

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



2014 YEAR-END REPORT

MARCH 15, 2015

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Letter from the Chief



The Newark Fire Department continues to be a progressive and professional fire department with responsibilities encompassing fire suppression, emergency medical services, fire prevention, arson and hazardous materials response. Emergency requests continue to increase and the department continues to answer the community's needs appropriately. Fire Chief Jack Stickradt Jr. retired in October after serving the community for 35 years. We are most appreciative of his 16 years as fire chief. I am humbled and excited to serve the residents and firefighters of this great city as Fire Chief. I look forward to interacting with the public and our personnel in a personal, consistent manner.

The national economic downturn has provided some challenges to many municipalities. Newark is no different. The administration continues to address creative ways to continue to provide great safety services to our community. Several metric based strategic decisions have been made to better serve our citizens. For instance, the relocation of the north end medic unit to a higher call volume area promotes proper emergency coverage and continues to be monitored for efficiency. Fortunately, we continue to equip all of our fire apparatus with advanced life support equipment and personnel. An advanced medical protocol has shown that Newark is one of the safest places to live. Survival of sudden cardiac arrest is significantly above the national average. A continued effort to provide a hazardous material response as part of the Licking County Hazardous Materials Team allows an added level of protection to the community we are proud of.

This annual report will show specific information regarding response and run statistics as well as the administrative responsibilities that are managed by our executive staff. There are four assistant chiefs with responsibilities including Operations, Logistics, Compliance and Human Resources. Other daily responsibilities such as training and emergency medical services are

managed by two administrative Captains. The hard work and dedication shown by all members of the fire department continues to keep the city safe every day.

I hope that the information provided in this report provides information to help understand the way the department functions and is managed. All data and metrics regarding the operations of the fire department are continually monitored and discussed in order to provide you the best fire department possible. As always, if there are any questions or concerns, feel free to contact me at 740-670-7650 or email at pconnor@newarkohio.net.

Respectfully,

Patrick T. Connor

Fire Chief

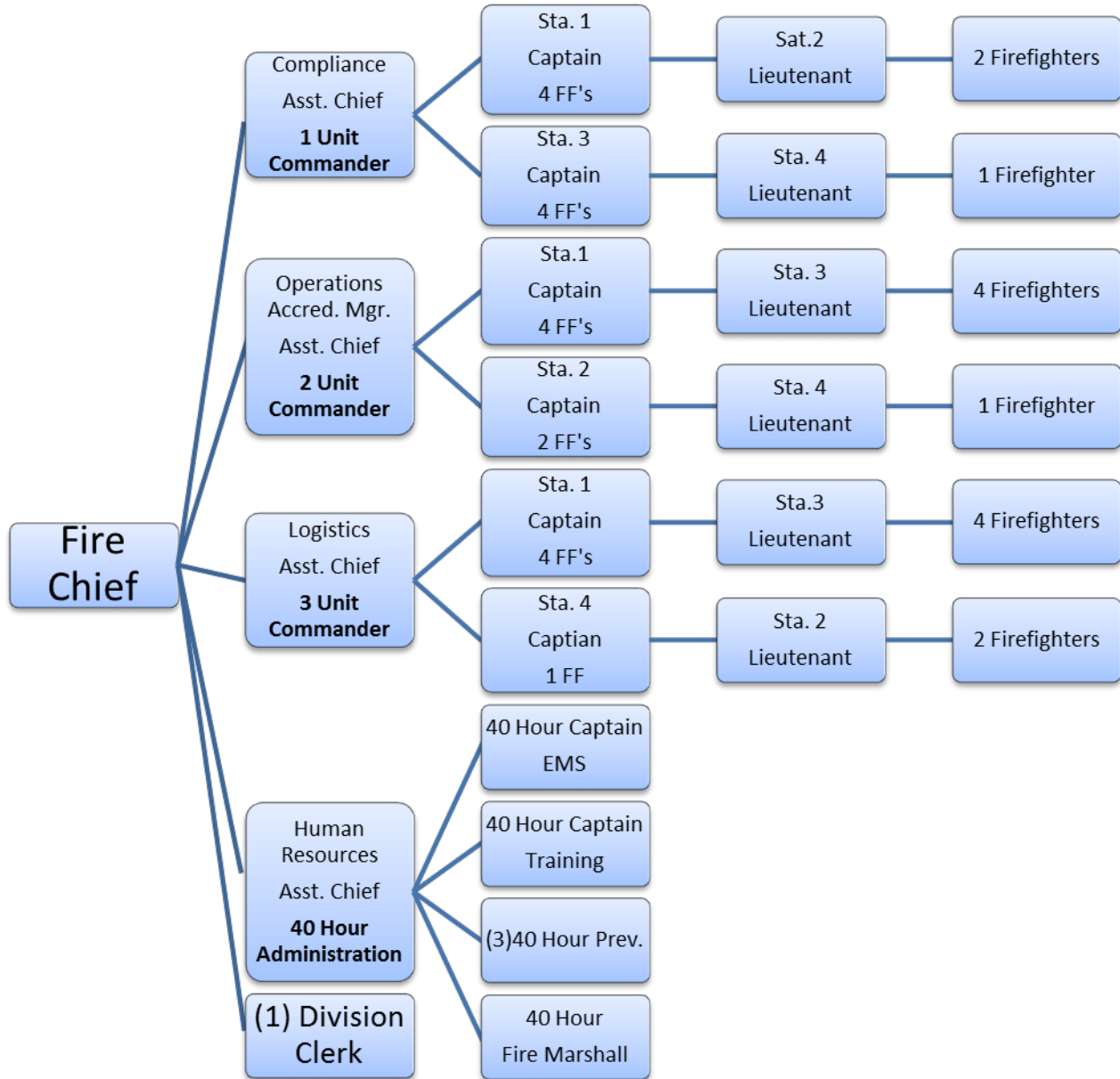
Mission Statement

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.

2014 Newark Fire Department Organizational Chart



➤ Above chart reflects on duty personnel and staffing projected at 16 daily staffing.

(1) Chief, (4) Assistant Chiefs, (8) Captains, (6) Lieutenants, (67) Firefighters, (73) Total

2014 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 2014 totaled just over \$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 2014 was \$8,156,675 and includes revenue sources from local taxes, grants, EMS billing, donations and false alarm billings. Specifically, EMS billing generated \$1,425,000 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 91.62% dedicated to personnel and the remaining 8.38% dedicated to operating costs. Although not ideal, great strides have been made in identifying areas to be more efficient and provide the same level of service to the community with monthly 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 is decided upon by the Mayor and the City Auditor.

Three-Year Strategic Plan

As part of the CFAI accreditation process, agencies that strive to become accredited must have a strategic plan in place. In addition, it just makes good sense to have a plan in place for the future. The planning process for our Strategic Plan began in 2008 with inter-departmental surveys and to determine the direction and goals of the Division. Several members from the Division provided valuable input concerning the needs of the agency.

The basis for the plan is reflected by interviews and discussions with Fire Personnel, community members, businesses and research to identify issues and areas of concerns that have been raised. These concerns and issues helped form and will continue to aid in the ongoing refinement of this plan.

The short term goals of the strategic plan are:

- Continue to monitor the notification/alarm processing data to ensure that calls for service are answered in a correct and timely manner.
- Finish construction and move in to Station 1.
- Pursue a physical fitness/wellness programs, consistent with staff/fiscal resources, for all staff
- Pursue funding to have the division at its full allotted staff.
- Pursue additional staff positions in fire prevention.
- Continue to pursue grant support for innovative and/or underfunded or non-funded programs.
- Purchase the following apparatus:
 1. Purchase one medic
 2. Purchase one pumper apparatus
 3. Purchase one staff vehicle
- The Fire Prevention Division will develop a comprehensive pre-incident planning process. This information will be entered into the occupancy module of Firehouse®

The longer term goals of the plan are:

- To maintain CFAI accreditation.
- Continued expansion in order to respond to underserved areas.
- Feasibility study for station 5
- Support the Research and Development Division to maintain a knowledge base in the areas of best practices, hardware, and software development which enhance the Divisions effectiveness
- Purchase state-of-the-art equipment/apparatus as fiscal resources allow
- Develop a career development program to ensure staff have or are pursuing college degrees from accredited institutions of higher learning.
- Expand/refine elements of public education to inform the citizens of fire and related hazards with threaten their personal well being

This plan is the framework for the future of Newark Fire Department. As our commitment, we pledge to continually look for ways to improve, to be the best we can be, and to care for our employees, our fire district, and the lives and properties that we respond to in both emergency and non-emergency alarms.



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

The Director of Public Safety is William "Bill" Spurgeon. The Safety Director is appointed by the Mayor and serves at the pleasure of the Mayor. Director Spurgeon oversees the Police and Fire Divisions and the enforcement of the Property Maintenance function of the city of Newark along with Code enforcement.

Director Spurgeon was born and raised in Newark and is a second generation public servant as his father served as the chief of police in Newark from 1968 through 1974. Director Spurgeon also has a brother who retired from the Ohio State Highway Patrol as a Sergeant.

Director Spurgeon and his wife Susan have two adult children. He graduated from Newark Senior High and then went on to earn an Applied Associate degree in Business Administration from Central Ohio Technical College along with a Bachelor of Business Administration, Cum Laude from Mount Vernon Nazarene University.

Director Spurgeon started his career with the Newark Division of Fire in 1986 and served as a Firefighter/Paramedic, a Lieutenant, a Captain and as an Assistant Chief where he oversaw Human Resources, Emergency Medical Services and Training. In 2013 he completed the Ohio Fire Executive Program.

Account Clerk I



Tina Wells

Tina Wells (twells@newarkohio.net) is the Account Clerk for the Division of Fire/EMS. She has been with the city of Newark for 16 years and worked very closely with Chief Stickradt and Interim Chief Connor. 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 3 and is available to help anyone that needs assistance.

Human Resources



**Assistant Chief
Connor**

The Human Resources Division is managed by Assistant Chief Patrick Connor (pconnor@newarkohio.net). He has been with the division for 21 years and is currently assigned to a forty hour week as the Administrative Assistant Chief. He holds an associate's degree in Fire and Emergency Medical Services Technology and is currently pursuing his bachelor's degree in public safety management from Franklin University. He is a member of IAFF, IAFC, and Ohio Fire Chief's Association. Chief Connor is certified as a paramedic, fire instructor, Certified Fire Safety Inspector (CFSI) and fire investigator. He also is the Assistant Fire Chief of the Newton Township Fire Department and a flight paramedic for Air EvacLifeteam of Licking County, Ohio.

The Central Ohio Firefighter Consortium was formed in 2012 with West Licking Joint Fire District in conjunction with The Career and Technology Education Center of Licking County (CTEC) and has been the basis for providing a hiring list for each of the participating departments. A new entry level test was administered in 2014.

The Human Resources Assistant Chief supervises the areas of prevention, arson, training and EMS. There is a more detailed description within this report relating to each respective responsibility.

The replacement of firefighters that have left or retired in an attempt to keep staffing levels at 83 was not met. In the beginning of 2014, there were 80 sworn firefighters. That number has decreased to 73 sworn firefighters including the Fire Chief. There were four firefighters that left the division in 2014. Two retired and two resigned to take other employment opportunities.

Compliance



**Assistant Chief
Decker**

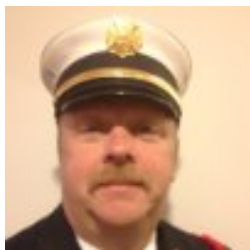
The compliance division is managed by Assistant Chief David Decker (ddecker@newarkohio.net). Chief Decker is a 25 year veteran with the division and currently is the one unit shift commander. He is a 1989 graduate of Newark High School and has certifications as a paramedic, fire investigator, Certified Fire Safety Inspector (CFSI) and fire instructor. He also maintains certifications as a flight paramedic with Air Evac Lifeteam in Licking County, Ohio.

With the completion of 2014 the division continues to work on developing, implementing and updating the divisions System Manual. All policies were reviewed as part of the CFAI accreditation process, and updates continue as the department grows to meet the changing demands of the citizens. This process will continue into 2015. All division policies are accessible via the newly implemented Intranet.

The division continues to look for ways to improve the city's Insurance Service Office (ISO) Public Protection Class rating. This helps insurance companies determine fire insurance premiums for properties located within the city. Newark's last ISO evaluation was in 2010 and is rated a 3 by ISO. A voluntary audit of various areas will be initiated in 2015 to ensure that the division remains on target to maintain or improve the ISO rating in the future.

The compliance division also looks at various areas to ensure that the division follows guidelines established by the National Fire Protection Association, National Institute of Safety and Health Occupational Safety and Health Administration. This ensures that the division is operating safely while minimizing risk to fire personnel as well as reducing liability to the city.

Operations



Assistant Chief O'Brien

The Operations Division is managed by Assistant Chief Tom O'Brien (tobrien@newarkohio.net). During his 29 year career with the department, he has served as compliance chief, HAZ-MAT coordinator, paramedic, member of the equipment specification committee, member of the IAFF executive board, and currently serves as shift supervisor, operations chief and accreditation manager.

Tom teaches fire science at Hocking College in Nelsonville, Ohio, was the fire training coordinator at the local vocational school, and has taught at FDIC. He has an associate's degree in Fire Science from Hocking College and a bachelor's degree in Public Safety Management from Franklin University. He is currently pursuing a Master of Public Administration.

Tom recently received his Chief Fire Officer designation and is a MIFireE. Tom has also been doing accreditation visits for CPSE/CFAI for the last 8 years and has served as a team leader for numerous departments. He is a member of IAFF, IAFC, Ohio Fire Chief's Association, and is an active member of Rotary. He resides in Newark, Ohio.

The Operations Division includes all service delivery of emergent and non-emergent response to calls for assistance ranging from fires to assist from the floor. Also included are haz-mat responses to a wide range of material spills or releases.

The Operations Division current has 66 personnel assigned to three 24 hour shifts. Each shift is led by an Assistant Chief who is responsible for daily operations and command of incidents. The Assistant Chief is assigned to the command unit (Battalion 1) which is used as a command post. The Assistant Chief is aided by two Captains and two Lieutenants who are each assigned to the four fire stations located throughout the city.

The division responds to calls for assistance from each of the four stations. The number of apparatus that respond is determined by the nature and severity of the call. Each type of call has a pre-determined assignment that is populated at the 911 center and its dispatching network.

The city currently maintains a minimum of 16 personnel on duty each day, with each member assigned to a specific unit. Currently the staffing at Fire Station 1 has three members assigned to a rescue/engine, one in the command car and two on a medic unit. Staffing at Station 2 varies dependent upon the amount of members on duty. Station 2 always has three members on a ladder truck and two members on a medic unit if staffing is available. Station 3 always has three members on an engine and two on a medic unit. Station 4 has either two or three members who “jump” between an engine and a medic, dependent upon the type of call if there are three on duty or two assigned to a medic unit only.

While the staffing situation may not be the optimum, the division has taken great strides to analyze the demand for service and what type of service is needed most often. Emergency Medical calls remain the dominant type of calls for service, with slightly over 80 percent of the total call volume. The remaining calls are for fires, carbon monoxide checks, assists to EMS companies, automotive mishaps etc.

Data shows that the largest calls for service are in the area served by Station 1, followed by Station 3, Station 2 and Station 4 respectively. These calls and the response times to each district are constantly monitored to assure compliance with accepted standards and the established Standard of Cover the division has stated for response times to maintain accreditation by the Center for Public Safety Excellence.

A breakdown of response times can be seen on page 22-25. Accreditation looks at response times for fire, EMS, haz-mat and technical rescue. The times for fire response both emergent and non-emergent are represented. A change in reporting software for EMS has made it difficult to provide accurate data for the entire year, as the reporting systems need to be merged at some point. Second half data for response is included in the second chart for EMS calls.

Goals for 2014- accomplished

- Finished installation of MARCS and MDT equipment
- Work with Logistics and Compliance to assure that all response needs are being met and the proper procedures, equipment and training are be done to meet the demands for service and the safety of the members and the community.
- Work with all outside agencies so that our service delivery meets and exceeds the expectations of the community.

Goals for 2015

- Enter relevant building information (Pre-plans) into the MDT system so that each vehicle will have all necessary information about a structure at the push of a button.
- Review and implement any changes to Standard Operating Procedures for all types of incidents, and assure each member is trained properly on the response procedures.
- Continue to work with all outside agencies so that our service delivery meets and exceeds the expectations of the community

Physical Resources



Assistant Chief
Clouse

The Physical Resources Division is managed by Asst. Chief John Clouse (jclouse@newarkohio.net). He is a 24 year veteran of the department and is responsible for maintaining the buildings and fleet. He is also responsible for all of the equipment purchases and tracking of these items.

Front line response vehicles:

According to NFPA 1901 Annex D the frontline apparatus should be moved to reserve status at 10 years of service. The standard also recommends that reserve equipment be replaced after 15 years of service in *any* capacity. As illustrated below, the division's fleet of firefighting apparatus is in need of attention. Another point to consider is the Insurance Services Organization (ISO) which rates fire departments and helps to determine insurance rates for the city also considers fire apparatus age when rating.

Fire Vehicle	Year	Hours	Miles
Rescue 1	2006	11113	116103
Tower 1	1996	4201	16946
Ladder 2	2006	7158	76775
Engine 3	2004	7784	89886
Engine 4	1996	10534	127302
Reserve	1995	11639	114927
Average	13.5	8738.17	90323.17

EMS Vehicle	Year	Hours	Miles
Medic 1	2009	6697	77984
Medic 2	2008	9301	116478
Medic 3	2013	2571	26527
Medic 4	2013	2881	45229
Reserve Medic 2	2005	13939	150071
Reserve Medic 4	2003	12341	125064
Average	5.5	7955.00	90225.50

Administrative Staff Vehicles:

The division is currently in need of reliable vehicle for the staff. The recommendation is that we purchase three vehicles, possibly from another government agency. These vehicles are not used for front line response but are equipped with a light bar and siren for the rare occurrence that they would need them. The division has historically worked to find reasonably priced vehicles for the staff and will continue to spend the tax payer’s dollar wisely.

Air Packs (Self Contained Breathing Apparatus):

Two additional air packs were purchased in 2014 bringing the division to 33 air packs.

Communications System Upgrades:

The division has continued to work with MARCS on training and programming challenges that accompany this dramatic change. The Licking County Joint Communications Center (LCJCC) opened their new facility in May 2014 and facilitated transition of the division to MARCS as the primary radio system. Along with the upgrades at LCJCC, a new computer aided dispatch (CAD) program was purchased and installed. This CAD allows for the installation of mobile data computers (MDCs) in each response apparatus which provides a direct, real-time, link with the LCJCC. The LCJCC has access to a computer server called Locution that allows for station alerting via both internet and radio connection. This system will dispatch multiple stations/runs simultaneously utilizing a connection with the CAD program.

Gas monitors:

Three new multi-gas meters were purchased to replace meters that were no longer supported with service or parts by the manufacturer. The new meters are the same as are utilized by the Hazmat team and the county has agreed to purchase a maintenance and calibration station in the near future since division personnel are performing the required calibration of all meters.

Capital Improvements:

- Construction on Station 1 is ongoing with a projected completion date of fall 2015.
- Flooring in station 4 was replaced and upgrades to the bathroom were made after weather related plumbing failure in February of 2014.

Goals for 2015:

- Command vehicle replacement
- Medic unit replacement
- Fire engine replacement
- Reallocation of equipment from old station 1 to current station 2
 1. Generator
 2. Extractor and dryer

Emergency Medical Services

The EMS Division of the Newark Fire Department strives to maintain a progressive, proactive approach to evidence-based implementation of emergency medical assessment, treatment and transport. The leadership of the EMS Division is committed to ensuring the services that are provided are amongst the highest within the industry.

In 2014, the EMS Division provided a solid platform for the continuation of goals defined in the previous year while also developing strategic plans for years to come. Newark Fire Department paramedics continued to administer cutting edge interventions such as the medication Tranexamic Acid (TXA, 2010) for qualified trauma patients and also continued the use of Cardiocerebral Resuscitation (CCR) in acute onset cardiac arrest situations. The Division also implemented additional technology in the form of new cardiac monitors. The Division added four (4) Life Pak 15's to its frontline transport units which included a diagnostic focus on carbon monoxide monitoring and added data transmission capabilities. These devices replaced previous cardiac monitors that did not have this feature imbedded within the technology.

In 2013, The Newark Fire Department was recognized nationally within various EMS publications such as *EMS World*, and *EMS1.com* for the implementation of TXA within the pre-hospital environment. The Division has partnered with The Ohio State Wexner Medical Center as it relates to the transfer of patients who receive this medication within pre-defined guidelines.

The EMS Division also reached its eighth year of the CCR protocol. This treatment option was initially very controversial and met with resistance by area hospitals. However through progressive medical vision and a steadfast commitment to the highest medical standards, these aspects of advanced level care have started become "common core" treatments within the pre-hospital arena.

2014 ended with the Division looking to recruit and hire a new Medical Director to replace Doctor Howard Mell. Dr. Mell has served the Division with professionalism and a progressive approach to emergency medicine since 2007. Dr. Mell is looking to pursue additional areas of challenge and growth within his practice; he has worked with the leadership element of the Newark Fire Department to establish a solid foundation for advanced emergency medical treatment in the pre-hospital setting. Dr. Mell is largely responsible for the Divisions use of TXA, and CCR treatment modalities.

In 2015 the Division is focused on many additional areas that will enhance the operational capacity of the agency. Within the first half of this year, the Division plans to replace one (1) of its current transport units with a brand new vehicle. The Division also plans to install new technology in the form of *Firehouse CAD Monitoring*. FH Cad Monitor will allow the dispatch center to initiate a “ticket” for patient care reporting that automatically inputs incident specifics into the documentation platform. This technology will ensure that all incidents specifics that relate to numbering, locations, and times are accurate from the very beginning of the event. This will also decrease the amount of time that personnel must spend manually entering information within their report thereby decreasing turnaround time at the hospital.

Training Division

The training program during 2014 went through several changes to keep up with the needs of the division. Captain Kelly Smith lead the training division throughout 2014.

With these goals all met, our training records are now assessable by all members of the Department. Members can look at and track their individual records to maintain state certifications. Individual audits from the state can also be managed more efficiently. Total training hours for the department increased from 2013. Last year, the department logged 5127 hours of training.

The training department has continued an emphasis on officer development by sending several more members to classes offered at the State Fire Academy or other outside agencies. Training courses attended by our members included:

- WMD/Hazmat Technician
- Fire Officer I
- Fire Officer II
- Fire Officer III
- Fire Officer IV
- Fire Inspector
- Fire & EMS Instructor
- Various EMS related classes and conferences

In 2015, the Division will continue to make training a priority. A training template will be utilized to cover basic firefighting and EMS topics on a rotating cycle. This will assist with competency as well as ensure that all personnel have the opportunity to participate in an adequate number of training hours to satisfy their recertification requirements. The training division has set the following goals for 2015:

- Follow the on line training documentation system.
- Increase the amount of hands on training to personnel

Prevention

In 2014, prevention has made great strides in improving service delivery to our residents and business owners. The prevention bureau is comprised of three full-time inspectors. Inspector Ashley Baker and Inspector Aaron Webb have been busy this year maintaining compliance with fire code in the community. There have been 541 completed inspections this year which are being tracked by new operating software. This represents a 12% increase from 2013. Streamlining the process of inspections has been a priority and the continued push for going “paperless” is well underway. Remarkably, there were no fire related fatalities in 2014, which in part can be attributed to the hard work of prevention and education in our community. A breakdown of different types of prevention is shown in the chart at the end of this document. The chart describes the many different ways there has been fire prevention shared with the public.

Goals for the prevention bureau in 2014 were as follows;

- Increase public education about state mandated inspections and code compliance for businesses within the community. Power point presentations were used to educate business groups and apartment owners about inspection procedures and safety considerations. The public education program for schools was created encompassing lesson plans for preschool to 8th grade. The number of people that have been educated this year has increased dramatically.

Goals for 2015 are as follows;

- Continue to streamline the public education program. Increase the education potential to all age groups.
- Implement a curriculum to be used for the 9th – 12th grades. This can be accomplished by joining forces with the Ohio State Patrol using the IMPACT teen drivers program.
- Acquire a fire and life safety trailer the NFD can be proud of. Work on obtaining grant funding in 2015 through the fire prevention and safety grant.
- Continue efforts to achieve zero fire related fatalities in 2015.

Home Safety Inspection Information

Unfortunately, the grant cycle will end in February of 2014 and the program will stop. Efforts to renew the program were unsuccessful however; there has been discussion on how the division could continue to provide this life saving service in the future.

Arson

City of Newark Fire Marshal has been with the division for over 27 years, the last 13 being the 40 hour investigator for the department. He still maintains certifications as a EMT-Paramedic, Firefighter II, Certified Fire Safety Inspector, Certified Fire Investigator, and a Law Enforcement Officer (LEO) for fire related laws within the City of Newark. In the past year (2014), 142 investigations have been conducted. Of those investigations, (3) felony convictions, and at least (1) misdemeanor conviction were obtained. At least (3) misdemeanors were attempted through the Newark Law Director's Office, however, there were mental competency issues, and were not taken through the court process. Tim has not attended the O.P.O.T.A. course, however, still wishes to further his education in that field.

Accreditation



The Newark Division of Fire/EMS received accreditation in August of 2012. This accreditation by the Center for Public Safety Excellence bestowed upon the division an honor held by only 160 plus fire departments in the entire world. This award was based upon over 120 specific criteria that have been established through a consensus of fire department leaders worldwide based upon accepted practices for service delivery.

Each year for the next five years, the division must submit an Accreditation Compliance Report (ACR) to CPSE to assure them that the areas that were cited as needing improvement are being addressed. There must also be a measure of continued improvement on baseline and benchmark response areas.

The report submitted to CPSE to recommend the agency for accreditation also included areas that needed improvement for re-accreditation in the fifth year. Recommendations in training, outside agency contracts, conflict resolution, station conditions were among the items listed as needing attention. As of the first submission and acceptance by CPSE of our ACR, the division has addressed each issue and resolved many of them. A copy of this report is available from the Fire Chiefs office, along with a copy of the letter of acceptance of the report.

Reports are also given monthly to the Safety Director to assure the city management team that the division is doing everything within its power to provide service that meets its Standard of Cover and the ability to be re-accredited.

This year, Captain Nick Simmons will attend a three day seminar in order to effectively manage the fire department accreditation needs. This will also qualify him to be a member of a team that evaluates other agencies. This will allow for a smooth succession from the current Accreditation Manger to Captain Simmons. Captain Simmons played a key role in the initial accreditation and has accepted his new challenge of Accreditation Manager with enthusiasm and a willingness to continue on the course laid down before him.

Goals for 2014;

- Revise and review the current Strategic Plan. Information from inside and outside the division will be used to formulate the most current and effective plan. It will chart the course for the next 3 to 5 years.
- Continue to monitor response times for compliance to the Standard of Cover
- Present an ACR that shows continual improvement and eliminate more of the suggested areas of deficiency as defined by the site visitation team.

2014 Fire Statistics

Total Fire Runs	4,870	District Comparisons	
Estimated Dollar Loss	\$1,333,060	District 1	2,482 (51%)
		District 2	1,012 (21%)
Actual Fires by type	158 (3.2%)	District 3	926 (19%)
Building Fire	64	District 4	250 (5%)
Cooking Fire	21	Out of the City	170 (4%)
Chimney Fire	5		
		Apparatus	
Vehicle Fire	30	Comparisons	
		Rescue 1	2,840
Other Fire Calls by Type		Ladder 2	1,235
Overpressure, no fire	9 (0.2%)	Engine 3	1,328
Rescue	2689 (55%)	Engine 4	77
EMS assists	2,455	Ladder 1	128
Hazardous Condition	138 (2.8%)	Battalion 1	930
Monoxide Leak	10		
Gas Leak	48		
Service Calls	668 (14%)		
Unauthorized Burning	105		
Good Intent Calls	840 (17%)		
Cancelled En Route	560		
Authorized Burning	49		
False Alarms	368(7.6%)		
No Monoxide Found	75		
Building Fire extinguishment			
breakdown	39		
Type of Structure			
1 or 2 Family Structures	20		
Multi-family	10		
Garages or out buildings	3		
Commercial	6		
Severity of the structure fire			
2nd alarm fires	2		
Out on arrival	3		
NFD suppression with extinguisher	8		
1 Attack line	10		
2 Attack lines	13		
More than two attack lines	2		
Civilian and Firefighter injuries			

Civilians rescued	3
Firefighter injuries	2
Smoke Detectors	
No smoke detectors	3
Smoke detectors alerted occupants	8
Time of call for structure fires	
0700-1500	9
1500-2300	17
2300-0700	13
1900-2200 was peak time for a fire	12
Cause of Fire	
Accidental	18
Undetermined	12
Arson	9
Distict of fire	
Station 1	16
Station 2	11
Station 3	8
Station 4	4

Structure Fires - 90th Percentile Times - Baseline Performance			2012	2013	2014	2015
Alarm Handling	Pick-up to Dispatch	Metro-Urban	1:55 (1:11 avg)	1:40 (1:01 avg)	1:05 (:41 avg)	
		Suburban	2:04 (1:13 avg)	1:52 (1:09 avg)	1:30 (:48 avg)	
Turnout Time	Turnout Time 1st Unit	Metro-Urban	1:27 (:35 avg)	2:21 (1:16 avg)	1:52 (:53 avg)	

Structure Fires - 90th Percentile Times - Baseline Performance			2012	2013	2014	2015	
		Suburban	2:36 (1:02 avg)	2:27 (1:17 avg)	2:02 (:58 avg)		
Travel Time	Travel Time 1st Unit Distribution	Metro-Urban	6:00 (3:47 avg)	4:55 (3:05 avg)	4:19 (2:43 avg)		
		Suburban	7:59 (5:32 avg)	8:05 (5:23 avg)	4:59 (2:55 avg)		
	Travel Time ERF Concentration	Metro-Urban	5:00 (3:14 avg)	4:52 (3:09 avg)	5:08 (2:46 avg)		
		Suburban	6:42 (4:58 avg)	8:03 (4:31 avg)	6:19 (4:11 avg)		
	Total Response Time	Total Response Time 1st Unit On Scene Distribution	Metro-Urban	6:54 (4:22 avg)	6:02 (4:21 avg)	5:54 (4:17 avg)	
			Suburban	9:07 (6:37 avg)	9:19 (6:40 avg)	7:37 (5:01 avg)	

Structure Fires - 90th Percentile Times - Baseline Performance		2012	2013	2014	2015	
	Total Response Time ERF Concentration	Metro-Urban	5:47 (4:03 avg)	6:01 (4:20 avg)	6:38 (7:06 avg)	
		Suburban	8:06 (5:49 avg)	8:03 (5:57 avg)	8:21 (6:04 avg)	

2014 EMS Statistics

Total EMS Runs 8,205
 Total Transports to LMH 5,068 (62%)

Calls by day of the week

	Count
Sunday	1068
Monday	1269
Tuesday	1253
Wednesday	1179
Thursday	1184
Friday	1192
Saturday	1153

Calls by hour of day

	Count
0:00	236
1:00	227
2:00	198
3:00	161
4:00	149
5:00	169
6:00	183
7:00	251
8:00	304
9:00	393
10:00	378
11:00	436
12:00	445
13:00	474
14:00	419
15:00	461
16:00	407
17:00	437
18:00	463
19:00	428
20:00	425
21:00	413
22:00	324
23:00	317

District Comparisons

District 1	3,622 (44%)
District 2	1,976(24%)
District 3	1,645(20%)
District 4	740(9%)
Out of the City	222(3%)

Medic Unit Comparisons

Medic 1*	497
Medic 2	2,611
Medic 3	2,278
Medic 4	2,311
Rescue 1	427
Ladder 2	93
Engine 3	36
EMS 1	31

*Medic 1 out of service most days due to insufficient personnel.

Monthly Medic Activity

Runs per Month	684
Runs per day	22.5
M1 runs per day	1.5
M2 runs per day	7.2
M3 runs per day	6.2
M4 runs per day	6.3

Age of Patients

	Count
Pediatric (0 - 13)	350
Adult (14 - 64)	4495
Senior (65+)	2546

2014 EMS Calls by nature of incident

Type of call for service		Trauma - Blunt Injury	74
Abnormal Vital Signs	21	Trauma - Burns	6
Allergic Reaction	28	Trauma - Electrical Injury	1
Altered Level of Consciousness	112	Trauma - Fall	353
		Trauma - Fracture /	
Animal Bites / Stings	8	Dislocation	33
Back Pain	66	Trauma - GSW	5
Behaviorial / Psychiatric Disorder	317	Trauma - Head Injury	16
Cardiac (Chest Pain)	502	Trauma - Hemorrhage	16
Cardiac (Atypical)	81	Trauma - MVC / MCC	87
Cardiac Arrest	41	Trauma - Pain	43
		Trauma - Penetrating	
Choking / Airway	16	Injury	34
Diabetic Symptoms	249	Trauma - Stabbing	8
		Unconscious /	
Dizziness	142	Unresponsive	102
Environmental Exposure	1	Weakness	411
Gastrointestinal Symptoms (Nau/Vom)	51		
HAZMAT Exposure	2		
Headache	77		
Hemorrhage	102		
Hypothermia	2		
Hypovolemia	4		
OB-Gyn (Other)	10		
OB-Gyn (Pregnancy / Labor)	15		
OB-Gyn (Vaginal Hemorrhage)	10		
Obvious Death	40		
OD / ETOH Abuse	159		
Other:	73		
Pain	647		
Poisoning / Drug Ingestion	55		
Respiratory Arrest	4		
Respiratory Distress	528		
Seizure	186		
Sick Person (Nau/Vom)	279		
Stroke / CVA	91		
Syncopy	128		
Trauma - Amputation	5		
Trauma - Assault	68		

EMS - 90th Percentile Times – Baseline Performance			2012	2013	2014	2015
Alarm Handling	Pick-up to Dispatch	Metro-Urban	1:44 (avg 1:08)	1:34 (1:02 avg)	1:28 (:43 avg)	
		Suburban	1:40 (1:03 avg)	1:29 (:57 avg)	1:58 (:49 avg)	
Turnout Time	Turnout Time 1st Unit	Metro-Urban	2:00 (:43 avg)	2:05 (:57 avg)	1:56 (1:07 avg)	
		Suburban	2:00 (:41 avg)	1:59 (:48 avg)	1:59 (1:10 avg)	
Travel Time	Travel Time 1st Unit Distribution	Metro-Urban	8:00 (4:31 avg)	9:13 (5:30 avg)	6:46 (4:01 avg)	
		Suburban	8:00 (4:46 avg)	8:31 (5:01 avg)	7:31 (4:26 avg)	
	Travel Time ERF Concentration	Metro-Urban	None	None	None	None
		Suburban	None	None	None	None
Total Response Time	Total Response Time 1st Unit On Scene Distribution	Metro-Urban	8:28 (5:14 avg)	10:06 (6:27 avg)	8:15 (5:15 avg)	
		Suburban	8:25 (5:28)	9:13 (5:49)	8:55 (5:40)	

EMS - 90th Percentile Times – Baseline Performance			2012	2013	2014	2015
			avg)	avg)	avg)	
	Total Response Time ERF Concentration	Metro-Urban	None	None	None	None
		Suburban	None	None	None	None

2014 Fire Prevention Statistics

Age Groups

Educated

Preschool	243
K-5th Grade	1715
6th-8th Grade	169
9th-12th Grade	18
Age 19-69	426
Age 70 plus	54

Type of Education

Gen Fire Safety	14
Fire Extinguishers	7
Remember When	2
Hazard House	2
Station Tours	

Buildings

Inspected	541
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