

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



ANNUAL REPORT 2017

FEBRUARY 15, 2018

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Letter from the Chief



The Newark Fire Department (NFD) continues to provide an outstanding emergency service to the residents of Newark. In 2017, the department responded to 11,223 emergencies (9.3% increase from 2016), which is the highest annual call volume in NFD history. Despite a difficult fiscal situation, the fire department staff continues to work hard to provide the level of service that the community expects and deserves.

With that in mind, federal and local grants are aggressively pursued, helping to provide needed equipment. Notably, the Staffing for Adequate Fire & Emergency Response Grant (SAFER) was awarded to NFD, maintaining staffing at 79 sworn firefighters. The department received the American Heart Association 2017 Mission: Lifeline® EMS Gold Level Recognition Award, the highest award to departments that implement quality improvement measures for patients that experience severe heart attacks.

Furthermore, the department restructured the command staff and created a Deputy Chief position. Deputy Chief Brandon Metzger now serves as second in command of the fire department. Additionally, we have implemented new emergency medical reporting software, reviewed and updated all division policies, purchased a new staff vehicle, and had a successful review from the Insurance Services Organization (ISO), which is used to define a homeowner's insurance rates within the city.

Even though NFD continues to get busier, this past year was marked by a 7.5% reduction in building fires, which is indicative of our prevention efforts. Our goal is to prevent a fire before it occurs.

I hope that the information provided in this 2017 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.

Respectfully,

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

Fire Chief

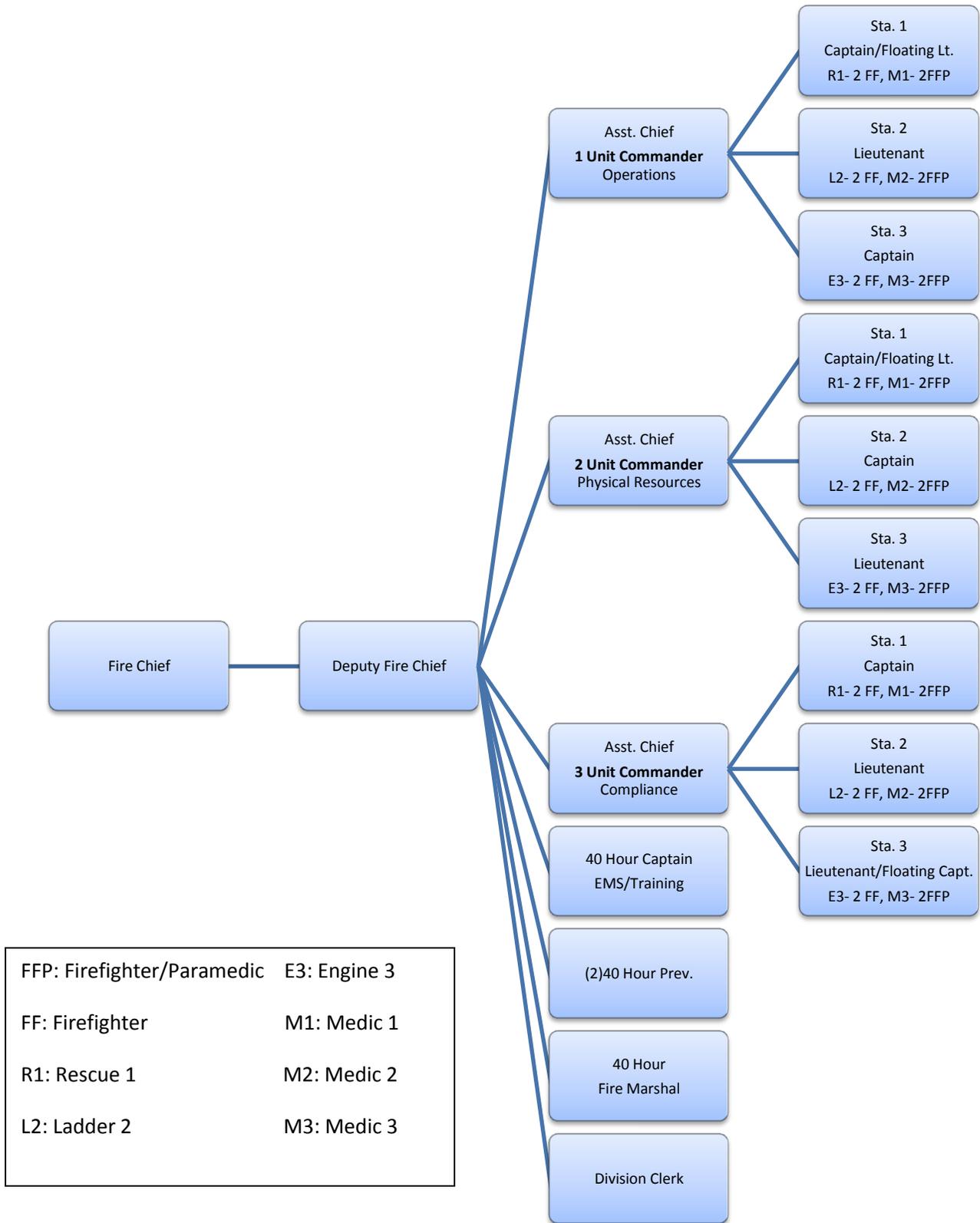
Mission Statement

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.

2017 Newark Fire Department Organizational Chart



| | |
|----------------------------|--------------|
| FFP: Firefighter/Paramedic | E3: Engine 3 |
| FF: Firefighter | M1: Medic 1 |
| R1: Rescue 1 | M2: Medic 2 |
| L2: Ladder 2 | M3: Medic 3 |

2017 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 2017 totaled just over \$5.4 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 2017 was \$8,808,377 and includes revenue sources from local taxes, grants, EMS billing, donations and false alarm billings. Specifically, EMS billing generated \$1,467,784 in revenue and the fire department receives 40% of those revenues 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 90% dedicated to personnel and the remaining 10% 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 recent declines in the economy and revenue 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 68th 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) is the Account Clerk for the Division of Fire/EMS. She has been with the city of Newark for 18 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) 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 14 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, employee 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. There is a more detailed description within this report relating to each respective responsibility.

At the start of 2017, the Division strength totaled 75 members. Nine (9) members left the division during the year, and eight (8) members have been sworn in, leaving the current strength at 74 personnel. The department has been awarded a SAFER (Staffing for Adequate Fire and Emergency Response) Grant to hire three (3) personnel, and the fire department has budgeted revenue to sustain a total strength of 79.

Compliance



AC Clouse

The compliance division is managed by Assistant Chief John Clouse (jclouse@newarkohio.net). Chief Clouse is a 29 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 2017 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 Human Resources Division is managed by Assistant Chief David Decker (ddecker@newarkohio.net). He has been with the division for 27 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 67 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 a 75-foot ladder truck with three personnel, and a transport medic with two personnel. Station-3 operates an engine 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 11,223 calls for service in 2017 with medical calls accounting for 86% of the call volume.

Physical Resources



AC Simmons

The Physical Resources Division is managed by Assistant Chief Nick Simmons (nsimmons@newarkohio.net). He has been with the division for 22 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.

Front line response vehicles:

2017 brought some improvements to the fleet. Engine 3, a 2004 E-One Typhoon, received the first front line refurbishment in recent history. This refurbishment addressed many mechanical issues for the chassis in addition to fire pump and interior upgrades. The engine and transmission were taken out of the vehicle and totally overhauled. New brakes and tires were installed as well. The fire pump was overhauled, exterior scene lights upgraded, interior components replaced, rust damage repaired/repainted and roll up compartment doors redone so they operate smoothly. Although this was not an inexpensive endeavor, the investment should extend the serviceable life of the apparatus for another 5 years.

Maintenance 1, a 2005 Chevy 3500 pickup truck received a major upgrade. The completely rusted out utility bed was removed and a new stainless steel bed installed with a stainless steel fuel tank in the event we need to fuel vehicles in the field. Maintenance 1 also had a new plow installed to replace its failing predecessor.

Chief 1, the Fire Chief's response vehicle, was replaced with a 2018 Ford Explorer Interceptor. Previously the Chief used a 2003 Jeep Cherokee that was mechanically unreliable.

The Reserve Engine, the 1995 Sutphen, was re-equipped with numerous items that had been switched to fill voids on front line apparatus. Items ranged from tool boxes and hand tools (axes, haligans etc.) to saws and fans. The end result is a reserve engine that is fully functional with minimal transfer of equipment from a vehicle going out of service for maintenance.

| EMS Vehicle | Year | Mileage | Miles added in 2017 |
|---------------|---------------|---------|---------------------|
| Medic 1 | 2015 | 47,661 | 21,955 |
| Medic 2 | 2016 | 19,155 | 19,155 |
| Medic 3 | 2012 | 66,109 | 14,036 |
| Medic 4 | 2012 | 93,662 | N/A |
| Reserve Medic | 2007 | 128,081 | N/A |
| Reserve Medic | 2008 | 101,198 | N/A |
| Average | 5.3 years old | 75,977 | 18,382 |

| Fire Apparatus | Year | Mileage | Change from 2016 |
|----------------|--------------|--------------|-------------------------------|
| Rescue 1 | 2015 | 27,682 | 8,430 |
| Ladder 2 | 2006 | 103,792 | 8,594 |
| Engine 3 | 2004 | 109,950 | 5,550 (OOS for 4 months) |
| Engine 4 | 1996 | 131,986 | 1,738 |
| Tower 1 | 1996 | 21,136 | 1,448 |
| Reserve | 2006 | 134,908 | N/A (changed reserve vehicle) |
| Average | 13 years old | 88,242 miles | 5,152 miles/year |

Medic Unit Replacement:

A new EMS transport vehicle was delivered in March of 2017. The new vehicle replaced Medic 2 on Hollander Street. A new medic unit should be purchased every 18 months in order to meet replacement needs and maintain a service ready reserve fleet for the division.

Communications Equipment:

In 2016 NFD assisted 9 other Licking County departments in applying for a state grant for MARCS radios. In March of 2017, Licking County was awarded \$243,000 for MARCS radios. While the division would not directly benefit from any grant awards, we would indirectly benefit by being able to reliably communicate with all departments that surround us. Moreover, the award will enable the entire county to be equipped with the MARCS system.

Capital Improvements:

- 3 New thermal imaging cameras were acquired. 2 cameras were purchased by the division and one was awarded from the Aladdin Shriner’s Grant.
- Station 2 received a main bathroom overhaul- the old bathroom was totally remodeled with a new vanity, a larger shower, updated lighting, flooring and toilets.
- Station 3 had the entire interior repainted and the floors stripped and rewaxed. New apparatus bay lighting was added at a minimal cost due to reimbursement awards from AEP.
- Additional fire gear storage was added at station 1.
- Additional exercise equipment was added to stations 1, 2 and 3. TV monitors were also added in the fitness area so that staff could respond prior to the radio announcement of calls for service.
- A commercial power washer with steam was purchased for the division in order to properly clean the aerial apparatus.
- Station 4 had the air conditioning unit replaced.
- Fire prevention updated their tablets so that they are better equipped to use technology in the field, thereby decreasing redundant work and increasing efficiency.

- EMS reporting software was changed to a more user friendly, efficient, reliable, better supported vendor.

Goals completed from 2017:

- Utility bed replacement for plow vehicle
- Replace 1 staff vehicle annually

Goals for 2018:

- Ladder 2 replacement
- Vehicle replacement schedule
- Purchase 1 staff vehicle
- Purchase fire gear so that we keep a regular rotation in compliance with national standards.

Emergency Medical Services



Capt Lynn

The Training division is managed by Captain Terry Lynn. Captain Lynn is an 18 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 at Newark Fire 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 within the areas of basic life support, first aid, public health, disaster planning.

Newark Fire is a “fire based EMS agency”. In 2017, we responded to 9,690 EMS calls. Again, this run volume makes the Newark Fire Department one of 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 72 firefighter/paramedics.

2017 saw the EMS Division continual to provide a solid platform for the goals defined in the previous year while also developing strategic plans for years to come. The division transitioned to a new medical director. The current medical director, Dr. Panchal took another position and was unable to continue on. He recommended Dr. Ashley Larrimore, from OSU, as his

replacement. The transition has been well received by the department. The Newark Fire Department continued to enhance aspects of our patient care reporting. At the beginning of October the EMS Division switched to Rescue Medic for patient care reporting. This switch over has been a plus for pushing reports to the state and reliability for our medics. The division continues to use the “first call” agreement with Air-Evac aeromedical service. The EMS Division purchased a new cardiac monitor (Lifepak 15), 4 AED 1000’s, all new CPR mannequins and 2 AED trainers. All was accomplished while still staying within the division’s budget. All 8 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. September 1st, 2017 saw the roll out of our RSI (Rapid Sequence Intubation) protocol. Nine paramedics received special training in aggressive airway techniques that included the use of paralytics. Finally, we are still battling the increase in substance abuse, specifically heroin. We are still responding to an “overdose” related call about every 3 days. This has resulted in an increase in the use of Naloxone (Narcan), which is administered to reverse the effects of opiate based substances.

Two significant accomplishments accorded for the EMS division in 2017. 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 gold level of the “heart line award” for 2017. The division also received the Trauma Award from OhioHealth for outstanding patient care in regards to trauma. The medics used progressive and proactive treatment to save a patient’s foot.

Working with the Medical Director, the division plans to update and add additional procedures within the EMS protocol and to also enhance equipment resources. Strategic plans include working with the physical resource chief on acquiring a new transport unit, updating the Board of Pharmacy license, continue to work on meeting the Board of Pharmacy regulations, continue to improve our reporting software, purchase an additional cardiac monitor, and develop a replacement plan for the division cots.

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. Our external instructors are from the local aero medical companies, other fire departments, and outreach instructors from the Columbus based health care systems.

During 2017, department personnel completed 1757 classes totaling 4740 hours. All division paramedics were recertified in PALS and all personnel were recertified in CPR. Policies covering mass casualty were re-written and a policy was developed for cancer awareness. In October, the division switched EMS software to Rescue Medic. Training was conducted with all personnel and a successful launch was conducted. The State Fire Academy provided their search and rescue simulator for several days. All personnel trained inside the unit and neighboring departments also were invited to participate in this training. On the EMS side, in service training on I-Gels was completed and specialized training was given to 9 paramedics on Rapid Sequence Intubation. This training was conducted by the medical director. Tactical EMS training was provided for our personnel throughout the year. 2 paramedics received additional training throughout 2017 to assist the city SOG team. All new CPR mannequins were purchased with two new AED trainers for the training division. Finally, the division was re-certified as a continuing education site through the state of Ohio.

Goals for 2018 are: ACLS recertification for our paramedics, continued research and applying for training grants and aides, more utilization of our in house instructors and training facilities, and setting up training using The State Fire Academy's driving simulator. Completion of the cancer prevention policy and its implementation will be an additional 2018 goal.

The division will continue to work with our medical director and chiefs to produce quality and topical training, to our personnel, to better serve our community and those around us.

Prevention Bureau



2017 brought positive changes to the prevention bureau. Inspector Baker was joined by Inspector Bruce Gossett. Bruce Gossett completed his formal inspector training and became a Certified Fire Safety Inspector during 2017. Having another inspector has been an excellent asset to the bureau. Since the additional inspector was implemented, inspections doubled for the year. We completed 667 fire safety inspections, 9 Juvenile Fire Setters, completed fire safety education for 164 customers and supervised 2 fireworks shows during the year.

We have streamlined our record keeping of red "X" files. During 2017 there we 6 properties demolished. None of the properties were rehabbed. To date there are currently 12 properties with an "X". There was discussion about only marking these properties in the CAD and not on the

building. However, all felt it best to continue to have the marking on the building. This way there would not be any confusion or lack of communication to arriving fire personnel.

We continue to use space on a drive on the server. All the old paper files have been scanned and placed onto this drive. This has proved to make finding information easier and more streamlined. We have also placed some most used forms on this drive. As well as any information that both inspectors use on a regular basis has been shared on the server.

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 2017 Ohio Fire Code was adopted and placed into effect on December 15, 2017. There have been many updates to this code and we will work to implement and enforce these changes. One major change is the addition of a section for food trucks. This is a welcome change as we have not had a code reference for this type of situation.

We are working as time allows updating the business names in the CAD. The alarm room has provided us with a list of names and address they have on file. We are cross referencing those with our database and making corrections.

The bureau strives to make the City of Newark a safer place to live and work. Our goals for 2018 are:

- Increase prevention education
- Continue to increase the use of the Inspection Files Software
- Increase fire inspections
- Work to achieve zero fire-related fatalities in 2018

Arson Bureau



Marshal Smith

Tim Smith has been employed for the City of Newark for over 30 years, the last 16 being in the 40-hour investigator position. He remains certified as a EMT-Paramedic/Fire Fighter II/PADI Open-Water Scuba Diver/Certified Fire Safety Inspector (CFSI)/Certified Fire Investigator (CFI)/Police Officer (NPD Reserve). Tim attended the Central Ohio Technical College from January 2017-May 2017, receiving a Peace Officer Certificate. There were 66 investigations in 2017, down from the previous years due to his education to become a Certified Peace Officer (via OPOTA). In July, we suffered (1) adult fatality from a residential structure fire. In August, (1) Juvenile was charged with Arson, (5) other accomplices. In September, (3) Juveniles were charged with Arson. In November, (1) Adult was charged with Aggravated Arson, (2) Juveniles were charged with Arson, one being a repeat offender.

2017 NFD Statistics

Total Combined Calls for Service = 11223

Total Calls for Service - Fire = 1533 (628 assists-up not included in this number)

Total Calls for Service - EMS = 9690 (includes 628 assists-up handled by fire apparatus)

Total Number of Vehicle Responses for runs in Newark, counting Newark vehicles only = 17,359

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. Below 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.)

| | |
|-----------------------|-------------|
| Total Fire Runs | 4,424 |
| Estimated Dollar Loss | \$3,905,450 |

| | |
|--------------------------------|----|
| Building Fire total | 69 |
| Fire- Type of Structure | |
| 1 or 2 Family Structures | 39 |
| Multi-family | 5 |
| Garages or out buildings | 6 |
| Commercial | 4 |
| Other | 15 |

| | |
|-----------------------------------|----|
| District of structure fire | |
| Station 1 | 34 |
| Station 2 | 5 |
| Station 3 | 5 |
| Station 4 | 10 |
| Outside City | 15 |

| | |
|--|---|
| Civilian and Firefighter injuries | |
| Civilians injured | 5 |
| Firefighter injuries | 0 |

| | |
|-----------------------------|---------------|
| District Comparisons | |
| District 1 | 1,929 (46.4%) |
| District 2 | 1,083 (26.0%) |
| District 3 | 894 (21.5%) |
| District 4 | 246 (5.9%) |
| Out of the City | 272 (6.5%) |

| | |
|-----------------------------------|----|
| Smoke Detectors | |
| No smoke detectors | 20 |
| Smoke detectors alerted occupants | 19 |
| Unknown | 12 |
| Not Applicable | 13 |
| Present but did not work | 2 |

| | |
|------------------------------|------|
| Apparatus Comparisons | |
| Rescue 1 | 2353 |
| Ladder 2 | 1346 |
| Engine 3 | 1276 |
| Ladder 1 | 300 |

| Time of call for structure fires | | Cause of Fire | |
|---|----|----------------------|----|
| 0700-1500 | 29 | Intentional | 15 |
| 1501-2300 | 20 | Unintentional | 49 |
| 2301-0700 | 20 | Undetermined | 5 |

0700-1500 was peak time for a fire

| Incident Type | Count | Pct of Incidents | Total Est Loss |
|---|--------------|-------------------------|-----------------------|
| 1 Fire | | | |
| 111 Building fire | 69 | 1.55% | \$3,905,450 |
| 113 Cooking fire, confined to container | 10 | 0.22% | \$5,000 |
| 114 Chimney or flue fire, confined to chimney | 2 | 0.04% | \$0 |
| 118 Trash or rubbish fire, contained | 2 | 0.04% | \$0 |
| 120 Fire in mobile prop used as a fixed struc, | 2 | 0.04% | \$5,025 |
| 121 Fire in mobile home used as fixed residence | 1 | 0.02% | \$5,000 |
| 131 Passenger vehicle fire | 23 | 0.51% | \$55,200 |
| 132 Road freight or transport vehicle fire | 2 | 0.04% | \$10,500 |
| 140 Natural vegetation fire, Other | 12 | 0.27% | \$50 |
| 141 Forest, woods or wildland fire | 2 | 0.04% | \$0 |
| 142 Brush or brush-and-grass mixture fire | 16 | 0.36% | \$0 |
| 143 Grass fire | 2 | 0.04% | \$0 |
| 150 Outside rubbish fire, Other | 1 | 0.02% | \$0 |
| 151 Outside rubbish, trash or waste fire | 17 | 0.38% | \$70 |
| 154 Dumpster or other outside trash receptacle | 14 | 0.31% | \$350 |
| 155 Outside stationary compactor/compacted | 1 | 0.02% | \$0 |
| 160 Special outside fire, Other | 3 | 0.06% | \$265 |
| 162 Outside equipment fire | 5 | 0.11% | \$301,200 |
| 170 Cultivated vegetation, crop fire, Other | 1 | 0.02% | \$0 |
| | 185 | 4.18% | \$4,288,110 |
| 2 Overpressure Rupture, Explosion, Overheat(no fire) | | | |
| 251 Excessive heat, scorch burns with no | 1 | 0.02% | \$0 |
| | 1 | 0.02% | \$0 |

3 Rescue & Emergency Medical Service Incident

| | | | |
|--|--------------|---------------|------------|
| 300 Rescue, EMS incident, other | 2 | 0.04% | \$0 |
| 311 Medical assist, assist EMS crew | 1,677 | 37.90% | \$0 |
| 320 Emergency medical service, other | 4 | 0.09% | \$0 |
| 322 Motor vehicle accident with injuries | 108 | 2.44% | \$0 |
| 323 Motor vehicle/pedestrian accident (MV Ped) | 19 | 0.42% | \$0 |
| 324 Motor Vehicle Accident with no injuries | 151 | 3.41% | \$0 |
| 331 Lock-in (if lock out , use 511) | 1 | 0.02% | \$0 |
| 350 Extrication, rescue, Other | 1 | 0.02% | \$0 |
| 352 Extrication of victim(s) from vehicle | 9 | 0.20% | \$0 |
| 353 Removal of victim(s) from stalled elevator | 9 | 0.20% | \$0 |
| 360 Water & ice-related rescue, other | 1 | 0.02% | \$0 |
| 363 Swift water rescue | 2 | 0.04% | \$0 |
| | 1,984 | 44.84% | \$0 |

4 Hazardous Condition (No Fire)

| | | | |
|---|------------|--------------|----------------|
| 400 Hazardous condition, Other | 4 | 0.09% | \$0 |
| 410 Combustible/flammable gas/liquid conditior | 1 | 0.02% | \$0 |
| 411 Gasoline or other flammable liquid spill | 8 | 0.18% | \$0 |
| 412 Gas leak (natural gas or LPG) | 47 | 1.06% | \$0 |
| 413 Oil or other combustible liquid spill | 3 | 0.06% | \$0 |
| 421 Chemical hazard (no spill or leak) | 1 | 0.02% | \$0 |
| 422 Chemical spill or leak | 1 | 0.02% | \$0 |
| 424 Carbon monoxide incident | 17 | 0.38% | \$0 |
| 440 Electrical wiring/equipment problem, Other | 20 | 0.45% | \$500 |
| 441 Heat from short circuit (wiring), | 11 | 0.24% | \$0 |
| 442 Overheated motor | 12 | 0.27% | \$1,000 |
| 443 Breakdown of light ballast | 2 | 0.04% | \$0 |
| 444 Power line down | 38 | 0.85% | \$0 |
| 445 Arcing, shorted electrical equipment | 19 | 0.42% | \$0 |
| 460 Accident, potential accident, Other | 2 | 0.04% | \$0 |
| 461 Building or structure weakened or collapsed | 1 | 0.02% | \$0 |
| 463 Vehicle accident, general cleanup | 24 | 0.54% | \$0 |
| 471 Explosive, bomb removal (for bomb scare, | 2 | 0.04% | \$0 |
| | 213 | 4.81% | \$1,500 |

5 Service Call

| | | | |
|--|------------|---------------|------------|
| 500 Service Call, other | 23 | 0.51% | \$0 |
| 510 Person in distress, Other | 3 | 0.06% | \$0 |
| 511 Lock-out | 25 | 0.56% | \$0 |
| 520 Water problem, Other | 4 | 0.09% | \$0 |
| 522 Water or steam leak | 10 | 0.22% | \$0 |
| 531 Smoke or odor removal | 36 | 0.81% | \$0 |
| 550 Public service assistance, Other | 5 | 0.11% | \$0 |
| 551 Assist police or other governmental agency | 14 | 0.31% | \$0 |
| 552 Police matter | 7 | 0.15% | \$0 |
| 553 Public service | 7 | 0.15% | \$0 |
| 554 Assist invalid | 541 | 12.22% | \$0 |
| 561 Unauthorized burning | 120 | 2.71% | \$0 |
| 571 Cover assignment, standby, moveup | 2 | 0.04% | \$0 |
| | 797 | 18.01% | \$0 |

6 Good Intent Call

| | | | |
|---|------------|---------------|------------|
| 600 Good intent call, Other | 14 | 0.31% | \$0 |
| 611 Dispatched & cancelled en route | 674 | 15.23% | \$0 |
| 622 No Incident found on arrival at dispatch | 136 | 3.07% | \$0 |
| 631 Authorized controlled burning | 48 | 1.08% | \$0 |
| 641 Vicinity alarm (incident in other location) | 1 | 0.02% | \$0 |
| 650 Steam, Other gas mistaken for smoke, Other | 1 | 0.02% | \$0 |
| 651 Smoke scare, odor of smoke | 29 | 0.65% | \$0 |
| 671 HazMat release investigation w/no HazMat | 58 | 1.31% | \$0 |
| | 961 | 21.72% | \$0 |

7 False Alarm & False Call

| | | | |
|--|------------|--------------|------------|
| 700 False alarm or false call, Other | 45 | 1.01% | \$0 |
| 710 Malicious, mischievous false call, Other | 1 | 0.02% | \$0 |
| 711 Municipal alarm system, malicious false | 2 | 0.04% | \$0 |
| 715 Local alarm system, malicious false alarm | 2 | 0.04% | \$0 |
| 721 Bomb scare - no bomb | 2 | 0.04% | \$0 |
| 730 System malfunction, Other | 5 | 0.11% | \$0 |
| 731 Sprinkler activation due to malfunction | 5 | 0.11% | \$0 |
| 732 Extinguishing system activation due to | 1 | 0.02% | \$0 |
| 733 Smoke detector activation due to | 23 | 0.51% | \$0 |
| 735 Alarm system sounded due to malfunction | 15 | 0.33% | \$0 |
| 736 CO detector activation due to malfunction | 20 | 0.45% | \$0 |
| 740 Unintentional transmission of alarm, Other | 9 | 0.20% | \$0 |
| 741 Sprinkler activation, no fire - | 2 | 0.04% | \$0 |
| 742 Extinguishing system activation | 3 | 0.06% | \$0 |
| 743 Smoke detector activation, no fire - | 43 | 0.97% | \$0 |
| 744 Detector activation, no fire - | 11 | 0.24% | \$0 |
| 745 Alarm system activation, no fire - | 71 | 1.60% | \$0 |
| 746 Carbon monoxide detector activation, no CO | 22 | 0.49% | \$0 |
| | 282 | 6.37% | \$0 |

9 Special Incident Type

| | | | |
|-------------------------------------|----------|--------------|------------|
| 900 Special type of incident, Other | 1 | 0.02% | \$0 |
| | 1 | 0.02% | \$0 |

Total Incident Count: 4424 Total Est Loss: \$4,289,610

EMS Statistics

Total EMS Runs 9,690
Total Transports to LMH 5,717(59%)

Calls by day of the week

| | |
|-----------|------|
| Sunday | 1328 |
| Monday | 1366 |
| Tuesday | 1406 |
| Wednesday | 1408 |
| Thursday | 1453 |
| Friday | 1421 |
| Saturday | 1307 |

Calls by hour of day

| | |
|-------|-----|
| 0:00 | 266 |
| 1:00 | 251 |
| 2:00 | 230 |
| 3:00 | 218 |
| 4:00 | 193 |
| 5:00 | 222 |
| 6:00 | 232 |
| 7:00 | 282 |
| 8:00 | 377 |
| 9:00 | 464 |
| 10:00 | 487 |
| 11:00 | 522 |
| 12:00 | 552 |
| 13:00 | 524 |
| 14:00 | 520 |
| 15:00 | 552 |
| 16:00 | 524 |
| 17:00 | 544 |
| 18:00 | 545 |
| 19:00 | 482 |
| 20:00 | 497 |
| 21:00 | 445 |
| 22:00 | 393 |
| 23:00 | 353 |

District Comparisons

| | |
|------------|------------|
| District 1 | 4,312(44%) |
| District 2 | 2,471(25%) |
| District 3 | 2,278(23%) |
| District 4 | 630 (8%) |

Medic Unit Comparisons

| | |
|----------|-------|
| Medic 1 | 3,664 |
| Medic 2 | 2,564 |
| Medic 3 | 2,235 |
| Medic 4* | 658 |
| Rescue 1 | 237 |
| Ladder 2 | 158 |
| Engine 3 | 128 |
| EMS 1 | 52 |

*Medic 4 out of service
most days due to insufficient personnel.

Monthly Medic Activity

| | |
|-----------------|------|
| Runs per Month | 807 |
| Runs per day | 27 |
| M1 runs per day | 11.9 |
| M2 runs per day | 6.75 |
| M3 runs per day | 6.21 |
| M4 runs per day | 2.16 |

Age of Patients

| | |
|--------------------|------|
| Pediatric (0 - 13) | 328 |
| Adult (14 - 64) | 4341 |
| Senior (65+) | 2804 |

Common Medications administered

| | |
|-----------------------|-----|
| Adenosine | 14 |
| Albuterol/Ipratropium | 208 |
| Aspirin | 298 |
| Dextrose | 68 |
| Epinephrine | 47 |
| Fentanyl | 63 |
| Glucagon | 15 |
| Ipratropium | 190 |
| Ketamine | 11 |
| Lidocaine | 11 |
| Naloxone (Narcan) | 119 |
| Nitro Spray | 171 |
| Oxygen | 265 |
| TXA | 3 |
| Zofran | 39 |