergency Response Grant (SAFER) continues to maintain staffing levels at 79 sworn firefighters. This grant has allowed a staffing level of 16 firefighters daily, which helps to staff emergency response apparatus. Additionally, we have been awarded the Assistance to Firefighters Grant (AFG) and the Bureau of Worker's Compensation (BWC) Grant. This has allowed the purchase of personal protective equipment (PPE), communications equipment (MARCS Radios), and a fire department specific commercial washer and dryer that are designed to reduce cancer causing carcinogens that have been shown to cause firefighter occupational cancer.

This year also uncovered the need for education and assistance in the areas of firefighter mental health. Steps were taken to begin the process of helping our first responders in their time of need. There is much work to be done, but we are dedicated to improving the physical and mental well being of our workforce.

I hope that the information provided in this 2018 Annual Report will provide the necessary information about department operations and its management. If you have any questions or concerns, feel free to contact my office at (740) 670-7650 or email at [pconnor@newarkohio.net](mailto:pconnor@newarkohio.net).

Respectfully,

A handwritten signature in black ink, appearing to read "Patrick Connor".

Patrick Connor – Fire Chief

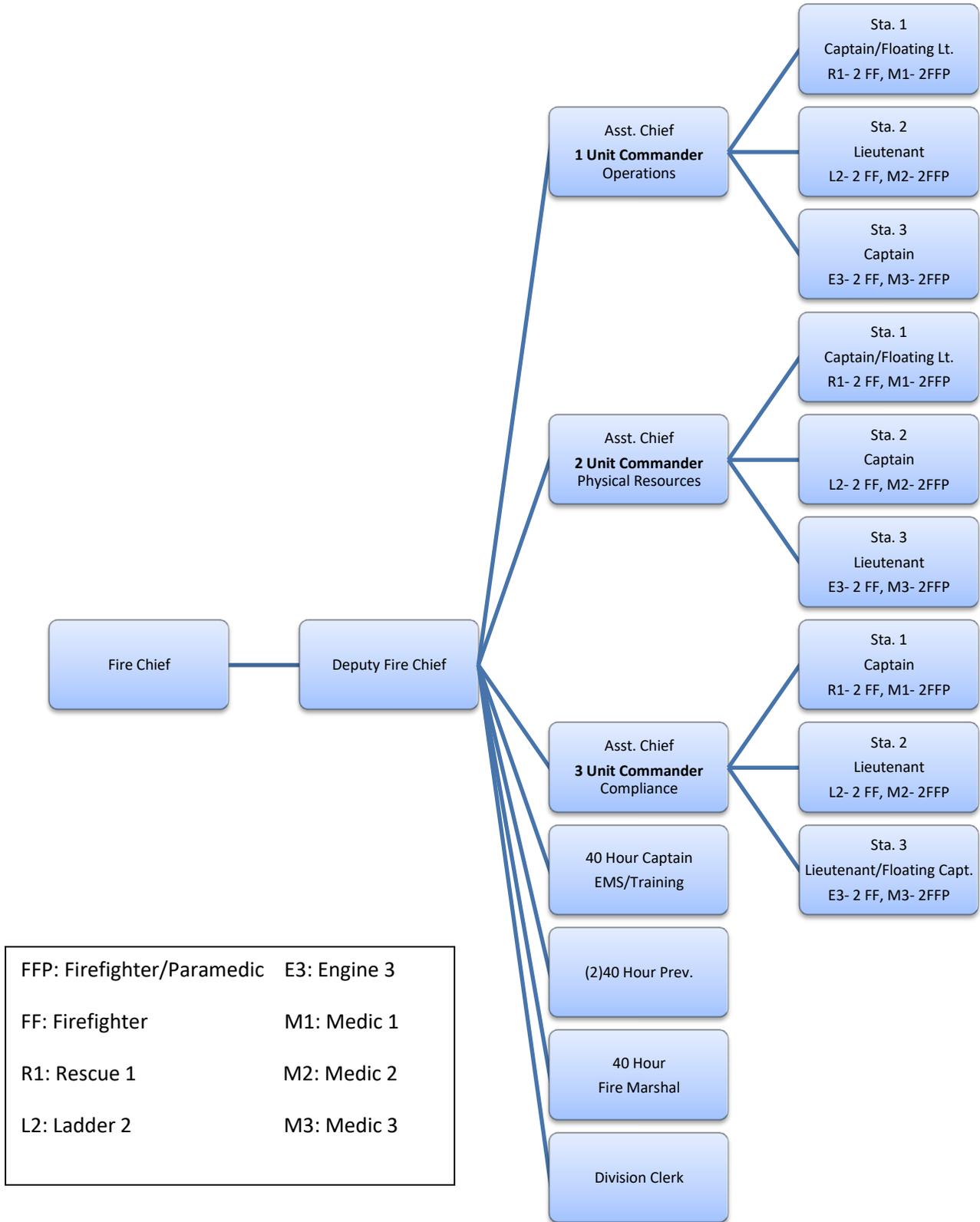
## **Mission Statement**

The mission of the Newark Division of Fire and Emergency Medical Services is to provide a range of programs designed to safely and efficiently protect the lives and property of the citizens of the City of Newark, Ohio from the adverse effects of fires, sudden medical emergencies or exposure to dangerous conditions created either by man or nature.

## **Vision Statement**

The City of Newark Division of Fire will always strive to be a leader among the Fire/Rescue community. Our vision is to provide excellence in our service to our community (customers) by using high standards of training, up-to-date equipment and continual re-evaluation of our services, with the future of the Division and those we want to protect in mind.

# 2018 Newark Fire Department Organizational Chart



## 2018 Budget

Our budget is largely derived from the General Fund. In 2001 a joint safety level was passed by Newark residents to supplement the budget of both the Police and Fire Divisions. The levy placed an additional 1/2 % income tax on working citizens of Newark and those people who worked inside the city but live elsewhere. This money is dedicated solely to these agencies. The amount of money generated by this levy in 2018 totaled just over \$6.5 million and was split evenly between the Police and Fire Divisions. Along with the General Fund and the safety levy, we also benefit from various grants for personnel, equipment or programs.

The Newark Fire Department's operating budget for 2018 was \$9,314,839 and includes revenue sources from local taxes, grants, EMS billing, donations and false alarm billings. Specifically, EMS billing generated \$1,529,728.65 in revenue and the fire department receives 40% of those revenues (\$611,891.44) to supplement the operating budget. The EMS billing revenue delegated to the fire department is utilized for administration, purchasing ambulances, medical supplies and fire station upgrades.

The total budget handprint reflects a business model of 89% dedicated to personnel and the remaining 11% dedicated to operating costs. Although not ideal, great strides have been made to identify areas to be more efficient and provide the same level of service to the community with periodic staff meetings and a very in depth look at streamlining the budget. The state of the economy along with projected revenue and expenses have initiated a more creative and efficient management strategy allowing staff to look at alternative ways of operating and reducing overall costs.

Funds used for capital improvements are not included in the individual budgets of the various departments/divisions within city government. The city maintains one Capital Improvement Fund and the amount of money provided to each department are decided upon by the Mayor and the City Auditor.

## **Office of the Mayor**



Mayor Jeff Hall became the 68<sup>th</sup> Mayor of Newark on January 1, 2012. Born and raised in Newark, Mayor Hall is an honors graduate from Newark High School and earned a bachelor's degree in accounting with a minor in Information technology. He also has a master's degree in accounting from The Ohio State University. Prior to serving as Mayor, Jeff was the Newark City Treasurer. Mayor Hall is committed to making safety, education, and jobs a top priority for the City of Newark. Mayor Hall has surrounded himself with a talented TEAM of dedicated, professional individuals who assist him in strategies that support his vision.

## **Director of Public Safety**



Director Steve Baum was appointed on October 26th 2016. Director Baum was hired by the Newark Division of Police on November 22, 1993. He served as both a patrol officer and as a detective. Promoted to Sergeant in 2004, Director Baum was assigned to the Patrol Bureau, the Professional Standards Bureau, and finally the Detective Bureau. After his Promotion to Captain in 2010, he served in all three bureaus: Patrol, Detective and as Administrative Bureau Commander. The Director is a USAF veteran who participated in both Operation Desert Shield and Desert Storm. He resides in Heath, Ohio, with his wife Kelly and their two children.

## Account Clerk I



Tina Stoll

Tina Stoll ([tstoll@newarkohio.net](mailto:tstoll@newarkohio.net)) is the Account Clerk for the Division of Fire/EMS. She has been with the city of Newark for 19 years and works very closely with Chief Connor and Deputy Chief Metzger. She is instrumental in the way the division is managed. Her primary responsibilities include payroll, accounts payables and receivables, budgeting, processing quartermaster, and administrative support to the staff and Fire Prevention Bureau. Tina currently works out of Station 1 and is available to help anyone.

## Human Resources



Deputy Chief  
Metzger

The Human Resources Division is managed by Deputy Chief Brandon Metzger ([bmetzger@newarkohio.net](mailto:bmetzger@newarkohio.net)) who was appointed as the first Deputy Fire Chief in the history of the agency on May 17, 2017. Deputy Chief Metzger has been with the Division for 15 years and in unison with the Fire Chief, provides oversight to all functions of the fire department.

Deputy Chief Metzger reports directly to the Fire Chief and is responsible for the management of all personnel, evaluations, assignments, records retention, EEO/Diversity compliance, Employee Assistance Programs, Critical Incident Stress Program (CISP), as well as the three (3) Assistant Chief's who manage respective work shifts. Deputy Chief Metzger also manages the EMS Division (Officer), Prevention Bureau, and Arson Investigator. There is a more detailed description within this report relating to each respective responsibility.

In 2018, the Division hired nine (9) new members to replace members who retired or otherwise separated employment from the department. The department's strategic plan for 2019 is to apply for the SAFER (Staffing for Adequate Fire and Emergency Response) Grant, asking for an additional five (5) personnel, which would increase overall authorization to 84 paramedic/firefighters.

## Compliance



AC Clouse

The compliance division is managed by Assistant Chief John Clouse ([jlclouse@newarkohio.net](mailto:jlclouse@newarkohio.net)). Chief Clouse is a 30 year veteran with the division and currently is the 3 Unit shift commander. He is responsible for the Standard Operating Procedures (SOPs), Compliance, Fiscal and Resource Management, and Health and Safety.

Throughout 2018 a review and update of the Systems Manual was completed. All policies were revised to implement a common header which facilitates better tracking of review dates and changes. Policies have been revised to meet current standards, new policies were added where there was a need, and a number of other policies were completely eliminated.

The compliance division monitors the National Fire Protection Agency, National Institute of Safety and Health, and the Occupational Safety and Health Administration to ensure that the division operates safely and minimizes risk, to a reasonable extent, while reducing liability to the City of Newark

## Operations



AC Decker

The Operations Division is managed by Assistant Chief David Decker ([ddecker@newarkohio.net](mailto:ddecker@newarkohio.net)). He has been with the division for 28 years and is currently assigned to 1-Unit.

The Operations Division includes all service delivery and emergent and non-emergent response to calls for assistance ranging from fires to various medical emergencies. Also included are hazardous materials calls.

The Operations Division has 72 personnel assigned to three 24-hour shifts. Each shift is led by an assistant chief, who is responsible for the daily operations and commanding incidents. Each assistant chief is assisted by two captains and two lieutenants who are assigned to three stations throughout the city.

The division currently maintains a minimum staffing of 16 personnel on duty each day. Station-1 staffs a rescue/engine with three personnel and a transport medic with two personnel. Station-2 operates an engine with three personnel, and a transport medic with two personnel. Station-3 operates an ladder truck with three personnel, and a transport medic with two personnel. The assistant chief overseeing the shift is assigned to a command car at Station-1.

The division responded to over 11,000 calls for service in 2018 with medical calls accounting for more than 80% of the call volume.

## Physical Resources



AC Simmons

The Physical Resources Division is managed by Assistant Chief Nick Simmons ([nsimmons@newarkohio.net](mailto:nsimmons@newarkohio.net)). He has been with the division for 23 years and is currently assigned to 2 Unit as the Battalion Chief. He holds a Bachelor's of Science Degree from Denison University and has been designated as an Ohio Fire Chief Officer by the Ohio Fire Chief's Association. He is a member of IAFF, IAFC, and Ohio Fire Chief's Association. Chief Simmons is certified as a paramedic, fire instructor and certified fire safety inspector.

### **Response vehicles:**

2018 ended with a number of improvements for the fleet in the division. The most noteworthy was the replacement of the 2006 Sutphen ladder truck. The Sutphen ladder was replaced with a gently used 2018 Pierce Ascendant. The new addition to the fleet is marked as Ladder 3 and stationed at station #3. The engine that was housed at station #3 is now marked as Engine 2 and is housed at station #2.

A 2018 Ford Explorer Interceptor was also purchased to test a new initiative. This initiative uses the Explorer, marked as EMS 2, to first respond to EMS calls for service with two personnel from an engine/rescue company. The concept was initiated in an effort to reduce the amount of mileage that fire apparatus accrue going to EMS calls for service.

In 2018 a change was made to two of our EMS vehicles. We originally purchased a power cot for Medic 2. This cot was intended to reduce lifting injuries as well as handle larger patients. While the concept was commendable, the design/manufacture that was chosen did not operate in the field as well as we had hoped. The cot had some design issues as well as limitations in width that our larger patients required. Therefore we sold the power cot and purchased a true bariatric cot system that is very wide, has ramps and a winch system to pull patients on the cot into the medic. This system does exactly what it was designed to do- get our heaviest patients into the medic with minimal lifting and bending from our staff. We have not abandoned the desire to outfit our EMS vehicles with power cots. In fact we applied for a grant in the fall of 2018 for power cots for all our EMS vehicles. That grant awards are still pending.

EMS Vehicle	Year	Mileage	Change from 2017
Medic 1	2015	68,500	20,839
Medic 2	2016	41,951	22,796
Medic 3	2012	77,735	11,626
Medic 4	2012	101,308	7,646
Reserve Medic	2007	132,300	4,219
Reserve Medic	2008	101,900	702
Average	7.3 years old	87,282	11,304

Fire Apparatus	Year	Mileage	Change from 2017
Rescue 1	2015	36,317	8,635
Ladder 3	2018	6,800	N/A- new
Engine 3	2004	118,851	8,901
Reserve Ladder	2006	110,995	N/A (just put in reserve)
Tower 1	1996	22,450	1,314
Reserve	2006	136,889	1,981
Average	13 years old	72,050 miles	5,207 miles/year

**Communications Equipment:**

The Division was awarded an Assistance to Firefighters Grant (AFG) for portable and mobile radios that totaled \$60,000. Our current portable radios were showing some signs of wear and rechargeable batteries were not holding charges anymore. The grant provided us a means to update what we have, put some in reserve for special events as well as low frequency high consequence events (e.g. derecho, tornadoes, ice storms etc).

**Capital Improvements:**

- New Ladder Truck
- New Ford Explorer Interceptor- EMS 2
- True Bariatric Cot system
- Portable and mobile radio grant award
- Fire gear washer and dryer for station 2

### **Goals completed from 2018:**

- Ladder 2 replacement
- Purchased 1 staff vehicle – used as EMS 2 in lieu of a staff vehicle.

### **Goals for 2019:**

- Replace Investigator Smith’s truck which has over 200,000 miles on it.
- Purchase 1 additional staff vehicle
- Replace 1 Medic
- Purchase fire gear so that we keep a regular rotation in compliance with national standards.
- Apply for a regional AFG grant to replace our Self Contained Breathing Apparatus (SCBA).
- Have a clear idea of software upgrades to implement in 2020 for our records management software (RMS).

## **Emergency Medical Services**



**Captain Lynn**

The EMS division is managed by Captain Terry Lynn. Captain Lynn is a 19 year veteran with the division and currently assigned to the administrative staff. He holds certifications as a paramedic, fire instructor I and II, hazardous materials technician, CE instructor for EMS, and fire safety officer.

The EMS Division of the Newark Fire Department strives to maintain a progressive and proactive approach to operations, treatment and transport. Our primary mission in the division is to respond to calls for medical emergencies; however emergency response represents only one component of our service delivery model. The agency also provides education and training to the public in the areas of basic life support, first aid, public health, disaster planning.

Newark Fire is a “fire based EMS agency”. In 2018, we responded to 9,173 EMS calls. This represents a 3.3% increase in runs over 2017. Again, this run volume makes the Newark Fire Department the busiest in Licking County as well as the Central Ohio region. The men and women of Newark Fire & EMS are highly skilled and specially trained to provide the best pre-hospital care. Under the leadership of Fire Chief Patrick Connor and our Medical Director, Dr. Ashley Larrimore, the Newark Fire Department delivers service and support 24 hours a day, 365 days a year with a full-time staffing model that currently includes 68 firefighter/paramedics and 11 firefighter/EMTs.

2018 was another year of refinement. The EMS Division continued to provide a solid platform for the goals defined in the previous year while also developing strategic plans for years to come. Our medical director, Dr. Ashley Larrimore, completed a comprehensive update to our protocol during the summer of 2018. The update clarified and simplified several of our protocols and

added new treatments to allow us to better serve the citizens of Newark. The Newark Fire Department continues to enhance aspects of our patient care reporting. The division has been using *Rescue Medic*, a patient reporting platform for a little more than a year now. For the most part the software has been successful and the division is continually working on improvements to maximize its usage. The division continues to use the “first call” agreement with Air-Evac Lifeteam, a medical helicopter service, which improves critical patient outcomes. The EMS Division purchased a new cardiac monitor (*Lifepak 15*), 4 pediatric *King Vision* adapters, 4 portable fetal dopplers and pediatric *Igel* airway devices. All were accomplished while still staying within the division’s budget. All 9 of the division’s *Lifepak 15* monitors now have modems installed in them allowing for transmission of EKG strips to the hospital from the scene. This will help speed up care on arrival at the hospital for our patients. Eight additional paramedics received special training in aggressive airway techniques that included the use of paralytics. These additional medics now provide the division with 17 rapid sequence intubation (RSI) trained medics to provide advance airway techniques as needed. Finally, we are still battling the increase in substance abuse, specifically heroin. We are responding to an “overdose” related call about every 5 days. This has resulted in a slight decrease in the use of Naloxone (Narcan) which is administered to reverse the effects of opiate based substances.

Two significant EMS accomplishments were achieved in 2018. The division was again nationally recognized by the American Heart Association for outstanding patient care of individuals experiencing cardiac related events such as heart attacks and strokes. The division received AHA’s silver level of the “heart line award” for 2018. In the fall of 2018, the division placed into service, a bariatric transport unit. The medic is housed at station 3 and contains a 1600# manual cot with a ramp and winch loading system. This addition has reduced the wait time for a bariatric transport truck from a mutual aid department and provided a safer way to transport bariatric patients in our community.

Working with the Medical Director, the division plans to continually update and add additional procedures within the EMS protocol and to also enhance training opportunities for our EMS personnel. Strategic plans include working with the physical resource chief on acquiring one or more new transport units, updating the modems for the *Lifepak 15* heart monitors, continue to work on meeting the Board of Pharmacy regulations, purchase a cardiac monitor, continue to work towards replacing the division cots, and finally work towards improving the divisions quality analysis and improvement procedures.

## **Training Division**

The training division, for the Newark Division of Fire & EMS, has a wide variety of responsibilities. These responsibilities include scheduling contractual and monthly trainings, assisting personnel with certification audits, ensuring personnel maintain their certifications according to their job descriptions, and maintaining all records for compliance with the State of

Ohio. The Newark Division of Fire & EMS is a state approved training site for personnel to obtain their continuing education hours. In addition to this, the division is also a training site for students needing ride time for fire and EMS certifications. The training division handles all the online applications and scheduling of these students.

To deliver the training to personnel, the division utilizes instructors from internal and external sources. The department currently has 20 fire instructors, 5 EMS instructors, and 4 continuing education instructors. The department subscribes to the *FireRescue1 Academy* for on line training opportunities for department personnel.

All division paramedics were recertified in PALS and all personnel were recertified in CPR. The department is working closely with the Newark Police Department to enhance response to active shooter emergencies, including hands on training. The department maintains 2 paramedics trained in Tactical EMS that train and respond with NPD's Special Operations Group (SOG).

### **Prevention Bureau**



**Insp. Baker**

This year has been another busy and productive year. Between the two inspectors we completed 945 fire safety inspections, 9 Juvenile Fire Setters were educated, completed fire safety education for 251 customers and supervised 4 fireworks shows during the year.



**Insp. Gossett**

Inspector Gossett works closely with the Property Maintenance Division to identify and mark blighted and dangerous properties with a red "X". The red "X" provides an added layer of safety to the responding fire personnel alerting them to deadly hazards inside the structure. Both divisions work diligently to keep these properties secured. And if conditions warrant demolish the building to remove the hazard.

The fire code references many sections of NFPA. We have purchased hard copies of the NFPA sections that we research most often. We also have the code commentary for the Ohio Fire Code which explains the code in easier to understand language. The drive space on the server continues to be a helpful place to share and save information that both inspectors use on a regular basis.

We continue to have a close working relationship with the Property Maintenance Division and the Building Code Department. The bureau also assisted the State Fire Marshal with numerous inspections throughout the year.

The inspection bureau had some challenges this year with some larger time consuming issues. We presented three cases to the Board of Building Appeals. These cases required a great deal of

preparation and research. With these challenging issues; the assistance of the law director's office has been a huge asset to the bureau.

We continue to work to update the business information in our database and cross reference the information in the CAD database. We hope to streamline this information with both entities so our databases of business names are updated more frequently, are more accurate to be able to provide more detailed information to responding personnel.

The bureau strives to make the City of Newark a safer place to live and work. Our goals for 2019 are:

- Increase prevention education
- Continue to increase the use of the Inspection Files Software
- Increase fire inspections
- Create and implement an inspection fee schedule
- Align database information and CAD information

### **Arson Bureau**



Tim Smith has been employed for the City of Newark for over 31 years, the last 17 being in the 40-hour investigator position. He remains certified as a Firefighter II/EMT-P/PADI Open-Water Scuba Diver/Certified Fire Safety Inspector (CFSI)/Certified Fire Investigator (CFI-I.A.A.I.)/Reserve Police Officer (NPD). There were 108 investigations completed in 2018. In February, we had (1) Juvenile Custody Hearing. In March, (5) Juveniles were charged with Arson, (3) of which lived out-of-county. In April, (1) Adult was charged with Aggravated Arson. In May, (1) Adult was charged with Public Indecency.

In June, (1) Juvenile accidentally or intentionally set their own clothing on fire (on their person). Also, (3) Juveniles were charged with Arson. In August, we suffered (1) Adult Fatality, in a house fire. In October, (1) Adult was charged with Disorderly Conduct/Resisting Arrest, out of a Dousing (ignitable liquid) incident. Also, (1) Adult was charged with Aggravated Arson. This brings a total of (8) Juveniles charges with Arson, (2) Adults charged with Aggravated Arson and (2) Adults charged with other crimes.

## 2018 NFD Statistics

**Total Combined Calls for Service = 11236**

**Total Calls for Service - Fire = 1482** (580 assists-up not included in this number)

**Total Calls for Service - EMS = 9754** (includes 580 assists-up handled by fire apparatus and by EMS units)

**Total Number of Vehicle Responses for runs in Newark, counting Newark vehicles only = 19,335**

The above data was compiled using raw data from the Licking County Regional Communications Center. This is closest to the actual number of calls for service for NFD. On the next page are response statistics that involve multiple unit responses in a myriad of combinations. The statistics below are more representative of how NFD deploys apparatus. Therefore they are a true measure of how many times vehicles are responding when a call for service is made.

## Fire Statistics

\*Note that total fire runs include calls for service where a fire and EMS report were made for the same event (i.e. EMS assists, Accidents with injuries, Assist Invalid etc.)

<b>Total Fire Runs</b>	4,410		
<b>Estimated total property value of all fires</b>	\$13,099,211		
<b>Estimated loss of property</b>	\$2,231,141	17.72%	
<b>Estimated saved property</b>	\$10,778,070	82.28%	
<b>Building Fire Total</b>	104		<b>District of structure fire</b>
			District 1 50(48%)
<b>Fire- Type of Structure</b>			District 2 15(14%)
1 or 2 Family structures	52		District 3 13(13%)
Multi-Family	13		District 4 5(5%)
Garages or out buildings	20		Outside of Newark 21(20%)
Commercial	18		
Other	1		<b>Fire calls by district</b>
			District 1 1887(43%)
<b>Civilian and Firefighter Injuries</b>			District 2 1067(24%)
Civilians injured	3		District 3 922(21%)
Civilian deaths	1		District 4 233(5%)
Firefighter injuries	0		Outside of Newark 301(7%)
<b>Smoke Detectors</b>			<b>Calls by apparatus</b>
No smoke detectors	66		Rescue 1 2319
Smoke detectors alerted occupants	9		Ladder 2 1375
Unknown	9		Engine 3 1420
Present but did not work	1		Ladder 1 307
Not applicable (garage or storage areas)	19		Battalion 1 1358
			EMS 2 75
<b>Time of call for structure fires</b>			<b>Cause of fire</b>
0700-1500	32		Intentional 12
1501-2300	37		Unintentional 28
2301-0700	35		Undetermined 9
3:00pm to 11:00pm was peak time for fire			Other 21

<b>Incident Type</b>		
	<b>Fire</b>	
111	Building fire	104
112	Fires in structure other than in a building	2
113	Cooking fire, confined to container	29
114	Chimney or flue fire, confined to chimney or flue	5
118	Trash or rubbish fire, contained	2
122	Fire in motor home, camper, recreational vehicle	1
131	Passenger vehicle fire	28
132	Road freight or transport vehicle fire	2
138	Off-road vehicle or heavy equipment fire	1
140	Natural vegetation fire, Other	8
141	Forest, woods or wildland fire	1
142	Brush or brush-and-grass mixture fire	3
143	Grass fire	1
150	Outside rubbish fire, Other	2
151	Outside rubbish, trash or waste fire	24
154	Dumpster or other outside trash receptacle fire	10
160	Special outside fire, Other	2
161	Outside storage fire	1
162	Outside equipment fire	1
	Total	<b>227</b>
	<b>Overpressure, rupture, explosion, overheat (no fire)</b>	
211	Overpressure rupture of steam pipe or pipeline	1
240	Explosion (no fire), Other	1
251	Excessive heat, scorch burns with no ignition	8
	Total	<b>10</b>

	<b>Rescue &amp; Emergency Medical Service Incident</b>	
300	Rescue, EMS incident, other	1
311	Medical assist, assist EMS crew	1606
320	Emergency medical service, other	1
322	Motor vehicle accident with injuries	97
323	Motor vehicle/pedestrian accident (MV Ped)	20
324	Motor Vehicle Accident with no injuries	190
331	Lock-in (if lock out , use 511 )	9
352	Extrication of victim(s) from vehicle	11
353	Removal of victim(s) from stalled elevator	8
355	Confined space rescue	1
360	Water & ice-related rescue, other	1
	Total	<b>1945</b>
	<b>Hazardous Condition (No fire)</b>	
410	Combustible/flammable gas/liquid condition, other	2
411	Gasoline or other flammable liquid spill	13
412	Gas leak (natural gas or LPG)	45
413	Oil or other combustible liquid spill	2
421	Chemical hazard (no spill or leak)	1
422	Chemical spill or leak	2
424	Carbon monoxide incident	20
440	Electrical wiring/equipment problem, Other	8
441	Heat from short circuit (wiring), defective/worn	16
442	Overheated motor	12
444	Power line down	48
445	Arcing, shorted electrical equipment	18
461	Building or structure weakened or collapsed	1
463	Vehicle accident, general cleanup	6
480	Attempted burning, illegal action, Other	1
481	Attempt to burn	1
	Total	<b>196</b>

	<b>Service Call</b>	
500	Service Call, other	22
510	Person in distress, Other	2
511	Lock-out	20
520	Water problem, Other	5
522	Water or steam leak	16
531	Smoke or odor removal	21
541	Animal problem	3
542	Animal rescue	2
550	Public service assistance, Other	6
551	Assist police or other governmental agency	19
552	Police matter	11
553	Public service	13
554	Assist invalid	507
555	Defective elevator, no occupants	7
561	Unauthorized burning	108
	Total	<b>762</b>
	<b>Good intent Call</b>	
600	Good intent call, Other	12
611	Dispatched & cancelled en route	630
621	Wrong location	1
622	No Incident found on arrival at dispatch address	183
631	Authorized controlled burning	37
632	Prescribed fire	2
641	Vicinity alarm (incident in other location)	1
650	Steam, Other gas mistaken for smoke, Other	1
651	Smoke scare, odor of smoke	14
652	Steam, vapor, fog or dust thought to be smoke	6
671	HazMat release investigation w/no HazMat	49
	Total	<b>936</b>

	<b>False Alarm &amp; False Call</b>	
700	False alarm or false call, Other	51
714	Central station, malicious false alarm	4
715	Local alarm system, malicious false alarm	2
721	Bomb scare - no bomb	2
730	System malfunction, Other	6
731	Sprinkler activation due to malfunction	2
733	Smoke detector activation due to malfunction	36
734	Heat detector activation due to malfunction	4
735	Alarm system sounded due to malfunction	39
736	CO detector activation due to malfunction	22
740	Unintentional transmission of alarm, Other	9
741	Sprinkler activation, no fire - unintentional	3
742	Extinguishing system activation	1
743	Smoke detector activation, no fire - unintentional	53
744	Detector activation, no fire - unintentional	18
745	Alarm system activation, no fire - unintentional	70
746	Carbon monoxide detector activation, no CO	9
	Total	<b>331</b>
	<b>Weather event</b>	
814	Lightning strike (no fire)	1
	Total	<b>1</b>
	<b>Special Incident</b>	
900	Special type of incident, Other	1
911	Citizen complaint	1
	Total	<b>2</b>
	Grand Total	<b>4410</b>

## EMS Statistics

<b>Total EMS Calls for Service</b>	9173		
<b>Total Transports to LMH</b>	62%	<b>False alarm or DOA</b>	15%
<b>Calls by day of the week</b>		<b>District comparisons</b>	
Sunday	1237	District 1	4151(45%)
Monday	1398	District 2	2315(25%)
Tuesday	1271	District 3	1972(21%)
Wednesday	1326	District 4	737(8%)
Thursday	1364		
Friday	1343	<b>Medic unit comparisons</b>	
Saturday	1234	Medic 1	3494
		Medic 2	2522
<b>Calls by hour of the day</b>		Medic 3	2020
0:00	246	Medic 4*	832
1:00	218	Medic 6***	20
2:00	224	Rescue 1	113
3:00	169	Ladder 2	70
4:00	173	Engine 3	17
5:00	154	EMS 2**	14
6:00	207		
7:00	269	*Medic 4 not in service	
8:00	346	every day due to staff levels	
9:00	436	**EMS 2 instituted 11/1/18	
10:00	474	***Medic 6- bariatric only	
11:00	531		
12:00	506	<b>Monthly Medic Activity</b>	
13:00	537	Runs per month	764
14:00	528	Runs per day	25
15:00	560		
16:00	514	Medic 1 runs per day	10
17:00	529	Medic 2 runs per day	7
18:00	460	Medic 3 runs per day	6
19:00	499	Medic 4 runs per day	2
20:00	483		
21:00	421	<b>Age of patients</b>	
22:00	360	Pediatric (0-13)	463
23:00	321	Adult (14-64)	4421
		Senior (65+)	2827

<b>Common medication administered</b>	
Adenosine	15
Albuterol	133
Albuterol/Ipratropium	204
Aspirin	374
Dextrose	26
Epinephrine	56
Fentanyl	51
Glucagon	10
Ipratropium	115
Ketamine	5
Lidocaine	18
Naloxone (Narcan)	91
Nitroglycerin Spray	191
Oxygen	908
Succinylcholine	6
Tranexamic Acid (TXA)	5
Zofran	207