



Annual Report 2010

HONOR & SERVICE



J. P. MOORE

*John P. Moore
1953-2010*

'MAYDAY! FIREFIGHTER DOWN!'

When **Lt. Mike Polaski** collapsed during a house fire in February, he was surrounded by fellow firefighters specially trained for that kind of medical crisis.

FIREFIGHTER

FROM PAGE A1

Although his friend [unclear] out, Polaski took the Dec. 26, 1972. He was 24, assigned to the station and Morse roads. transition from col- lete to firefighter easy one for Polaski. played baseball and Ohio State Uni- was part of the al championship.

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A portrait of Lt. Mike Polaski, a firefighter, wearing a yellow jacket and a red helmet.

Accredited by the Commission on
Fire Accreditation International 2007

Cover Story

Honor and Service

The 2010 Annual Report cover features two of the Division's finest members. Sadly, both were involved in sudden cardiac arrest. As a result, the Columbus Division of Fire's EMS section and the community will be impacted for years to come.

In the case of John P. Moore, the city lost a great paramedic and CPR instructor. Firefighter Moore was also well known in the community for his volunteer work and being a mentor to all. So much so that Grant Medical Center created an award in his honor. Based on his 29 years of service as a life flight first responder, the Grant Medical Center Lifelink Trauma program has been a great success. The "John P. Moore Memorial EMS Award of Excellence" will be awarded to paramedics who exhibit the highest level of character.



On February 6, 2010 during a routine basement fire that Engine 16 had just contained, Lieutenant Mike Polaski suffered a sudden heart attack. Through the efforts of the on-scene companies and the "Saving Your Own" training the crews had been through, they were able to make a successful rescue. Lt. Polaski is a leader who believes in training and those efforts paid off in saving his life.

Lt. Polaski was transported to the hospital within minutes and received advance cardiac care at Riverside Methodist Hospital. He made a full recovery and returned to duty.

The Columbus Division of Fire is proud and continues to spread the word about the importance of training. A video was made about the incident and will be used in future recruit and in-service company training .

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Our Mission



Our Values

Our mission as the Columbus Division of Fire is to serve our community by:

- Preventing emergencies through education and inspection
- Minimizing injury, death, and property destruction due to fire, natural disaster and other emergencies
- Minimizing injury, death, and suffering by providing timely and effective emergency medical service

Our mission is accomplished through the efforts of dedicated, professional firefighters.

Administration Bureau

Our mission is to act as liaison between the Fire Chief and the Department of Finance, and to develop and monitor accounting practices, financial measures, and administrative procedures which promote the achievement of the Division's mission through the efficient use of funds.

Fire Prevention Bureau

Our mission is to minimize injuries, death, and property loss through public education, enforcement of fire codes, and the investigation of fire causes.

Support Services Bureau

Our mission is to provide and maintain the facilities, apparatus, and supplies, to receive emergency and non-emergency calls and dispatch necessary alarms as well as to provide infectious disease prevention/intervention for firefighters.

Emergency Services Bureau

Our mission is to minimize injuries, death, and property loss related to fires, medical emergencies, and other disasters through the efficient delivery of effective fire suppression, pre-hospital treatment, and patient transportation.

Training Bureau

Our mission is to assure that all Division members have the knowledge and skills necessary to safely and efficiently fulfill the mission of the Division.

In order to accomplish our Mission, we, the members of the Columbus Division of Fire, use the following values to guide our actions:

- Preservation of life and property
- Safety
- Personal integrity
- Professionalism
- Respect for others

I am pleased to present the 2010 Columbus Division of Fire Annual Report to Mayor Michael B. Coleman, Director of Public Safety Mitchell J. Brown, members of City Council and the citizens of Columbus.

This is my ninth year as Fire Chief and I am proud of our accomplishments this year. The Columbus Division of Fire continues to maintain its status as one of the largest accredited metropolitan fire departments in the country. A significant component of maintaining our accredited status is the acceptance of the Annual Compliance Report submitted to the Commission on Fire Accreditation International. The commission voted unanimously for the third consecutive year to accept the Compliance Report in 2010.

With the support of Mayor Coleman, the Columbus Division of Fire started two recruit classes. After completing training, the addition of these recruits to the Division's staff will further enhance our delivery of services to the citizens of Columbus.

The Division saw a number of its members recognized by the community and organizations for their contributions and life-saving actions. In 2010, I became the Secretary of the International Association of Fire Chiefs, Metropolitan Fire Chiefs Association (Metro Chiefs). Through my membership on the Executive Board of the Metro Chiefs, the City of Columbus, Division of Fire is recognized as a continuing leader in the fire service industry. We also continue to partner with the National Fire Protection Association in developing and providing continuing education and urban fire safety training to our members and the public.

The Division's Hazmat team was recognized as the First Level 1 response team in the State of Ohio. This recognition requires a commitment from the Division to respond and assist other departments and organizations around the state in the event of a major catastrophic event. Additionally, our Bomb Squad developed a specialized training program for schools and hospitals (Train-the-Trainer) for bomb threats and IED response.

In 2010, we continued our partnership with Harvard University conducting the second phase of a sleep deprivation and education program for our members. Our members now have the ability to receive the necessary education and medical help to assist in their health and well being.

On March, 28, 2010, our fire division family experienced the tragic and regrettable Line-of-Duty Death of Firefighter John P. Moore. Firefighter Moore left us after 33 years of dedicated service to the Division. His positive impact on our paramedics, EMS system and the citizens of Columbus will never be forgotten.

Furthermore, I am very proud of our members, both uniformed and non-uniformed, for their commitment in carrying out their daily responsibilities and also for putting in the extra time and effort to accommodate the additional workload brought about by increased retirements and the current economic environment.

The Division of Fire ended 2010 with 1,506 uniformed firefighters and 36 non-uniformed members. These men and women staff our administration office, fire alarm office and 32 fire stations with 34 paramedic engine companies, 15 ladder companies, 5 heavy rescue units, and 32 EMS transport units. The Division responded to 147,699 emergency and non-emergency incidents in 2010.

The Columbus Division of Fire is prepared to address any challenges that may arise in the coming year. As we move forward, we will continue our pursuit of continuous improvement as we provide efficient and effective service to the community.

I am proud of our members for the excellent level of service we provide to the citizens and visitors of Columbus each and every day. I take great pride in being a member of the Columbus Division of Fire along with all the dedicated men and women that make Columbus the greatest city in the nation.

Ned Pettus, Jr.
Fire Chief



A message from **Fire Chief** **Ned Pettus, Jr.**



A message from **Mayor**

Michael B. Coleman



A message from **Safety Director** **Mitchell J. Brown**

Our Columbus Division of Fire is the best in all the country, and I thank all our firefighters for the courage and the character they show every day of their lives. We are so proud that our firefighters have been recognized among the most elite divisions in the nation. You saved property, and you saved lives. You provided yourselves as role models for our young people, and you risked your lives for your fellow residents. You represented your city with heroism and with grace.

Public Safety has always been the top priority of this administration, and this year we are continuing to invest in the Division of Fire so our firefighters can do their jobs well and do their jobs safely. To keep our residents safe and prepare for upcoming retirements, we will add 145 new firefighters to the city's uniformed forces by the end of next year. This will bring us to 1,567 firefighters, thus maintaining our current level of fire protection.

Although the demands of protecting our city are high, I have no doubt that each of us is up to this challenge. Thank you for your determination, your strength and the example you set for all of us.

Sincerely,

A blue ink signature of Michael B. Coleman.

Michael B. Coleman

Mayor

As the Director of Public Safety, I want to commend the men and women of the Columbus Division of Fire for their commitment and dedication to public service. Every day these fine individuals deliver quality fire suppression and emergency medical services to Columbus residents by responding to more than 147,699 calls for emergency service.

I also want to congratulate Fire Chief Ned Pettus, Jr. for being elected as Vice President of the International Association of Fire Chiefs. Through his leadership, the Columbus Division of Fire has become one of the best fire divisions in the entire nation. Under his watch, the Division of Fire has been selected by The National Fire Protection Association for the Urban Fire Safety Initiative and has also received international accreditation through the Center for Public Safety Excellence and is the second largest fire division to achieve this standard.

The Columbus Division of Fire continues to be one of the best 21st century fire suppression and emergency medical service agencies because of its outstanding people, commitment to technological innovations, and first-class facilities. In 2010, the Division continued implementation of TeleStaff, using software to improve the effectiveness of staffing assignments in lieu of a manual system; continued renovations and upgrades at multiple fire stations; participated in a sleep study conducted by Harvard University and was the only city selected for a site evaluation; and ordered nine EMS medics, three platform ladders and a bomb squad containment vehicle.

As we look forward to 2011, the Division of Fire is expected to lose a large number of fire fighters because of the Deferred Retirement Option Plan, (DROP). This unfunded state mandate allows experienced fire fighters to delay their retirement for up to eight years while investing the pension payments they would have received in an interest-bearing account as they continue to work. To help alleviate some of the distress from the large number of departures and movement within the Division, 50 recruits started their training in June and another class of 50 started in December. In 2011, the City plans to hire an additional 95 fire fighters to maintain current staffing levels and fill the gaps created by DROP. Despite the impact DROP will have, the residents of Columbus will not see a reduction in services.

I am proud of each and every member of the Columbus Division of Fire for the public service they provide, the lives they save and for continuing to make Columbus the best place to live work and raise a family.

Keep up the good work!

Mitchell J. Brown, Director of Public Safety

FIRST LINE APPARATUS SUMMARY

Emergency Units in Service

34 Engines	7 EMS Supervisors
15 Ladders	1 Incident Support Unit
5 Rescues	2 Bomb Squad
7 Battalion Chiefs	1 Safety Officer
32 Medics	14 Boats
1 Hazmat	1 Command Unit

Busiest Units in 2009

Designation	Total Runs
Engine 24	3,944
Ladder 1	1,753
Rescue 2	3,359
Batt. Chief 6	2,443
Medic 2	5,252
EMS Supervisor 15	1,873

FOUR-YEAR COMPARISONS

	2007	2008	2009	2010
Total Incidents	135,391	146,144	142,981	148,918
Fire Incidents	23,656	24,868	21,470	21,861
EMS Incidents	107,351	110,739	110,398	115,311
Civilian Fire Deaths	6	12	3	10
Civilian Fire Injuries	65	72	58	53
Firefighter Deaths	0	0	0	1
Firefighter Injuries	562	614	616	525
Fire Loss	\$ 21,173,780	\$24,572,355	\$29,713,052	\$16,048,009
Operating Budget	\$184,805,141	\$196,505,490	\$190,189,840	\$205,348,833
Capital Budget	\$ 13,074,000	\$6,960,000	\$812,889	\$6,000,000
Cost per Capita	\$240.03	\$264.65	\$241.21	\$266.90

2010 FIRES BY CLASSIFICATION

	Number	\$ Loss
Structure	1,047	\$ 13,316,241
Outside Structure	92	\$ 206,759
Vehicle	594	\$ 2,019,702
Trees/Grass	257	\$ 7,650
Trash/Refuse	632	\$ 38,433
TOTALS	2,622	\$ 15,588,785

Facts & Statistics

GEOGRAPHICAL

Metro Columbus

399.1 square miles
population: 1,742,798

City of Columbus

239.9 square miles
population: 791,868

Offices Under the Chief



Fire Chief Ned Pettus, Jr.

Fire Chief's Executive Officer

Executive Officer Assistant Chief Warren Cox serves under the Chief assisting him with many projects and functions and also serves as the head of the Administration Bureau.

Fire Chief's Liaison Officer

Firefighter Herb Rankin is the Fire Chief's Liaison Officer and directly assists the chief with various administrative duties and special assignments. He serves as a representative for the Chief and the Division in various capacities with other fire departments, public organizations, and government agencies.

Business Office

The Business Office manages the various budgets and financial operations for the Division; all fiscal aspects are handled herein, including budget management and analysis, procurement, accounts receivable and accounts payable.

The Business Office is staffed by professionals with over 71 years of experience with the City of Columbus.

Fiscal Manager Scott Marburger is responsible for the supervision of Business Office staff, as well as managing the Operating, Capital, Special Revenue, and Grant budgets for the Division.

Candy Abbruzzese serves as the Procurement Specialist for the Division and is responsible for facilitating the procurement of hundreds of thousands of dollars of goods and services.

Marilyn Sells is the Fiscal Assistant and is responsible for accounts receivable, travel requests, mileage reimbursement, accident claims, and medical supply accounts payable.

General Fund Operating Budget

Personnel	\$ 190,005,201
Supplies	\$ 4,413,773
Services	\$ 10,300,602
Other	\$ 193,375
Assets	\$ 0
Transfer	\$ 435,880
Total	\$ 205,348,833

Capital Budget

Replacement-Medic	\$ 2,500,000
Replacement-Platform	\$ 1,000,000
Replacement-Engines	\$ 2,500,000
Fire Facility Renovation	\$ 1,295,000
Total	\$ 7,295,000

Research and Development

The Research and Development Office (R&D) staff works under the direction of Fire Chief Ned Pettus, Jr. and consists of Captain David Ringley, Lieutenants Roland Guay III and Charles T. Kohl, Firefighters Phil Snyder and Chris Guay, and photo technician Nick Calderone.

R&D produces and distributes many of the written communications for the Division including standard operating procedures, systems manuals, job descriptions, disaster plan, forms, bulletins and other communications.

Firefighter Phil Snyder staffs the Forms Room which not only distributes forms but maintains and reconditions batteries for portable radios as well as calibrates carbon monoxide and multi-gas monitors.

The Photo Lab provides IDs for all Division employees. It provides various photography services, photo printing for arson investigation and for Division apparatus involved in accidents.

Research and Development develops specifications for all purchases and oversees all committees. R&D works closely with committee members on specifications that will best fit the needs of the Division of Fire. This office assures that purchases are manufactured in accordance with published specifications by conducting site visits to manufacturing facilities during production and doing final acceptance inspections upon delivery. In 2010, the Division received \$ 3.0 million in apparatus purchases.

Apparatus Ordered

- Ferrara Fire Apparatus: two engines
- Sutphen Corporation: three aerial platforms
- Sutphen Corporation: five engines
- Horton Emergency Vehicles: nine Emergency Medical Service (EMS) Transport Vehicles
- Remount of Total Containment Vessel for Bomb Squad
- Bomb Squad Trailer
- Hazardous Materials Technical Decontamination Trailer

Specifications Completed

- Heavy Rescue
- Engine
- Turnout Gear
- Gloves, helmets, boots, and linen

Grants Approved

- UASI Grants: Structural Collapse Support System and a Special Event ATV
- Two Fire Act Grants of \$500,000 each for nozzles & hose and Class B Foam Attack & Supply Trailers
- Bureau of Workers Compensation for Soft EMS Kits

Public Information Office

The Public Information Office (PIO) serves as a liaison to other government and private organizations in emergency and non-emergency times. The PIO is the point of contact with the media, working with the many different outlets to provide up-to-date information about incidents and events involving the Division of Fire. The PIO office coordinates press releases for Division-sanctioned events including awards ceremonies, Division and firefighter recognition, community participation events and fire safety information.

The PIO is responsible for responding to emergency incidents working with the incident commander on releasing information, and also manages and coordinates the media area at significant emergency scenes. This office is assigned other tasks as directed by the fire chief including training, special projects, and represents the Division as directed.

Health and Safety Officer

The Division of Fire Health & Safety Program is led by Battalion Chief Kevin Reardon who serves in the position of SO-1. Three senior level shift captains are assigned to each of the three company units and serve in the position of SO-2. The positions of SO-1 and SO-2 are command staff positions and report directly to Fire Chief Ned Pettus, Jr.

Battalion Chief Reardon is the chairperson of the Fleet Accident Review Committee (FARC). Every month the committee reviews Division vehicle accidents and recommends discipline in cases where Division policies and/or procedures have been violated. The FARC reviewed a total of 147 vehicle accidents during 2010.

SO-1 is also the chair person of the Health & Safety Committee which is composed of representatives from the Fire Division and IAFF Local 67. The committee conducts monthly meetings to review, discuss and recommend changes to Division policies and procedures that affect fireground and firefighter safety.

The primary focus of the Safety Office is to monitor fire-ground and other emergency incidents for hazards that can affect the safety of all personnel operating at any given time. SO-2 captains submit incident safety reports that reflect how safety issues at an emergency are addressed by the on-scene incident commander and how individual behavior of personnel is managed from the point of view of commonly accepted safety standards. The Safety Office also investigates all incidents where a firefighter is injured or a "mayday" is issued.

Additional responsibilities of the Safety Office include reviewing safety practices at large-scale incidents and assisting the Office of Research & Development with apparatus specifications and related personal protective equipment. The Safety Office monitors potential recalls of equipment that can affect firefighter safety and also participates in the City-wide Safety Program to promote safety in every aspect of the firefighter's job. In addition, SO-1 works with all division bureaus to create, develop and sustain a safe working environment for all personnel under non-emergency and emergency conditions.



During 2011, SO-1 and all three of the SO-2 captains will become certified Incident Safety Officers through the Fire Department Safety Officers Association. This certification will involve completion of coursework in firefighter health and safety concepts as well as a review of best practices. The certification process involves successful passing of a nationally recognized testing leading to formal certification.

Battalion Chief Reardon will also be leading a formal program review of the entire Division's safety program. Strengths and weaknesses will be identified and resources will be directed to addressing significant gaps in the safety program. In addition, training will be conducted for all captains that will focus on a review of existing policies and procedures and also discuss recent changes in the operating procedures for SO-2.

Medical Director

In 2010, we were very busy with many different projects that helped advance the quality and efficiency of our Emergency Medical Services (EMS) system within the Columbus Division of Fire.

With our emphasis on improving our save rates for cardiac arrest, we focused on the Fire Alarm Office (FAO) in 2010:

- We performed two separate in-service training sessions for the FAO personnel on the importance of getting callers to do Cardio Pulmonary Resuscitation (CPR) on victims of cardiac arrest.
- We did 100% Medical Director review of all 9-1-1 calls on cardiac arrest patients to critique the call taker and how fast they got the caller to perform CPR.
- We began sending the patient care reports back to the call takers on cardiac arrest victims so they could see if the patients survived the event and their role in that survival.
- We enlisted OSU students to help evaluate calls on cardiac arrest patients to see if education of FAO personnel had a beneficial effect on getting them to persuade callers to do CPR.

In addition to these efforts, we also did the following to enhance survival in sudden cardiac arrest:

- We were able to procure "Project Second Chance" funds to buy CPR training manikins to allow our EMS training staff to do periodic training and testing of our CPR proficiency

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Offices Under the Chief

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within the ranks of the Division's EMS personnel.

- We taught "Anytime CPR" to 100 8th graders during EMS week
- We participated in the Cardiac Arrest Registry for Enhancement of

Survival (CARES) database in tracking our survival rates in Columbus.

- We joined the Alliance to improve Cardiac arrest Treatment which is designed to look at CARES data and evaluate areas of improvement for cardiac care.

Remembering the H1N1 epidemic in 2009, we prepared for this possibility early in 2010 with the following activities:

- Dr. Keseg chaired the 2010 City of Columbus Task Force for H1N1 Preparation.
- In coordination with City of Columbus Human Resources and United Healthcare, provided all of its firefighters with the opportunity to receive the influenza/H1N1 vaccine.
- Maintained a cache of Tamiflu for treatment of H1N1.
- Maintained stockpile of infectious disease PPE (surgical masks, gowns, gloves, hand sanitizer, and other articles).
- Continued deploying BAN nebulizer units to decrease the spread of respiratory droplets during aerosol treatments.

In the area of Continuous Quality Improvement, we did a focused review over 30 days of all of our runs dealing with chest pain to see how many of these patients received aspirin, oxygen, and a 12-lead EKG routinely. This study helped us point out discrepancies in routine treatment of chest pain patients and allowed us to clarify in the protocol, the expected evaluation and treatment of these patients.

In terms of EMS research, we participated in the following studies:

- Comilla Sasson's (the CARES Research Fellow) studies: "Identifying High-Risk Geographic Areas for Cardiac Arrest: Comparing Three Methods for Cluster Analysis" and "Identification of High Risk Communities for Cardiac Arrests Using GIS."

- Nationwide Children's Hospital in the Therapeutic Hypothermia After Pediatric Cardiac Arrest trial.
- The Harvard sleep study.
- Dr. Michael Cudnik, from the OSU Department of Emergency Medicine, on a project to identify factors related to AED placement (or lack of) and bystander actions at the scene of a sudden cardiac arrest.
- Dr. Kathleen Brown at Children's National Medical Center on the "Development of a valid and reliable pre-hospital pediatric asthma severity score."

In addition Dr. Keseg authored several articles for EMS publications in 2010 including:

- "Reducing Interruptions in CPR: Continuous Chest Compression CPR and Minimally Interrupted CPR Resulting in Improved Survival from Out of Hospital Sudden Cardiac Arrest"
- Article for State of the Science *JEMS* on Continuous Compression CPR
- "EMS calls to urgent care centers: Successful Approach to Pitfalls and Problems" for *EMS World* magazine
- "Destination Policies for EMS: What is our Responsibility to our Patients?" For *JEMS* magazine
- Article on the cardiac arrest of Lt. Polaski for *JEMS*
- "My patient has no pulse—and he's talking to me! EMS Evaluation of Patients with Ventricular Assist Devices (VADs)" for *JEMS*
- "Chest Pain Evaluation by EMS Personnel—Patients may not want to go to the hospital, but for this group, there's nothing more important" for *EMSResponder.com* Online Exclusive.
- Article on *EM News* highlighting our treatment of excited delirium patients with Ketamine.





The paramedic crew that resuscitated Lt. Mike Polaski after his cardiac arrest

Based on a very difficult run we had in February 2010, we decided to see if we could develop an emergency surgical response team that could be called out of either Grant or OSU Medical Centers for cases that might require on-scene surgical interventions. We were able to come up with a legal agreement that was acceptable to both sides and we hope to be able to implement this team in 2011.

We are also pursuing legislation to allow paramedics to give influenza vaccinations in their scope of practice. This will be developed in conjunction with COTS and the Ohio Fire Chiefs Association. If passed, this will allow our paramedics to give flu shots to their colleagues and not require nurses to give them.

Dr. Keseg's committee and collaborative involvement included:

- Chaired quarterly protocol committee meetings and EMS Equipment Committee meetings for CFD
- Participated in the third year of CFD Vision Workgroup to evaluate best practices in EMS and apply them to CFD EMS
- Participated on Stroke Task Force and on Cardiac Arrest subcommittee for COTS
- Provided medical resource and counsel to City Council and the Department of Public Safety on implementing TASER devices for Columbus Police Department (CPD) and tracking EMS information regarding individuals on whom it was used
- Consulted with Fire Alarm Office on ProQA and other fire alarm dispatch issues

- Helped advise and provide counsel to the City Attorney's office on litigation issues involving Columbus Fire EMS
- Was named to the *Journal of EMS* Editorial Board
- Did periodic conference calls and meetings with EMS supervisors for updates and data exchange
- Set up a rotation schedule for Ohio State University EM residents to "adopt" a fire station to do ride-alongs and educational sessions
- Worked with Special Duty on issues relating to our contracts with Huntington Park and the Columbus Clippers as well as the Columbus Blue Jackets and Ohio State University football
- Met with representatives from Netcare, Friendship Village, Faith Mission, Doctors Urgent Care, and other organizations to work

out potential problems involved with these facilities and their utilization of CFD EMS

In addition to the above, Dr. Keseg continued to develop and produce a quarterly television program that was recommended by Chief Pettus on GTC-3 called "EMS Perspectives" that highlighted EMS activity within the Columbus Division of Fire and its beneficial effect on our community. Our program format was changed to incorporate more on-scene taping as opposed to round table discussions in the studio. We did two programs this year:

- The extrication and trauma care of Blake Quincel
- The successful resuscitation from cardiac arrest of Lt. Mike Polaski

Dr. Keseg also was a featured speaker at the EAGLES conference in Dallas that has the EMS medical directors of the 20 largest cities in the U.S. participate along with EMS providers from all over the world. He also spoke at the Prairie Township EMS Symposium on "LVAD patients and their care in the EMS setting." Finally he spoke at the 2nd Annual Myocardial Infarction Update: Big Ten Topics in STEMI Management 2010 at OSU. ♦

Administration Bureau

The Administration Bureau is headed by the Executive Officer (XO), Assistant Chief Warren Cox, who is second in command to the Fire Chief. The XO represents the Fire Division in contract negotiations, disciplinary hearings, and interacts with other city divisions and departments. The Administration Bureau is responsible for human resources, payroll, recruitment, background investigation, internal investigation, and discipline.

Executive Officer's Liaison

The Liaison is Captain Larry Barton who manages these recurring major issues:

- Tracking the permanent assignment of Division members.
- Processing permanent transfers of about 45 people each quarter who are successful in the bidding process for a transfer to a new assignment.
- Administering the Flower Fund. Last year nineteen people were memorialized including retired members and/or friends of the Division.
- Handling light-duty assignments. Seven to ten members a month need a light-duty assignment. The Division averages 30 people at any given time on restricted duty. Members on light duty may work on key projects and assist their stations in completing building inspections.
- Managing the Division's 155 cell phones and 55 pagers.

Executive Secretary

The Executive Secretary, Janet Hedges, assists the XO with management of office functions and assists various committees within and outside the Bureau of Administration. This includes working with Fleet Accident Review, Background Investigation, and the Critical Incident Stress Team.

Background Investigations Unit

The Background Investigation Unit is responsible for conducting in-depth investigations of firefighter applicants on the Civil Service eligibility list prior to final appointment. In 2010, the unit processed an extensive amount of candidates in order to have one hundred new-hires ready to fulfill the needs of the Division. The unit expects many more candidates in 2011.

Recruitment Office

The Recruitment Office is directed by Lieutenant Gary Smith with a staff of two permanently assigned firefighters. Recruitment continued to educate the public about the diverse skills and responsibilities of the professional firefighter. This was done by attending career fairs and speaking



***FIRE 20/20 Recruiting and Diversity meeting
held at local 67 Union Hall***

engagements at public schools and community events. The Recruitment Office fields many questions about the candidate selection process, including requirements, steps and phases in the process, and how to receive Civil Service notification for the open application period for firefighter. The Recruitment Office continues to recruit applicants reflecting the demographics of our community.

Human Resources/Payroll

The Human Resources (HR)/Payroll section is headed by the HR Manager, Vickie Atkins Loeser, with staff member Rachel Crawford in HR and staff members Christie Blue, Tim Eaken, Diana Reed, and Stephanie Shaw in Payroll. In 2010, the Division hired 101 fire recruits. The personnel in payroll continued an excellent job processing payroll under sometimes adverse conditions. Human Resource/Payroll functions include:

- Administering benefits such as insurance, disability, injury leave, Family Medical Leave of Absence and Worker's Compensation.
- Administering all personnel transactions including promotions, demotions, suspensions, resignations, retirements, terminations and layoffs.
- Overseeing compliance with labor contracts on matters such as grievance and disciplinary procedures.
- Preparing reports and tracking overtime, retirements and staffing levels.
- Making quarterly personnel related budget projections and handling various federal personnel reimbursements requests.



- Processing and tracking injury leave and maintaining the OSHA 300 log.
- Processing personnel/payroll transactions for regular hours, overtime and shift differential.
- Certifying retirement contributions to the Ohio Police & Fire Pension Fund.
- Validating payroll and making corrections and adjustments such as retroactive pay.
- Maintaining personnel records and distributing payroll related information to members.

Professional Standards Unit

The Professional Standards Unit (PSU), lead by Battalion Chief Charles Campbell, investigated 265 complaints and allegations of misconduct made against members of the Division. These were 165 intra-divisional assignment directives and 100 citizen complaints.

A new digital voice recording system was purchased and installed for PSU investigators in 2010. ♦



Emergency Services Bureau

24/7/365

The Emergency Services Bureau (ES) is headed by Assistant Chief Richard Braun and includes three units, each covering a 24-hour shift.

A deputy chief also works each of the 24-hour shifts and commands each unit: Deputy Chiefs Ron Butcher, Sam Cox, and Dave Walton. The City is geographically divided into seven battalions that involve 34 fire stations. A battalion chief on each of the three units commands each battalion.

The bureau also includes the Special Operations Unit headed by Deputy Chief Robert Coles which includes the Technical Rescue companies, the Bomb Squad, the Hazmat Team, EMS, the Dive and Rescue Team, and the Medical Continuous Quality Improvement Office.



Heavy Rescue

The Division provides rescue technicians for the Urban Search and Rescue Central Ohio Strike Team (C.O.S.T.). Members attended the C.O.S.T. training conducted in March, May, July, September and November. In addition, some members responded to two incidents providing manpower in searching for possible victims in areas that were damaged by severe weather in Morrow and Hocking Counties. Other activities included:

- Placed a new rescue Jon Boat into service at station 10. The rescue companies conducted familiarization training for station personnel.
- Conducted a confined space familiarization tour on all three units for rescue companies.
- Attended a two-day symposium at the FDNY Training Academy in New York City covering special operations technical rescue topics.
- Various members met with R&D to develop specifications for new rescue vehicles.
- Conducted a rescue preplan at the Coca Cola plant on Watkins Road and at the Anheiser-Busch Brewery on Schrock Road for members on all three units.
- Conducted a simulated auto extrication at the Ricart Automotive facility as part of their "Teen Driving Safety Day."

continued next page

Emergency Services Bureau

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- A rescue company conducted an auto extrication specialty class regarding high strength steel in vehicles, “scene of the accident.” One day was classroom and one day was extrication training at a junkyard.
- Conducted a familiarization tour to check confined spaces and preplan rescue at the Jackson Pike Wastewater Treatment plant.
- All rescue companies on all units conducted a simulated rescue of a window washer stuck on the side of a high-rise building at the Training Academy.
- Conducted rappelling practice and rope operations at the water tower behind station 33.

Hazmat

Hazmat 4 responded to 38 incidents (seven out of our jurisdiction): 26 daylight runs and 12 night runs, logged 72 hours of service time, used no Level “A” suit ensembles and 19 Level “B” suit ensembles, used 24 self-contained breathing apparatuses for a total of 310 minutes of mask time. The number of runs is down by three from 2009 and the mutual aid runs increased from one to seven. Mask time and the amount of suits used also increased in 2010. Unknown substances, “white powder,” and suspected clandestine labs accounted for five runs.



Another incident at Heartland Petroleum in July was again the largest incident the unit handled for the year. The Hazmat team continues to work with Fire Prevention and Heartland on learning the hazards of that facility. We worked with SO-1 to develop a pre-plan for incidents occurring at Heartland, which should allow firefighters a safer response. Other activities included:

- We have 281 trained Hazmat technicians, up 11 from 2009. Fourteen additional technicians were trained in January.
- Technician refresher training was held in December for 197, totaling 591 training hours.
- Refresher classes were held for Box 15.
- Station 4 technicians attended an 8-hour Hazmat IQ training course.
- Hazmat 4 participated in a full-scale drill at Rickenbacker Airport.
- Hazmat 4 members attended multiple meetings during the year working with a wide variety of organizations including the Ohio HazMat/WMD TAC, Northwest Area Strike Team, Columbus Metropolitan Medical Response System, Federal Post Office, and the Central Ohio Bio-Watch Committees.

- Hazmat 4 supported the JHAT in activities at Red, White and Boom.
- Received additional monitoring equipment from UASI grant monies: an antenna system for the remote monitoring system, and some protective clothing.
- Started developing specifications for a new response vehicle.

Dive And Rescue Team (DART)

DART responded to 25 calls for service, four of which placed divers in the water for underwater rescue. Highlighted runs include two victims being extricated to ALS care, with one victim having a pulse upon delivery to the ER. The other run had divers, tenders and shore crews all working together to bring a victim up from water 20 feet deep to ALS crews in less than four minutes.



One missing person case was solved with joint work between the Columbus Fire DART team and the Columbus Police Department (CPD) Underwater Search and Recovery Unit. The team also stood by for the Red, White, and Boom event, the Mirror Lake event at the Ohio State University, and participated in a joint exercise with the CPD team and the Franklin County Sheriff's Office (FCSO) dive team.

Six new dry suits were placed in service, replacing much heavier, bulkier ones.

Approximately 250 hours of in-service trainings were done on each unit in various water conditions and locations.

Bomb Squad

- Participated in full-scale IED exercises in :
 - Jackson and Union Counties
 - Madison Correctional Institute (London)
 - Joint Dive Team Exercise (CFD DART, Hazmat, & Bomb Squad; CPD and FCSO dive teams)
 - Joint exercise with the Ohio National Guard 52nd WMD CST
- Participated in Forensic Evidence Study for IEDs with the State Fire Marshal and Battelle for Technical Support Working Group.
- Developed a specialized training program for schools and hospitals (Train the Trainer) for bomb threats and IED response. In addition, worked with a committee to create a video for awareness level training for their employees.
- Instructed specialized courses on bomb threats, IED awareness, booby traps, improvised explosives, large venue security, bomb scene evidence collection, and suicide bombers



**Bomb Squad Commander
Captain Steve Saltsman**

for EMS conferences, the Attorney General Conference, Ohio Peace Officer Training Academy, Ohio School Board Association, National School Board Association, and the United States Marshal Service.

- Attended and presented on the topic, "Large Venue Security" at the 2010 Urban Area Security Initiative Conference and the The Counter Terrorist Terrorism Conference.
- Participated in 16 special events as Joint Hazard Assessment Team: eight OSU Games; Red, White and Boom; and the Arnold Classic. Over 100,000 attended each event with 154 responses and 1,743 canine sweeps.
- Participated in 4,233.5 training hours of unit training.
- Participated in 173 missions; including assisting the United States Secret Service and several other federal, state, and local law enforcement agencies in 15 VIP visits and 6 search warrants.
- Responded to 173 Bomb Squad missions.
- Participated in numerous Homeland Security groups including the Ohio Bomb Technical Advisory Committee, Northern Border Security Initiatives, and Ohio CBRNE Working Group.
- Conducted a Post Blast Investigation seminar in Portsmouth for the Southern Ohio Fire Investigation Association and FBI Post Blast School in Columbus.
- Received over \$324,932 in equipment from anti-terrorism grants.
 - The squad trained on this equipment and placed it in service.
 - Equipment included energetic tools, explosive magazines, radiation detection equipment, digital x-ray, robot tools, remote surveillance vehicles, explosion detection equipment, and a radio controlled firing system.
- Instructed 972 persons during in-service training courses for 2,996 total contact hours. This includes seven Incident Response to Terrorist Bombings/Prevention and Response to Suicide Bombing Incidents courses offered monthly across the county.
- Destroyed over 7,000 lbs of illegal fireworks for the Ohio Fire Marshal's office.



Unloading the Bomb Squad robot

Canine Unit

The Canine Unit was recognized as a K-9 Training program by the State of Ohio. The unit began training an explosive detection canine for the Ohio Fire Marshal, and trained the Division's new accelerant detection canine and handler. The



Newest accelerant detection K-9, Paz, with handler Firefighter Louis Smith

Canine Unit hosted an ATF National Odor Recognition Test with 44 EDC K-9 teams in attendance from across this region of the United States.

The Accelerant Detection Canine Team worked numerous fire scenes and:

- Investigated 187 structure fires, including 4 incidents that occurred outside city limits.
- Investigated 42 auto fires.
- Conducted 10 line-up sniffs and 16 demonstrations.

The Explosive Detection Canine Team worked numerous special events and responded to 24 bomb runs, operated 22 VIP details, 13 special events, and one search warrant as well as conducted three demonstrations.



EMS

- Continued working with Nationwide Children's Hospital on the special needs program-setup training sessions with responding stations and "Close to Home Clinics" in their districts.
- Participated in ergonomics study with OSU: lifting straps and patient slide boards.
- Implemented new protocol drugs to use in the field and removed drugs from medic vehicles and stations due to protocol changes.
- Oversaw installation of lock boxes for controlled substances on the EMS supervisors' vehicles.
- Added pediatric and obese EZ-IO needles to supplement the standard EZ-IO needles carried by supervisors.

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Emergency Services Bureau

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- Per protocol, added Ketamine to their vehicles for use on excited and agitated delirium patients.
- Reviewed semi-annual protocol updates with medic personnel.
- Reviewed updates and changes in the Toughbook operations/reporting system with medic personnel.
- Placed new Ballistic Vest on medics.
- The Tactical EMS (TEMS) team supported the Columbus Police Narcotics Investigation and Tactical team (In/Tac) and Special Weapons and Tactics team on more than 350 missions, up from just over 100 last year.
- Participated in multiple training activities:
 - Live fire training in Muskingum County
 - Rappelling and bus assault training at the Training Complex
 - Tactical entry training with In/Tac
- Eight TEMS team members attended almost 70 hours of training in July at the Ohio Peace Officer's Training Academy (London, Ohio) and earned the EMT-T certification.
- Awarded the 2009 grant from the State Homeland Security Grant Program for tactical EMS team equipment and training.

Continuous Quality Improvement

- Completed two EMS SOP revisions directed by the Division's medical director and EMS Protocol Committee.
- Continued participation in Mission: Lifeline, the American Heart Association's initiative to reduce morbidity and mortality from heart disease by improving care.
- Hosted Cardiac Arrest Survivor Celebration in May, emceed by 10tv's Angela Pace.
- Participated in the Chest Pain Re-accreditation of Riverside Methodist Hospital and Grant Medical Center.
- Attended EAGLES conference and pre-conference in Dallas, Texas.
- Completed reconciliation of CAD and ePCR in conjunction with Med3000.
- Participated in COTS pre-hospital committee and STEMI, Sudden Cardiac Arrest, and Diversion sub-committees.

- In cooperation with DoT, updated EMS Field Officers' computers with CodeStat software so they can see ECGs on their computers.
- Collaborated with Med3000 and Open on ePCR changes to improve documentation.
- Completed *JEMS* EMS survey.
- Maintained cardiac arrest database and performed monthly audits of data, including year-end audit. Members responded to 563 working cardiac arrest calls, down from 589 in 2009.
- Retrospective and concurrent review of emergency medical services delivered by the Division.



EMS Records

- Implemented electronic option for requesting reports and fulfilling report requests.
- Maintained data on 117 social service referrals (99 last year).
- Fulfilled more than 1,200 external and almost 1,800 internal EMS ePCR requests.

EMS Billing:

- Collected \$13,384,653 from EMS billing in 2010. ♦



Support Services Bureau

Overview

The Support Services Bureau (SSB) is directed by Assistant Chief Jerry Mason and its mission is to provide the materials, equipment and facilities our members need to perform both their emergency and non-emergency duties. Our motto is "we supply everything our members need except people".

SSB is sub-divided into four major functional areas of responsibility: Fire Alarm Office, Maintenance, Logistics Center, and Building Maintenance Office.

Despite the continuing challenges presented by our struggling national economy in 2010, the members of the SSB leveraged the funds made available to them to once again achieve numerous accomplishments. These accomplishments demonstrate our desire and ability to continue to provide the professional fire and EMS services for the people who work and live in the city of Columbus which they expect to receive from our nationally accredited fire department.

Fire Alarm Office

The Fire Alarm Office (FAO), directed by Bureau Chief Jim Davis, receives emergency calls, dispatches fire and EMS runs, and manages communications for Emergency Services. The FAO also coordinates the Emergency Patient Transport Plan for area hospitals and serves as the primary dispatch center for the State Emergency Response Plan and the Central Ohio Strike Team.

The Locution computer voice dispatching system interfaces with Computer Aided Dispatch (CAD) to automatically dispatch incidents to the stations over the IP network. The new system has significantly reduced the amount of time it takes to dispatch runs. In 2010, we continued to adjust the specifics of Locution. The FAO instituted a weekly four-hour training program where Locution is taken down to allow the dispatchers to keep current with voice dispatching.

Personnel from the FAO and Communications are preparing for the upcoming 800 MHz rebanding project. The FCC has ordered reconfiguration of the 800 MHz band to eliminate interference between commercial wireless carriers and public safety radio systems. The rebanding process, scheduled to be



completed in 2011, will require reprogramming of all radios.

The project to replace the CAD System began in December of 2009. Intergraph was selected as the vendor for the new CAD system. New mobile data and fire records management systems will be implemented in conjunction with the new CAD. Emergency Technologies Inc. has been selected as the Fire / Record Management System vendor.

- The MDT will be receiving data from air cards. One is in service for testing at station 15 with positive results.
- Completed record management system administrator training.
- Averaged 25,000 phone calls per month.
- Processed approximately 10,000 9-1-1 calls per month. (74% were cell phone calls).
- Initiated CAD implementation work on the software for the May 2011 CAD upgrade.
- Transitioned Bureau Chief David Witosky to PSU and Bureau Chief Jim Davis into the FAO.
- Transitioned Lieutenant Steve Smith to Special Events and Lieutenant Jeff Geitter into the FAO.

Maintenance

Maintenance has three main sections of responsibility and is headed by Captain Roby Hayworth.

Fire Apparatus Liaison Office (FALO)

The FALO accomplishes its mission by interacting with the Fleet Services Division in overseeing the annual testing:

- NFPA aerial ladder and fire pump testing
- VIS Dyno brake testing of all engines, ladders and rescues

Other activities included:

- Scheduled trailer hitch installation on 6 of 8 engines needing them
- Completed 16 recalls for transmission cable repairs
- Recall on air conditioning repairs



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Support Services Bureau

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- Repaired door alarm on 15 new engines
- Repaired cracks in the steering system on 15 Spartan engines
- Completed 17 recalls for jump start stud corrosion
- Completed 21 recalls to update the ECM Software
- The vehicle inspection report for Fleet's quality control is being attached to each work order electronically and it can be viewed under the files tab as a PDF
- Issued safety notices on Spartan Chassis, Inc. for a diesel particulate filter over-temperature condition that shuts down the engine unexpectedly

When FALO is notified by an ER-99 form of services needed on a vehicle, we now have the ability to notify Fleet electronically and they put it into a Service Request "pending work" file. This file is electronically attached to the Brass Tag (BT) number and comes up when the FleetFocus system is used by anyone to view that BT #.

In an effort to supply CFD with information we use the status-report-program on extra apparatus which is kept by using a Microsoft Excel program. This Monday through Friday status-report-program contains all of the extra vehicles (Engines, Ladders, Medics, Bn & EMS vehicles) and is made available for all to see on our intranet's common share program.

The laundry technician (Maintenance 28) and all equipment have been moved to the Parsons Avenue complex and are assigned to work under the Supply Supervisor (ICP Manager), Ron Taylor. Also, we received a new 2010 Ford Ranger for station 12.

Tools and Equipment Section

This SSB section oversees the inventory, repair, replacement and maintenance of various tools and equipment used by Emergency Services and Support Units. This is accomplished by maintaining a closely managed inventory of equipment to exchange in a quick, timely manner on a daily basis. This section is also involved with R&D on various specification committees for the purchase of equipment. Additional accomplishments included:

- Repaired and tested all hydraulic tools
- Upgraded spreaders and pumps
- Replaced and repaired damaged tools and equipment
- Assisted with ladder testing
- Replaced all damaged ground ladders
- Put a RESCUE ONE connector boat in service at station 10
- Sent out linemen's gloves and hot stick wire cutters for testing

Mask Repair

Directed by Lieutenant Matt Miller, Mask Repair completed the annual flow tests on all SCBAs within the Division, conducted annual ground ladder tests on all engines and ladders, and performed annual face piece fit tests on both Scott's and 3M masks at all fire stations and the Training Academy for division members. Repaired and maintained SCBAs, air cylinders, and face pieces. Mask Repair technicians maintained and repaired

oxygen and breathing air cascade systems at all fire stations. In addition:

- Hydrostatically tested Scott's air cylinders, breathing air cascade cylinders and oxygen cylinders.
- Ordered parts for SCBAs and cascade systems.
- Maintained fuel, oxygen and breathing air supplies for all fire stations.
- Repaired/replaced SCBA harnesses.

The Health and Fitness Coordinator directs a physical fitness program which is on schedule. Turn-around dates are 12–13 months. Over 1,300 firefighters were scheduled to participate in the physical testing process this year.

Logistics Center

The Logistics Center (L/C) at 2028 Williams Road is managed by Lieutenant Terry Neal. Personnel are responsible for stocking, ordering, and delivering all supplies for the Division. There are four sections assigned at the L/C:

- EMS Supply, directed by Firefighter Rick Meadows
- Supply, directed by Ronald Taylor
- Hose Repair, directed by Corey Jones
- Upholsterer, directed by Vickie Caito

EMS Supply

EMS Supply is responsible for inventory, tracking, storage and purchase of all EMS supplies, EMS equipment and EMS pharmaceuticals, as well as for the purchase, inventory and security of all controlled substances, and responsible for filling of numerous emergency requests for EMS supplies and equipment. Activities included:

- Handled the exchange and repair of LifePak units as well as co-ordinated preventive maintenance on 96 units every six months.
- Purchased and set aside enough EMS supplies to handle a mass casualty incident involving three hundred people. These supplies are inventoried and rotated on an on-going basis.
- Updated 3,000 N95 masks for possible Bird Flu and 30,000 particulate masks.
- Updated EMS Supply order sheet to match FEAM application.
- Updated Fire Electronic Asset Tracking System (on-going).
- Updated all EMS forms used by Emergency Services in the Division's Forms folder.
- Maintained accountability of Division's dangerous substances per DEA & OAC regulations.
- Standardized division forms and instructions for EMS dangerous substance and monitored accountability.



- Upgraded all inventory books and bar coding sheets to work with the FEAM application.
- Updated and wrote all new specifications for UTC contracts to purchase EMS supplies and equipment.
- Renewed the Division's DEA drug license.
- Updated the process for a medical supply purchasing co-op.
- Upgraded all 96 LifePak 12s with new software.
- Replaced the 2008 drug licenses at 34 locations.
- Continued the program to replace all of the Division's cots with heavy duty 650 lb. capacity cots.
- Completed the purchase process of CPAP devices for all Special Duty medic vehicles.
- Started the purchase process of IO Drivers for all medic vehicles.
- Shipped all outdated Mark-1 kits from the Health Department for disposal, completing the exchange program.
- Received numerous EMS grants for the purchase of equipment for training.
- Trained new storekeeper on procedures for EMS supply inventory, ordering and distribution.
- Worked with the equipment committee on new items and the deletion of un-needed items.

Supply

- Purchased, stored, and distributed over \$700,000 worth of janitorial, office, kitchen, small tools, and misc. house supply items.
- Inspected over 1,500 sets of turn-out gear and distributed 298.
- Issued 142 pairs of fire boots.
- Issued 67 helmets for either replacement or promotion.
- Exchanged 997 fire hoods.
- Exchanged 1,003 pairs of fire gloves.
- Responded to over 2,700 phone calls.



- Supervised and assigned duties to three storekeepers and one hose repair technician.
- Assisted in managing the daily operations of the Division of Fire Logistics Center.
- Participated in 33 house inspections.
- Responded to 41 stations or emergency scenes to exchange damaged gear.

- Maintained the inventory and storage of the hazmat and weapons of mass destruction inventory.
- Purchased and distributed supplies and equipment to 34 fire houses and the 5 supporting bureaus and their offices.
- Assisted the Firefighters 4 Kids Toy Program set up and distribution from the Logistics Center.

Hose Repair

- Secured hose for Red, White, and Boom.
- Repaired over 180 sections of hose.
- Delivered over 200 sections of hose to various stations.
- Inventoried all high pressure hose assigned to Emergency Services for high-rise packs.
- Performed various maintenance repairs on the building.



- Inventoried and tracked over 130 sections of new replacement hose.
- Assisted with reorganizing the warehouse for use by the Firefighters 4 Kids Toy Program.
- Exchanged all Civil Defense radiation meters assigned to Emergency Services including the Beta Models (CDV-700) and Gamma Models (CDV-715), the Dosimeter Calibration Units (CDV-750), and Dosimeters (CDV-742).
- Supplied 800 feet of 1-1/2" and 2-1/2" hose for 4 foam trucks.
- Delivered 16 sections of 2" high pressure hose for 8 new engines.
- Assisted with the delivery of house supplies.

Upholsterer

Created the following:

- 175 individual name tags for turnout gear.
- 10 outlet straps for engines, 10 miscellaneous straps and 9 straps for new apparatus.
- 3 mail bags, 3 C-Collar bags, 20 small and large electrical cord bags, 1 splint bag.
- 3 stand pipe kits, 4 high rise packs, 2 equipment covers, 2 tool pouches, 2 hose bed covers, 20 apparatus log book covers, 1 hot stick cover and 1 ladder boot.
- 5 obese carriers, 12x12 tarp, 1 sleeve for microphone clip, 3 typewriter covers, and 12 curtains for dorm rooms.

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Support Services Bureau

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Repaired the following items:

- 550 pieces of turn out gear, 5 hose bed covers, and straps for 1 computer case.
- Modified 41 Rit Pack Bags, 5 Self-Contained Breathing Apparatus (SCBA) face piece bags, and 12 mail bags.

Building Maintenance

Building Maintenance is directed by Pete Knudsen. Accomplishments included:

- Completed repair to station 16 floors.
- Moved the air compressors from 270 Greenlawn to station 7.
- Upgraded the electrical at station 19 for the incident command vehicle.
- Completed design for the repair of the front ramps at station 11 and the work started in December.
- Began design work on stations 8 and 32.
- The balance of the stations will be re-surveyed and design for renovation work will start in the second quarter of 2011.
- Put together a stimulus lighting package for various stations with work beginning the first quarter of 2011.

- Began a second energy lighting plan working with municipal lighting stations with renovation work to start in the third quarter of 2011.
- Completed design work for the renovation of various fire station cabinets (8, 16, 21, 23) with work starting in the first quarter of 2011.
- Completed design and bidding for the repairs to the apparatus floor of station 13 with work starting in the first quarter of 2011.
- Started design work on window replacement for various fire stations (1, 2, 5, 7, 8, 12, 13, 16, and 20).

Technological Improvements

While on special assignment, Captain Lana Moore developed a computerized inventory system to track inventories and associated costs for our Quartermaster program. In addition, this new computerized tracking system is being used to track the issuing, cleaning, repair, and replacement of the Division's emergency services turnout gear. With these programs in place, the Division has achieved one of the goals to ensure its continued accreditation. ♦

Training Bureau

The mission of the Training Bureau, directed by Assistant Chief Greg Paxton, is to assure that all Division members have the knowledge and skills necessary to safely and efficiently fulfill the Division's mission. To accomplish this, the bureau is divided into four functional areas, with specific areas of expertise and training responsibility.

The administrative secretary, Geneva Bourne, has clerical responsibilities as well as assuring records are properly recorded and processed. Besides training the Division's recruit firefighters, the Training Bureau also provides the Division's medical training and other specialized training, as well as maintains records for various certifications held by Division members.

The management structure of the Training Bureau is organized to provide training for two general disciplines: fire training, under the supervision of Battalion Chief Robert Babb, and emergency medical training under the supervision of Captain John Wilt. Fire training is further divided into three areas of expertise, each supervised by a captain: Recruit Training, Officer and Specialized Training, and Apprenticeship Training.

The Emergency Medical Training section is responsible for training all levels of emergency medical technicians and for maintaining those certifications through extensive continuing education courses.



2010 was the first year for regular use of the new Training Complex

The Recruit Training section is responsible for receiving civilian candidates and converting them into firefighters with EMT Basic, Firefighter II, and Fire Inspector certifications.

The Officer and Specialized Training section is responsible for officer and in-service training including hazmat, ARFF, technical rescue, and state-mandated firefighter and fire safety inspector continuing education.

The Apprenticeship Training section is responsible for continuing the training for the newly graduated firefighters until such time as they attain certification as a Journeyman Firefighter. They are also responsible for practical skill development and evaluation for all fire companies and other personnel.

In summary, the Training Bureau is involved in a partnership between training staff and the members of Emergency Services (ESB) who help to present the training. This working relationship is why we look forward to having an even more successful training year in 2011.

Online Learning Implementation

The Training Bureau implemented Online Learning in 2009 utilizing CentreLearn as our training content provider. In 2010, over 40,000 hours of continuing education were completed and over 30,000 certificates were earned. This has proven to be invaluable in meeting the Ohio continuing education requirements for Firefighter II and Fire Safety Inspector certifications and complying with random certification audits. We are moving forward with the development of our own EMT-Basic (EMT-B) and EMT-Paramedic (EMT-P) content with the intent of replacing a portion of the current classroom continuing education.

This project was initiated in 2006 to meet the Ohio legislative mandates that all firefighter and fire safety inspector certificate holders recertify every three years. Each recertification cycle requires the certificate holder to attend 54 hours of continuing education for firefighter and 30 hours of continuing education for fire safety inspector.

The potential cost to the Division for this mandate could have exceeded \$2,000,000 if we used the traditional model of bringing students to a central location and replacing them utilizing overtime. The training staff has implemented, with the help of the Division of Communications and Department of Technology, a learning center in every fire station with at least 3 learning computers and a network printer to facilitate the delivery of online educational material. A vendor was selected to deliver online course content and track each certificate holder's continuing education. This system also tracks the expiration of each firefighter's multiple certifications. In addition, Columbus-specific education is developed and made available through this medium. The program is intended to combine knowledge and practical application into a fire service employee's continuing educational requirement.

This plan also includes additional future staff to facilitate practical skill training and testing in the field so that ESB personnel can remain available to respond immediately to any calls for service.

Training Facility

In 2010, we began utilizing our new Training Complex. This \$9.7 million project includes a natural gas fired burn building, six story training tower, practical skills building and various additional training props. These facilities have been utilized extensively for recruit, apprentice and in-service training evolutions. Features of the new complex include:

The Practical Skills Building houses Recruit Training staff and students. It includes classrooms, shower facilities, turn-out gear room, SCBA storage and maintenance room, three story attached tower, breathing air compressor and cascade systems and six extra high and extra long apparatus bays.

These bays house training apparatus and equipment and also afford the opportunity to conduct practical skills training and testing indoors in inclement weather.

The Burn Building is two stories with an attic space, kitchen, bedroom and attic natural gas burn props and smoke production on all levels. There are five rooms on each of the first two floors plus three attic rooms

and various openings, balconies and roof amenities to allow a vast variety of training opportunities.

The Training Tower is a six-story masonry structure with a two-story wing allows us to simulate high rise emergency operations. There are a variety of openings and anchors to facilitate ladder, rope and confined space training evolutions.

The Roof Simulator is a wooden structure that includes three different roof pitches. It has a replaceable cutout section in each

pitch and allows us to provide roof operations training in a relatively safe environment.

The Shelter House is an open sided 40x60 foot shelter with electric and water, providing a haven from the heat and rain. It has tables and marker boards for lesson reinforcement in a "dirty classroom" environment.

The Storage Building is a 40x60 foot "pole barn" being used to store equipment and supplies that we utilize for off-site live fire training. Recruit Training has also built an advanced search and rescue SCBA confidence maze that is stored here.

The Training Ground surrounds all these structures with a large expanse of heavy duty, reinforced concrete to accommodate fire apparatus. It has twelve fire hydrants, a pond with dry hydrants for drafting, and a half-mile asphalt running trail around the complex.

Emergency Medical Training

The Emergency Medical Training Section has a staff of one permanent lieutenant, one permanently assigned firefighter, two EMS Instructor II, two EMS Instructor I, and two temporarily assigned firefighters. Additional staff is assigned as needed to provide essential training. This section is responsible for providing the initial and continuing education necessary to maintain Ohio certifications for 766 Paramedics and 724 EMT Basics.

Sixteen new paramedics completed their training and were certified by the Ohio Division of EMS. All of these passed the



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Training Bureau

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National Registry Exam on the first attempt for a first time pass rate of 100%, compared to 58% in 2002.

EMS Training developed and implemented a new EMS Continuing Education program that integrated EMT-B and EMT-P students in the same class. This eased ESB staffing obstacles, reduced overtime costs, and improved class utilization efficiencies.

The EMS Training Section provided 113,370 hours of training during 2010, broken down as follows:

- Paramedic Course (36 students; 27,000 hrs)
- EMS Continuing Ed Series (3,776 sessions; 30,188 hrs)
- ACLS Update (391 sessions; 3,128 hrs)
- CPR Course (612 sessions; 4,896 hrs)
- PALS Provider Course (53 sessions; 848 hrs)
- ITLS Provider Course (42 sessions; 672 hrs)
- Miscellaneous CME (24,319 sessions; 48,638 hrs)

2011 Goals include:

- 2 Paramedic classes of 20 students each.
- Continue EMT-P and EMT-B continuing education courses.
- Continue ACLS and CPR instruction.
- Integrate PEARS training into curriculum.
- Continue providing PALS courses.
- Integrate Advanced Treatment of Trauma into curriculum.
- Use E-learning for more continuing education needs.
- Utilize SimMan for realistic practical exercises.
- Produce relevant D/L materials in-house.

Recruit Training

The Recruit Training Section, headed by Captain Stewart Atwood, has a staff of four permanently assigned firefighters. Lieutenant Greg Howard was temporarily assigned from Fire Prevention to manage the Firefighter-II program. Lieutenant Steve Robertson was temporarily assigned from ES to manage the Division Operations program. Lieutenant Roland Guay was borrowed from the Administration Bureau to instruct the Fire Safety Inspector program. Four additional firefighter instructors were temporarily assigned to assist recruit classes.

Recruit Training Activities included:

- Provided monthly training for auxiliary firefighters: the first to train in the burn building, confined space tunnels, roof simulator and the interior training tower.
- Assisted with in-service evaluations for all ESB companies. Companies were evaluated while performing a vent, enter, search and Rescue scenario.
- In June, a recruit class of fifty began training with forty-eight firefighters expected to graduate in January 2011. During their 32 weeks of training, these recruits will have earned their State of Ohio FF II certifications, State of Ohio Fire Safety Inspector certifications, National Registry EMT-B certifications, Hazmat Awareness and Operations certifications.

- In December, a recruit class of fifty-one members began training. They are expected to graduate in July 2011.

The Recruit Training staff maintains 4 fully equipped engines, 2 ladder trucks, 4 buses and various other pieces of apparatus which are used throughout the year as supplemental ESB companies, for FPB fire watches, apprenticeship testing and for recruit training.



Officer and Specialized Training

This section is headed by Captain Michael Vedra and includes Officer Training, Manual Revisions and Specialized Training. One permanent firefighter is assigned to this area and is responsible for maintaining the extensive training video program. Many temporarily assigned personnel and outside facilitators are utilized to offer a wide variety of courses.

This section provides training to keep our personnel informed of the most current emergency response techniques which enables them to respond safely and knowledgeably to any emergency. This section also tracks company-level training for the Division, updates in-service lessons plans, and has developed curriculum for Fire Officer I and II and Safety Officer 2 courses. Activities included:

- 40,000 hours of continuing firefighter and fire inspector education delivered via our new online learning system
- Fire Officer I course for 22 students
- Division-wide assessment drills for 114 engine companies, 55 ladder companies, and 34 medic companies
- Large diameter attack line classes
- Hazmat Refresher and Hazmat Tech
- Save Our Own and Engine Operations classes
- First-in Drills utilizing the tower and the burn building
- 22 acquired structures (single family residences, duplexes, and multi-unit apartment complexes) were utilized: 12 in live-fire training, the rest for a variety of training such as bomb squad, arson investigation, Homeland Security, collapse, hazmat, search and rescue, etc.
- ARFF Refresher
- Ice Rescue School conducted for all rescue personnel

Apprenticeship Training

This Section is headed by Captain Donna Billingham with a permanent staff of one lieutenant and two firefighters. Accomplishments include:

- Written assignments updated to make work more challenging and stimulating. The assignments gave apprentices consistent, controlled assignments that help them discover and recognize pertinent information in the presented material.
- Reviewed and updated 6 modules, 5 quizzes, and a final exam.
- Firefighter Richard Bollon administered quizzes, distributed homework modules, and recorded results for the 2008 class.
- Conducted 2010 Spring In-Service Assessment training for Emergency Services companies.



Captain Greg Lash conducts morning instruction

- Continued to enhance the hands-on fire skills development with the apprentice firefighters with a full day of training every six to eight weeks.
- Conducted several meetings with the Journeyman Firefighter committee.
- Administered written quizzes to apprentices, reviewed the answers and the completed assignments and performed hands-on fire skills.
- Lt. Kevin O'Rourke reviewed new firefighting resource books for use within the apprenticeship program. These resource books, tapes and articles included topics dealing with engine and ladder company operations, and fire service building construction.
- Lt. Kevin O'Rourke assisted eligible veterans in the apprentice and/or paramedic program to receive monthly benefits from Veterans Affairs.
- Reviewed program with the Ohio State Apprenticeship Council.
- Reviewed program with the Ohio Department of Education and U.S. Department of Veterans affairs.
- Administered Final Practical Skills Test for the 2008 class.
- The 2008 class completed 11 teach-back modules.
- Gave certificates to 1 firefighter from the 2006 class for successful completion of the Apprenticeship Program. ♦

Fire Prevention Bureau

Bureau overview

The Fire Prevention Bureau, headed by Assistant Chief Karry L. Ellis and Acting Assistant Bureau Head, Acting Battalion Chief Sean Devlin, continued its three-pronged mission of education, investigation and inspection in 2010. While fire deaths from accidental causes remained low, five people perished in set fires and another two were murdered and a fire was set to attempt to cover the crime, a relatively new problem for our bureau to deal with. Continued deterrence against known arsonists and working with prosecutors seems a logical first step in combating this type of crime.

Fire education efforts continued to be focused on the young and elderly, and a strong commitment for continued safety education for the Somali and Latino populations. Personnel assigned to Community Relations were very active in the community this year which will continue in 2011.

The Fire and Bomb Investigations unit continued to perform very well with a substantial increase in arrests in 2010.



The investigators continue to train with CPD for weapons and defensive tactics and have also attended a number of classes at the National Fire Academy as well as places like Camp Dodge, Iowa, a federal facility offering a variety of law enforcement courses. The use of the Computer Voice Stress Analyzer continues to be an extremely helpful tool in interviewing suspects.

The Inspections section continued to perform well, and for the second straight year, was able to complete all inspections of both private and public schools in one year. Adding a third school inspector two years ago enabled this accomplishment. While overall bureau inspections were slower this year, the pace appears to be picking up again as indicated by the number of plans reviewed and acceptance test inspections.

Community Relations

The Community Relations section, directed by Lieutenant David Sawyer, was actively involved in the community. FF Alonzo King conducted 103 "Fifty Year Plus" programs to over 1,000 older

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Fire Prevention Bureau

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adults. He was also instrumental in our Language Barrier Consortium, served on the Mayor's Senior Services Roundtable, the "Remembering When Task Force" and was recognized numerous times for his efforts, including receiving the "Spirit of Love" award from Dr. J. Nesbitt of Youth Connection, Inc. for working at pairing youth seeking opportunities for community service with elderly in need of such help.



State Farm Insurance provides smoke detector grant

Lt. David Sawyer was involved in several community related boards such as the Franklin County Save Your Home Task Force and the Columbus Public Health Child Fatality Review Board, and was actively involved in securing grants for smoke detectors from the Columbus Chapter of Chartered Property and Casualty Underwriters Society, Lowes, and State Farm Insurance. Lt Sawyer also participated in twelve Government Channel 3 fire safety programs and also was present at all of Mayor Coleman's Neighborhood Pride events.

FF King also participated in a consortium of agencies including Rebuilding Together, the Southside Settlement House, and Nationwide Children's Hospital in distributing 115 safety kits in the South Side area. Each kit, obtained with grant money, included a carbon monoxide detector, four smoke detectors, a large set of house numbers and pamphlets on home fire safety and fall prevention.

FFs Trina Cain and Jamie Sierra, with assistance from Emergency Services firefighters, presented the Safety House or other fire safety programs 254 times reaching an audience of 34,000 people. These programs included annual events such as our Arson Awareness Week poster contest, neighborhood block watch presentations, school Safety House demonstrations and education, the Language Barrier Coalition, National Night Out and an annual program to distribute batteries and smoke detectors in the Franklinton community.

Firefighters Against Drugs (FFAD) continued its mentoring program, with 240 presentations to over 3,600 students within the Columbus Public Schools. At their holiday dinner at Eastgate Elementary School in December, FFAD mentors, off-duty firefighters and fire civilian staff provided a luncheon and gifts to over 450 students. The gifts included twelve new bicycles with helmets and numerous age and gender-appropriate gifts. Many thanks to FFs Larry Sims and Victor Wilson for their continued leadership of this group.

Fire and Bomb Investigations Unit

The Fire and Bomb Investigations Unit (commonly called "Arson"), directed by Captain Jeff Happ, investigated 938 incidents and made 136 arrests, up from 798 and 112 respectively in 2009.

The Arson section continued weapons and defensive tactics training with CPD, as well as obtained additional training at the National Fire Academy, the Ohio Fire Academy and national training centers such as the Midwest Counterdrug Training Center at Camp Dodge, Iowa, where much training has been obtained for the cost of the drive to the location and meals while there—a great use of training funds.

The close association with other agencies such as the U.S. Marshals, CPD, Alcohol Tobacco and Firearms (ATF), as well as the Ohio Bureau of Criminal Investigation (BCI) continues to pay dividends through mutual assistance in case resolution. New technology has been provided by BCI that helps with surveillance of previously convicted arsonists who are again the focus of arson investigations.

Investigators continue to work closely with CPD on the fatal arson fire on North Yale Avenue which claimed three lives. Seven fatalities were arson-related this year, either to cover murders or that caused fire deaths.



Winners in the Arson Awareness Week poster contest

Fire Inspection Section

This section chose not to fill the captain's position in an effort to cut overtime expenses (bringing a captain from ES to fill the position would cause overtime). It is expected to be filled when the 2011 budget is passed. Acting Battalion Chief Sean Devlin continues to provide supervision for the Inspections Section as well as being the acting Assistant Bureau head.

Under Lt. Dave Hennosy, the Annual Inspections group completed 1,632 inspections of all school buildings, hotels and motels and industrial storage/hazardous materials occupancies, with 632 re-inspections of those properties. Meetings were held in May and August with Columbus Public Schools maintenance and management personnel in an effort to reduce re-inspections.

Lt. Rodney Smith's High Rise and Records office supervised 25 high rise evacuation drills, (12 last year). Six new high rises were entered into the database. The office mailed 7,000 permit invoices and received \$1,080,575 in permit revenue. Over 25,000 inspection and re-inspection forms were printed and distributed to company level inspectors.

Lt. Eddie Arnold's Special Inspection office continues to accomplish all of the major public assembly inspections, underground tank inspections and any complaint inspections.



Inspector Dwight Lewright completes paperwork after a school inspection

Lt. Jeff Litteral's Plans Review office reviewed 1,659 plans in 2010. The office continues to encourage architects and engineers to bring plans to the office for review before plans submittal if there are concerns over code compliance.

Lt. Greg Howard was temporarily assigned to the Training Academy for much of the latter part of the year, but the Requested Inspections office continued to provide requested inspections for licensed facilities such as group homes and day-care centers, completing 1,285 inspections in 2010. ♦

Outside Agencies

Interaction with Public Agencies

The Columbus Division of Fire interacts with numerous public and private agencies while providing daily operations. Public interaction includes contact with government officials in cities, townships, counties, state, and federal offices. Contacts include, but are not limited to city council members, county commissioners, Emergency Management Agency staff, Public Safety Department, division employees, law enforcement, Public Utilities Commission of Ohio, ATF, Federal Bureau of Investigations, Federal Emergency Management Agency and National Fire Protection Association.

Interaction with Private agencies

The Division interacts with numerous private agencies such as local businesses, schools, churches, civic associations, The American Red Cross, The Ohio State University, various central Ohio area hospitals, and local news media as well as Box 15.

Box 15 is a volunteer organization affiliated with the International Fire Buff Associates. Members respond to major fires and emergency incidents providing firefighters with beverages including activity drinks, water, and coffee.

Fire Museum

The Central Ohio Fire Museum is housed in the restored 1908 Engine House 16 at 260 N. 4th Street in Columbus that includes stalls for horses used to pull fire apparatus. The museum is not operated by the Division but many present and retired Columbus firefighters were actively involved in establishing the museum. Visitors can view many fire fighting artifacts and learn about fire prevention.

Interaction with Other Fire Departments

CFD provides fire suppression, rescue, and EMS with interaction from other central Ohio fire departments. This mutual aid system includes sharing personnel and resources to promote efficiency in emergency response. Mutual aid arrangements with others include Automatic Response, Limited Automatic Response, and Mutual Aid.

Automatic Response Mutual Aid

Automatic Response means that the closest complement of personnel and equipment responds to an emergency incident regardless of the jurisdiction location of the incident. Full Automatic means there are no limits. Columbus Division of Fire can use Automatic Response companies in the same manner as their own companies. Our partners are:

Clinton Township	Franklin Township
Grandview Heights	Grandview Heights
Jefferson Township	Madison Township
Mifflin Township	Minerva Park
Truro Township	Upper Arlington
Violet Township	Westerville
Whitehall	

Limited Automatic Response Mutual Aid

Limited Automatic Response companies are only used in certain run districts. The Division of Fire does not limit response into a Limited Response jurisdiction. Our partners are:

Hamilton Township	Jackson Township
Norwich Township	Plain Township
Port Columbus	Washington Township
Worthington	

Mutual Aid

Mutual Aid means that another fire department may be called in to assist but only if the responsible department requests assistance. Our partners are:

Bloom Township	Pleasant Township
Prairie Township	Rickenbacker



1,9



300 North Fourth Street (1982)

Apparatus	Model	Total Runs
Engine 1	'08 Ferrara	1,884
Ladder 1	'08 LaFrance	1,753
Engine 9	'08 Ferrara	2,072
Medic 1	'08 Int'l / Horton	4,612
ES-2	'05 Ford CrownVic	12
SO-2	'05 Ford Crown Vic	463
EMS 11	'06 Ford Expedition	1,861

TOTAL RUNS
12,657*

2,3



150 East Fulton Street (1962)

Apparatus	Model	Total Runs
Engine 2	'08 Ferrara	2,515
Ladder 2	'00 Sutphen	1,468
Engine 3	'06 Sutphen	2,492
Rescue 2	'05 Rosenbauer	3,359
Medic 2	'08 Int'l / Horton	5,252
BN 1	'10 Ford Explorer	2,386
Bomb Squad 2	'07 Freightliner/Pierce	95
Boat 2	'03 Zodiac	0

TOTAL RUNS
17,567*

8



1240 East Long Street (1968)

Apparatus	Model	Total Runs
Engine 8	'06 Sutphen	3,323
Ladder 8	'08 LaFrance	1,444
Medic 8	'08 Int'l / Horton	5,097

TOTAL RUNS
9,864*

25



739 West Third Avenue (1961)

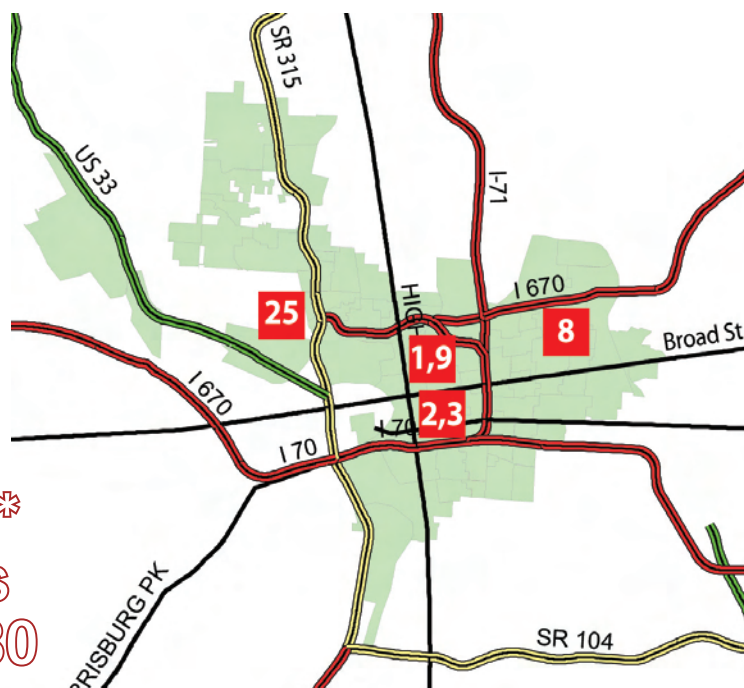
Apparatus	Model	Total Runs
Engine 25	'08 Ferrara	1,778
Medic 25	'08 Int'l / Horton	2,314

TOTAL RUNS
4,092*

BATTALION

1

Total*
Runs
44,180



* all run totals include incomplete January data due to technological problems that month

6



5750 Maple Canyon Avenue (1970)

Apparatus	Model	Total Runs
Engine 6	'09 Ferrara	3,671
Medic 6	'05 Int'l / Horton	4,064
BN 2	'10 Ford Explorer	2,297
Boat 6	'08 Aluminum	0
EMS 12	'06 Ford Expedition	1,484

TOTAL RUNS
11,516

24



1585 Morse Road (1960)

Apparatus	Model	Total Runs
Engine 24	'08 Ferrara	3,944
Ladder 24	'02 LaFrance	1,542
Medic 24	'08 Int'l / Horton	4,167

TOTAL RUNS
9,653

28



3240 McCutcheon Road (1981)

Apparatus	Model	Total Runs
Engine 28	'06 Sutphen	1,768
Ladder 28	'08 LaFrance	985
Medic 28	'08 Int'l / Horton	2,509

TOTAL RUNS
5,262

29



5151 Little Turtle Way (1984)

Apparatus	Model	Total Runs
Engine 29	'00 Int'l/Sutphen	1,495
Medic 29	'08 Int'l / Horton	1,703

TOTAL RUNS
3,198

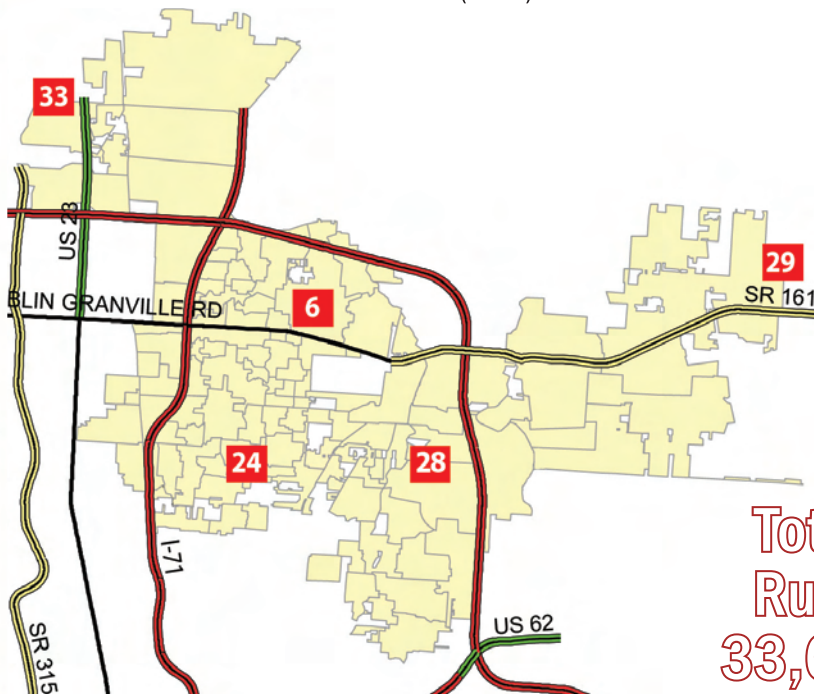
33



440 Lazelle Road (1994)

Apparatus	Model	Total Runs
Engine 33	'05 Sutphen	1,700
Ladder 33	'05 Sutphen	631
Medic 33	'08 Int'l / Horton	1,685

TOTAL RUNS
4,016



BATTALION

2

Total
Runs
33,645

7



1425 Indianola Avenue (1966)

Apparatus	Model	Total Runs
Engine 7	'04 E-One	2,672
Medic 7	'08 Int'l / Horton	3,844
BN 3	'10 Ford Explorer	2,363
EMS-13	'06 Ford Expedition	1,738

TOTAL RUNS
10,618

13



309 Arcadia Avenue (1957)

Apparatus	Model	Total Runs
Engine 13	'09 Ferrara	2,212
Ladder 13	'01 LaFrance	1,624
Medic 13	'08 Int'l / Horton	3,309

TOTAL RUNS
7,145

16



1130 East Weber Road (1953)

Apparatus	Model	Total Runs
Engine 16	'05 Int'l / Sutphen	3,318
Rescue 16	'05 Rosenbauer	3,088
Medic 16	'08 Int'l / Horton	4,768

TOTAL RUNS
11,174

18



1630 Cleveland Avenue (2006)

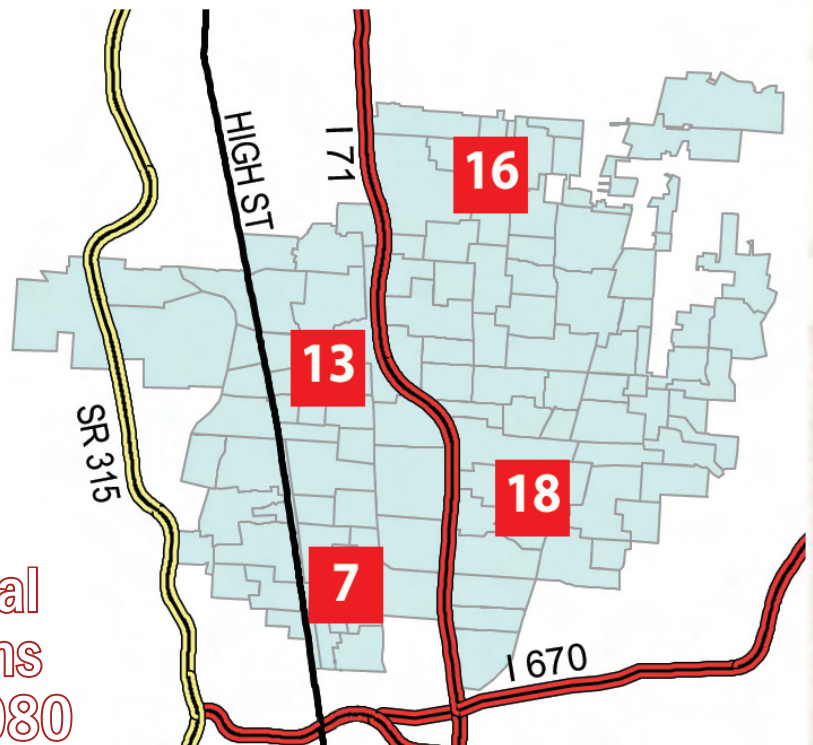
Apparatus	Model	Total Runs
Engine 18	'02 Boise	2,830
Medic 18	'08 Int'l / Horton	4,314
Command 18	'07 EVI	

TOTAL RUNS
7,144

BATTALION

3

Total
Runs
36,080



4



3030 Winchester Pike (1976)

Apparatus	Model	Total Runs
Engine 4	'00 Boise	2,164
Medic 4	'05 Int'l / Horton	2,906
Hazmat 4	'05 Marion	25
Rescue 4	'05 Rosenbauer	2,519
Boat 4	'86 Sillinger	

TOTAL RUNS
7,614

14



1514 Parsons Avenue (2001)

Apparatus	Model	Total Runs
Engine 14	'04 Pierce	3,351
BN 4	'10 Ford Explorer	1,294
Medic 14	'05 Int'l / Horton	4,532
Boat 14	'05 Rescue 1 Connector	0

TOTAL RUNS
9,177

15



1800 East Livingston Avenue (1969)

Apparatus	Model	Total Runs
Engine 15	'06 Sutphen	3,560
Ladder 15	'01 LaFrance	1,412
EMS 14	'05 Chevy Suburban	1,752
Medic 15	'05 Int'l / Horton	4,782

TOTAL RUNS
11,506

22



3069 South Parsons Avenue (1959)

Apparatus	Model	Total Runs
Engine 22	'09 Ferrara	2,531
Medic 22	'05 Int'l / Horton	3,290
Ladder 22	'05 Sutphen	828
Boat 22	'03 Zodiac	0

TOTAL RUNS
6,649

32

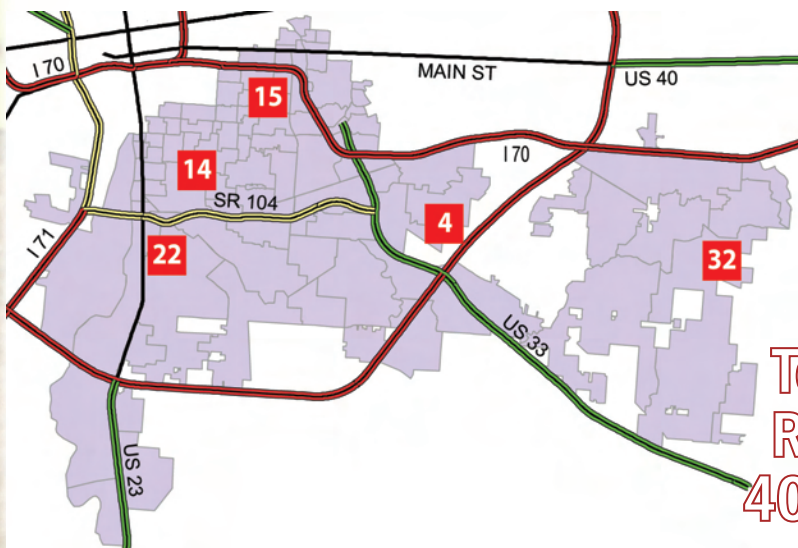


3675 Gender Road (1991)

Apparatus	Model	Total Runs
Engine 32	'00 Boise	2,256
Ladder 32	'00 Sutphen	780
Medic 32	'08 Int'l / Horton	2,892

TOTAL RUNS
5,928

BATTALION



Total
Runs
40,874

4

10



1080 West Broad Street (2008)

Apparatus	Model	Total Runs
Engine 10	'09 Ferrara	3,286
Ladder 10	'01 Sutphen	1,348
Medic 10	'08 Int'l / Horton	4,898

TOTAL RUNS
9,532

12



3200 Sullivant Avenue (1956)

Apparatus	Model	Total Runs
Engine 12	'08 Ferrara	3,229
Ladder 12	'01 LaFrance	1,214
Medic 12	'05 Int'l / Horton	4,354

TOTAL RUNS
8,797

17



2250 West Broad Street (1993)

Apparatus	Model	Total Runs
Engine 17	'09 Ferrara	3,255
Rescue 17	'03 E-One	2,446
Medic 17	'05 Int'l / Horton	4,515
BN 5	'10 Ford Explorer	1,717
EMS 15	'05 Chevy Suburban	1,873
Bomb Squad 3	'96 Int'l / Horton	2

TOTAL RUNS
13,809

26



5433 Fisher Rd (1975)

Apparatus	Model	Total Runs
Engine 26	'08 Ferrara	1,710
Medic 26	'08 Int'l / Horton	2,165
Ladder 26	'00 Sutphen	690
Boat 26	'08 Aluminum	0

TOTAL RUNS
4,565

31



5305 Alkire Road (1988)

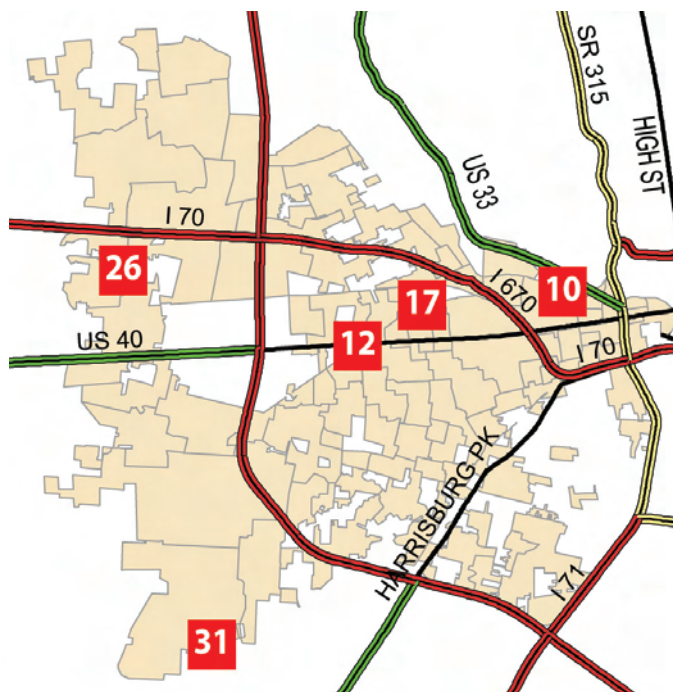
Apparatus	Model	Total Runs
Engine 31	'05 Sutphen	1,232
Medic 31	'08 Int'l / Horton	1,840

TOTAL RUNS
3,072

BATTALION

5

Total
Runs
39,775



5



211 McNaughten Road (1972)

Apparatus	Model	Total Runs
Engine 5	'06 Sutphen	2,149
Medic 5	'08 Int'l / Horton	2,556
EMS 16	'06 Ford Expedition	786

TOTAL RUNS
5,491

20



2646 East Fifth Avenue (1951)

Apparatus	Model	Total Runs
Engine 20	'09 Ferrara	2,330
Medic 20	'08 Int'l / Horton	3,509

TOTAL RUNS
5,839

21



3294 East Main Street (1959)

Apparatus	Model	Total Runs
Engine 21	'09 Ferrara	2,811
BN 6	'10 Ford Explorer	2,443
Medic 21	'08 Int'l / Horton	4,039
Boat 21	'08 Aluminum	0

TOTAL RUNS
9,293

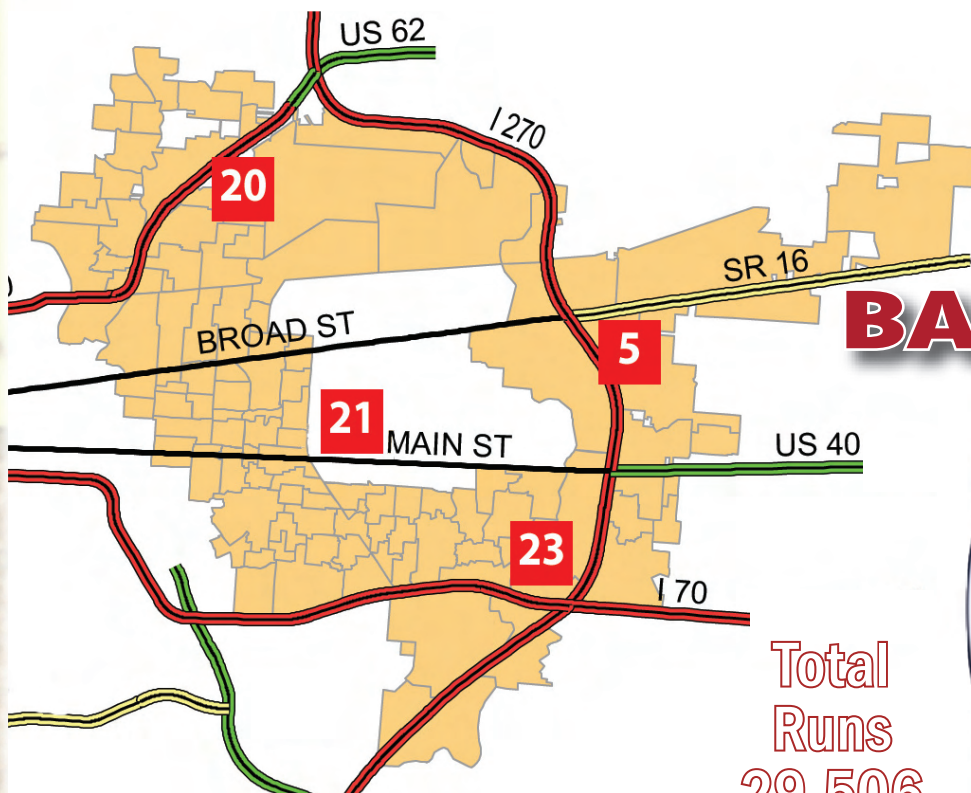
23



4451 East Livingston Avenue (1959)

Apparatus	Model	Total Runs
Engine 23	'08 Ferrara	3,298
Ladder 23	'01 Sutphen	1,578
Medic 23	'05 Int'l / Horton	4,007
Boat 23	'08 Aluminum	0

TOTAL RUNS
8,883



BATTALION

6

Total
Runs
29,506

11



2200 West Case Road (1992)

Apparatus	Model	Total Runs
Engine 11	'05 Sutphen	1,661
Rescue 11	'05 Rosenbauer	970
BN 7	'10 Ford Explorer	906
Medic 11	'08 Int'l / Horton	2,012
EMS 17	'05 Chevy Suburban	602
Boat 11	'03 Zodiac	

TOTAL RUNS
6,152

19



3601 North High Street (1930/Ren.2003)

Apparatus	Model	Total Runs
Engine 19	'02 Boise	2,335
Medic 19	'05 Int'l / Horton	2,770
Boat 19	'03 Zodiac	
ISU 19	'08 Ferrara	0

TOTAL RUNS
5,105

27



7560 Smokey Row Road (1975)

Apparatus	Model	Total Runs
Engine 27	'05 Int'l / Sutphen	1,636
Medic 27	'08 Int'l / Horton	1,728
Ladder 27	'08 LaFrance	441
Boat 27	'08 Aluminum	

TOTAL RUNS
3,805

30



3555 Fishinger Blvd (1988)

Apparatus	Model	Total Runs
Engine 30	'99 Int'l / Sutphen	555
Medic 30	'08 Int'l / Horton	648
Boat 30	'07 Rescue 1 Connector	0

TOTAL RUNS
1,203

34



5201 Wilcox Road (2004)

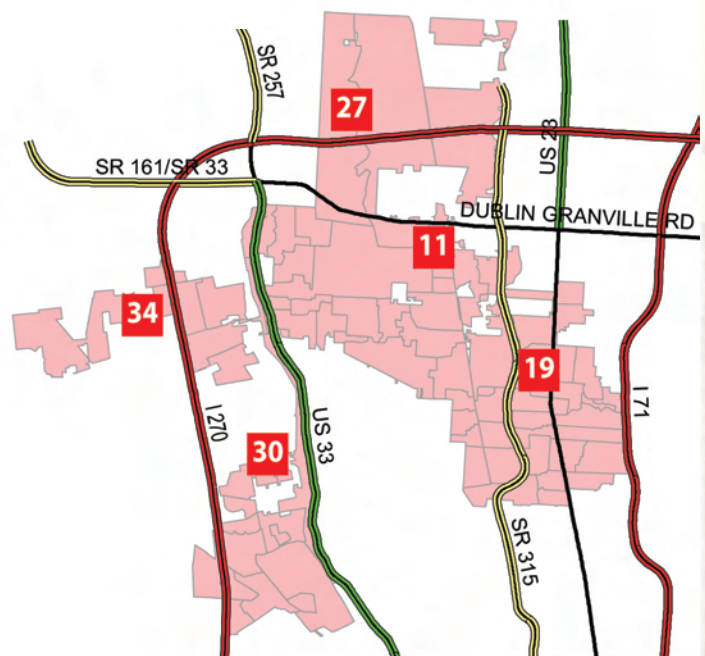
Apparatus	Model	Total Runs
Engine 34	'04 Pierce	657
Medic 34	'08 Int'l / Horton	750

TOTAL RUNS
1,407

BATTALION

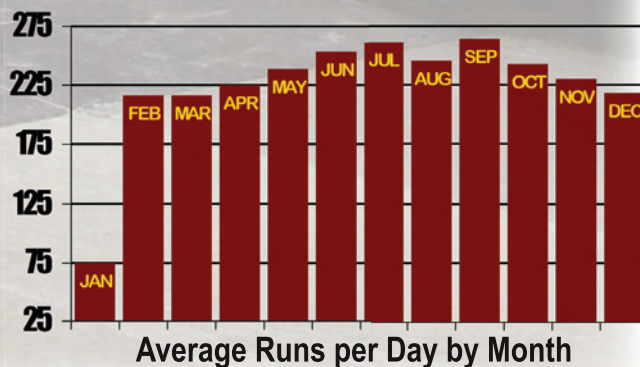
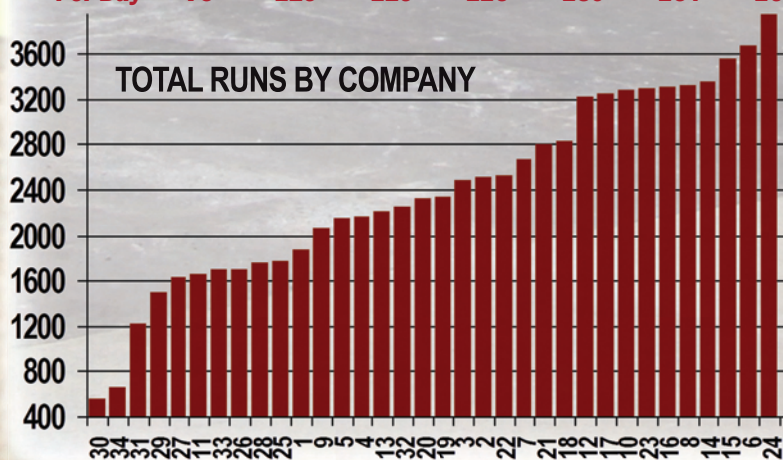
7

Total
Runs
17,672



ENGINE COMPANY RUNS

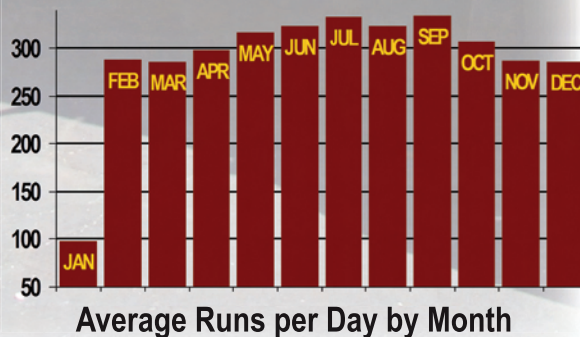
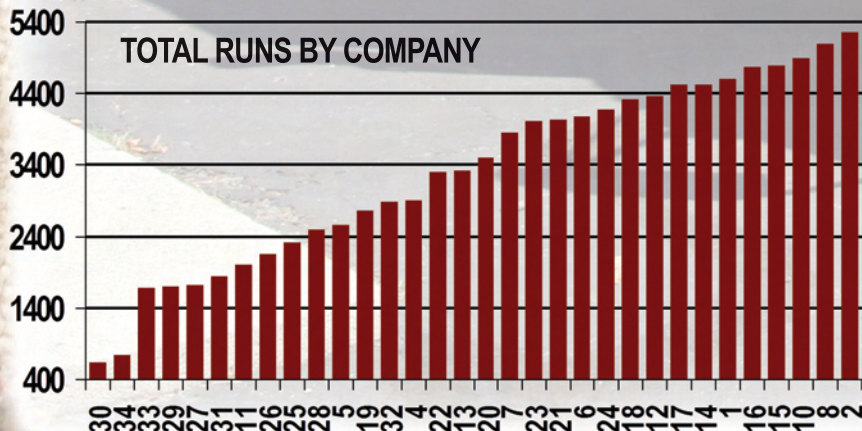
Engine	Jan*	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
1	52	133	149	170	157	157	185	168	174	201	176	162	1,884
2	65	170	223	220	229	245	243	257	248	235	220	160	2,515
3	68	186	218	219	250	258	231	220	234	212	208	188	2,492
4	63	152	179	189	175	206	203	228	217	195	157	200	2,164
5	64	168	196	179	185	210	205	178	200	207	162	195	2,149
6	111	241	295	295	326	344	334	359	364	328	323	351	3,671
7	67	195	210	217	262	235	265	243	258	285	241	194	2,672
8	100	213	267	279	307	303	357	307	327	317	251	295	3,323
9	58	142	177	177	183	204	189	177	180	220	194	171	2,072
10	82	230	284	274	295	316	306	338	337	299	269	256	3,286
11	48	155	139	150	159	152	176	172	131	124	116	139	1,661
12	110	248	258	257	288	282	288	312	333	288	276	289	3,229
13	54	178	190	159	217	206	206	200	241	213	198	150	2,212
14	76	221	263	277	317	337	337	330	331	323	286	253	3,351
15	93	241	280	296	325	321	390	357	337	320	313	287	3,560
16	93	263	245	259	330	308	354	297	307	316	290	256	3,318
17	84	224	273	248	267	352	353	337	296	313	267	241	3,255
18	69	174	237	235	257	252	335	247	283	281	243	217	2,830
19	60	217	204	150	244	205	226	212	195	205	194	223	2,335
20	64	174	178	197	220	224	221	219	218	197	215	203	2,330
21	81	213	222	247	252	245	264	272	308	247	244	216	2,811
22	93	183	204	221	236	224	224	253	228	242	207	216	2,531
23	106	287	260	294	277	293	330	296	315	313	254	273	3,298
24	112	285	318	329	336	382	402	346	370	347	368	349	3,944
25	52	146	163	134	150	168	164	156	177	175	147	146	1,778
26	47	123	160	166	159	141	166	151	160	143	158	136	1,710
27	82	112	123	131	148	154	165	145	167	167	122	140	1,636
28	45	144	156	137	155	144	184	156	189	129	160	169	1,768
29	42	135	122	132	137	148	151	128	128	118	114	140	1,495
30	21	50	31	41	49	51	45	52	70	49	41	55	555
31	33	86	102	90	116	120	130	106	126	121	115	87	1,232
32	68	185	182	192	196	202	214	200	241	198	194	184	2,256
33	53	130	136	147	152	167	192	156	177	136	116	138	1,700
34	16	56	47	47	52	73	59	65	61	62	55	64	657
total	2,312	6,060	6,691	6,755	7,408	7,629	8,094	7,640	7,928	7,526	6,894	6,743	81,680
Per Day	75	216	216	225	239	254	261	246	264	243	230	218	



*on all run charts, January data incomplete due to technological problems that month

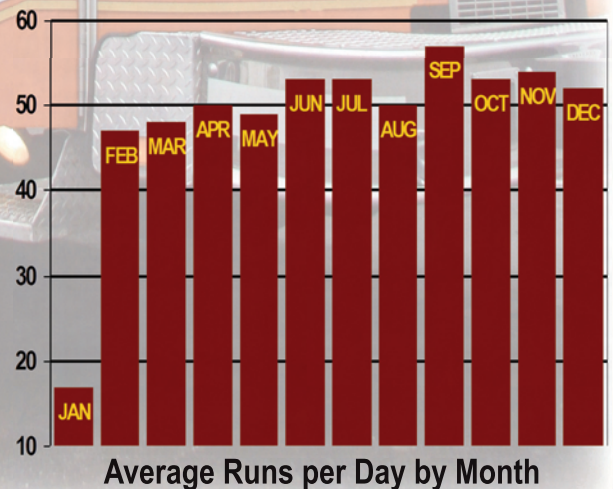
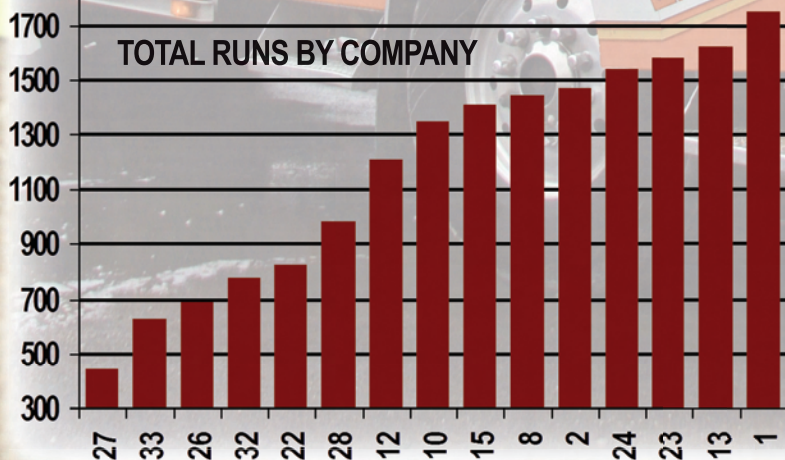
MEDIC COMPANY RUNS

Medic	Jan*	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
1	121	366	348	402	423	441	453	431	481	432	367	347	4,612
2	155	385	425	454	496	469	511	528	496	472	413	448	5,252
4	95	180	252	243	261	244	256	289	283	288	235	280	2,906
5	73	198	224	214	240	246	220	237	223	243	208	230	2,556
6	131	312	343	345	358	345	377	366	382	379	339	387	4,064
7	108	295	299	341	355	357	375	371	413	347	320	263	3,844
8	164	374	396	418	486	466	544	503	454	456	404	432	5,097
10	130	360	426	415	446	482	515	466	452	447	376	383	4,898
11	58	171	157	175	185	182	181	203	184	174	148	194	2,012
12	125	357	390	367	394	401	408	421	412	388	326	365	4,354
13	89	264	278	261	338	297	316	297	331	333	253	252	3,309
14	114	313	390	400	439	409	486	437	423	392	369	360	4,532
15	122	368	394	394	433	455	462	454	434	457	415	394	4,782
16	145	346	403	414	420	431	470	438	452	448	387	414	4,768
17	121	351	379	368	416	434	469	454	410	381	384	348	4,515
18	136	303	366	359	421	374	456	396	397	379	362	365	4,314
19	66	225	264	211	264	230	274	245	267	255	237	232	2,770
20	92	253	291	301	319	332	365	324	343	300	290	299	3,509
21	119	308	334	350	379	384	380	378	392	336	327	352	4,039
22	96	247	269	275	321	279	309	340	306	289	279	280	3,290
23	137	298	327	350	369	367	379	374	405	344	316	341	4,007
24	126	329	361	377	370	359	409	361	380	370	357	368	4,167
25	60	163	186	189	224	213	218	219	255	220	198	169	2,314
26	70	175	192	182	219	194	197	196	193	188	189	170	2,165
27	57	143	133	125	159	162	155	174	162	160	124	174	1,728
28	74	201	220	197	216	231	246	238	252	200	210	224	2,509
29	52	148	146	163	179	157	145	148	138	141	130	156	1,703
30	12	54	60	47	63	69	59	49	62	55	60	58	648
31	50	164	152	152	171	182	182	171	156	178	156	126	1,840
32	73	229	245	235	264	269	275	271	285	259	239	248	2,892
33	44	137	154	146	147	170	158	155	152	146	122	154	1,685
34	18	59	59	65	61	71	79	71	73	57	71	66	750
total	3,033	8,076	8,863	8,935	9,836	9,702	10,329	10,005	10,048	9,514	8,611	8,879	105,831
Per Day	98	288	286	298	317	323	333	323	335	307	287	286	



LADDER COMPANY RUNS

Ladder	Jan*	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
1	56	130	142	167	145	160	159	152	144	192	158	148	1,753
2	31	99	136	131	117	128	148	148	161	122	130	117	1,468
8	39	80	124	127	141	113	134	116	149	158	136	127	1,444
10	37	103	105	101	119	127	120	115	138	129	127	127	1,348
12	38	82	101	80	100	104	97	116	117	113	138	128	1,214
13	50	133	122	119	162	146	162	127	153	151	156	143	1,624
15	31	105	116	130	110	114	142	149	152	116	128	119	1,412
22	27	43	73	65	83	86	74	73	86	71	73	74	828
23	48	138	137	159	117	144	151	110	152	150	120	152	1,578
24	48	118	113	108	124	156	131	143	150	138	153	160	1,542
26	28	62	66	63	54	61	52	63	70	57	54	60	690
27	10	36	44	41	33	39	40	46	29	41	36	46	441
28	30	91	79	91	93	81	99	85	91	87	71	87	985
32	28	69	68	71	64	75	73	42	64	68	70	88	780
33	16	33	49	54	62	52	69	62	63	56	64	51	631
totals	517	1,322	1,475	1,507	1,524	1,586	1,651	1,547	1,719	1,649	1,614	1,627	17,738
Per Day	17	47	48	50	49	53	53	50	57	53	54	52	



OTHER COMPANY RUNS

RESCUE

	Jan*	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
Rescue 2	91	223	264	293	313	278	296	303	335	309	290	265	3,359
Rescue 4	83	192	190	217	210	216	228	211	251	222	208	218	2,519
Rescue 11	33	81	70	76	76	86	94	82	79	78	77	111	970
Rescue 16	97	238	225	230	280	291	265	250	303	292	246	281	3,088
Rescue 17	64	170	203	179	224	213	205	226	225	242	219	205	2,446
Totals	368	904	952	995	1,103	1,084	1,088	1,072	1,193	1,143	1,040	1,080	12,383

EMS SUPERVISOR

EMS 11	61	132	157	169	147	147	150	185	167	183	167	153	1,861
EMS 12	62	128	113	117	140	117	120	130	132	135	117	138	1,484
EMS 13	58	132	133	160	181	146	174	141	132	145	149	146	1,738
EMS 14	71	132	133	160	181	146	174	141	132	145	149	146	1,752
EMS 15	41	137	173	165	146	170	173	164	166	180	169	145	1,873
EMS 16	34	64	63	67	71	65	85	63	70	68	63	54	786
EMS 17	22	49	50	47	56	54	44	46	60	61	46	53	602
Totals	349	774	822	885	922	845	920	870	859	917	860	835	10,097
Per Day	11	28	27	30	30	28	30	28	29	30	29	27	

BATTALION CHIEF

BN 1	60	149	218	224	203	208	217	211	204	227	210	199	2,386
BN 2	60	163	190	177	218	215	218	215	203	182	205	196	2,297
BN 3	65	173	185	189	237	212	208	195	210	227	214	193	2,363
BN 4	30	87	111	101	120	130	116	113	129	107	108	111	1,294
BN 5	50	120	139	145	130	156	136	155	163	168	165	151	1,717
BN 6	59	177	191	227	192	202	259	194	273	221	178	211	2,443
BN 7	19	71	69	76	70	90	88	90	75	85	70	82	906
Totals	343	940	1,103	1,139	1,170	1,213	1,242	1,173	1,257	1,217	1,150	1,143	13,090
Per Day	11	34	36	38	38	40	40	38	42	39	38	37	

BOAT

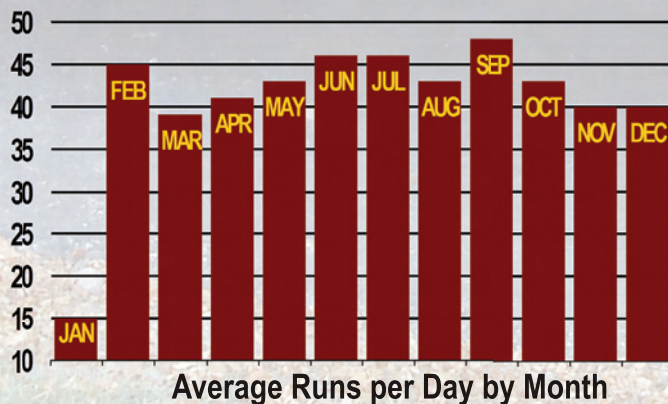
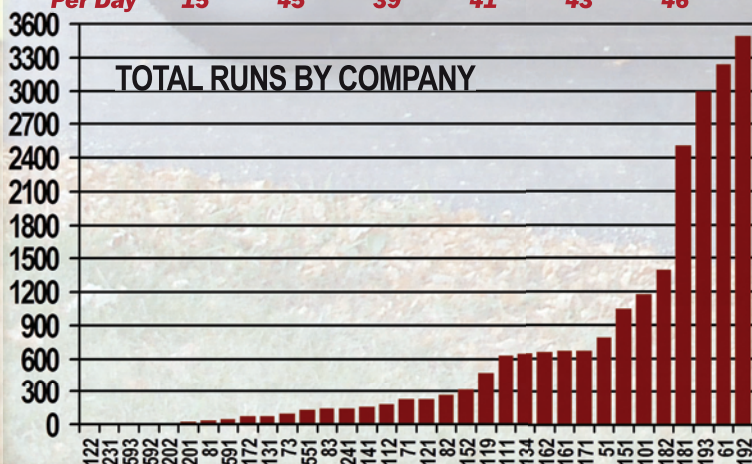
Boat 14	0	1	3	0	0	2	0	1	2	0	0	0	9
Boat 21	0	1	1	0	0	1	0	0	0	0	0	0	3
Boat 22	0	0	0	0	0	3	0	1	1	0	0	0	5
Boat 23	0	1	1	0	0	1	0	0	0	0	2	0	5
Boat 26	0	0	0	0	0	1	0	0	0	0	0	0	1
Boat 30	0	0	0	1	2	2	2	1	0	0	0	1	9
Totals	0	3	5	1	2	10	2	3	3	0	2	1	32

OTHER

Box 15	0	0	0	0	0	1	0	0	0	0	0	0	1
Bomb Squad 2	1	3	9	11	11	10	5	15	11	8	9	2	95
Bomb Squad 3	0	0	0	0	0	0	0	1	1	0	0	0	2
ES 2	1	0	4	3	0	2	0	0	1	0	1	0	12
Hazmat 4	1	2	1	5	1	4	2	1	0	5	1	2	25
Prevention 12	0	1	0	0	0	0	0	0	0	0	0	0	1
Prevention 14	0	1	0	0	0	0	0	0	0	0	0	0	1
Prevention 15	3	1	0	0	0	0	0	0	0	0	0	0	4
ROW 1	29	104	168	138	101	80	89	123	115	75	93	113	1,228
SO1	0	0	0	0	1	1	0	0	0	0	0	0	2
SO2	20	34	37	41	36	39	44	42	46	42	38	44	463

TOWNSHIP MEDIC COMPANY RUNS

Medic	Jan*	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
51	21	80	61	58	78	77	63	71	77	83	57	60	786
61	104	252	268	275	298	287	297	291	299	293	268	305	3,237
71	5	27	21	18	19	14	22	20	19	19	17	25	226
73	28	69	0	0	0	0	0	0	0	0	0	0	97
81	1	2	3	3	4	6	2	0	3	5	3	2	34
82	16	17	24	14	20	25	30	15	25	27	30	21	264
83	3	15	15	12	14	6	14	7	17	8	14	16	141
101	41	97	109	99	129	130	125	112	124	105	108	0	1,179
111	23	44	51	52	46	56	64	52	70	58	54	65	635
112	5	20	8	17	29	20	17	15	15	11	9	13	179
119	3	36	53	35	34	45	44	40	53	55	42	36	476
121	5	25	12	23	5	21	27	17	23	19	26	30	233
122	0	0	0	0	0	0	0	0	0	0	0	1	1
131	2	6	4	6	3	11	6	4	9	5	4	11	71
134	14	68	61	47	60	57	53	58	62	46	59	52	637
141	0	15	16	10	13	21	11	14	23	9	12	10	154
151	36	88	74	95	107	97	94	104	96	91	86	78	1,046
152	2	22	11	30	33	33	32	36	32	31	23	33	318
161	21	57	54	60	55	63	69	52	60	60	47	70	668
162	23	56	41	64	54	71	49	59	75	56	52	59	659
171	23	37	52	57	67	56	68	65	73	58	45	68	669
172	0	3	3	6	9	9	10	6	3	4	2	15	70
181	78	182	211	214	225	213	249	239	228	254	202	212	2,507
182	43	108	111	106	117	124	140	132	143	134	108	128	1,394
192	94	268	309	267	339	331	326	349	329	317	284	282	3,495
193	82	249	235	230	276	290	298	285	285	273	253	239	2,995
201	2	2	1	2	4	4	0	5	1	5	0	2	28
202	0	1	1	1	1	1	0	0	1	5	1	1	13
231	0	0	0	0	0	1	0	0	0	0	0	0	1
241	4	8	7	24	12	17	0	18	14	11	13	16	144
551	9	14	16	8	8	14	0	17	15	10	9	11	131
591	2	5	3	7	4	5	0	4	6	7	9	1	53
592	0	1	0	0	0	0	0	0	2	2	1	0	6
593	0	1	0	0	0	0	0	0	0	0	0	0	1
total	476	1,246	1,202	1,243	1,341	1,365	1,423	1,338	1,452	1,348	1,211	1,250	21,791
Per Day	15	45	39	41	43	46	46	43	48	43	40	40	



TOWNSHIP ENGINE COMPANY RUNS

Engine	Jan*	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
51	15	30	36	38	30	29	36	35	36	35	20	30	370
61	29	88	78	90	101	96	97	101	96	96	100	115	1,087
71	4	22	21	21	17	20	24	20	32	23	19	27	250
81	1	1	3	6	8	9	6	3	4	6	2	2	51
82	9	16	11	21	14	15	18	21	22	13	11	12	183
83	3	9	9	10	6	8	11	6	7	7	11	13	100
92	2	7	10	7	9	9	9	11	9	12	4	13	102
95	0	8	5	7	3	7	8	9	7	7	6	7	74
101	1	0	0	0	2	0	1	0	1	0	0	1	6
111	14	23	59	52	58	63	73	48	58	41	52	51	592
112	3	9	19	14	14	11	14	15	15	10	12	7	143
121	3	13	10	21	10	7	13	14	14	14	18	16	153
131	1	3	2	4	4	7	10	3	6	6	5	4	55
132	30	88	88	90	114	108	129	127	108	98	92	105	1,177
134	6	36	37	36	37	32	40	31	45	31	25	33	389
141	2	5	9	6	15	8	10	9	14	17	7	17	119
151	16	40	27	59	54	53	49	47	44	41	33	33	496
152	0	1	0	0	1	0	0	0	1	0	0	0	3
161	9	28	31	35	30	35	35	17	36	41	29	51	377
162	7	25	15	23	23	27	29	19	26	27	24	26	271
164	0	0	0	23	0	0	0	0	0	0	0	0	23
171	8	20	25	16	29	30	32	30	37	24	25	24	300
172	0	5	3	7	11	7	8	15	9	4	2	6	77
181	63	142	153	161	185	176	193	192	173	176	155	190	1,959
182	36	92	95	78	75	96	97	113	90	89	71	96	1,028
192	57	164	176	176	217	201	169	194	221	195	191	161	2,122
193	40	160	153	133	177	179	189	167	160	184	162	159	1,863
201	1	1	0	6	9	9	10	6	3	4	2	15	66
221	0	0	0	0	0	0	0	0	0	1	0	0	1
241	2	18	18	30	16	20	15	23	25	16	25	14	222
243	0	0	3	1	0	1	1	0	4	1	0	2	13
551	5	10	13	4	6	19	15	15	12	7	8	17	131
591	0	1	2	1	0	2	2	1	2	1	1	3	16
592	0	0	0	1	0	0	1	0	0	2	0	1	5
total	347	1,024	1,057	1,132	1,239	1,233	1,289	1,241	1,263	1,183	1,083	1,198	13,470
Per Day	11	37	34	38	40	41	42	40	42	38	36	39	

