



US
CENTER



COLUMBUS DIVISION OF FIRE
2009
ANNUAL REPORT

Our Mission

The mission of 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

This 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.

Our Values

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

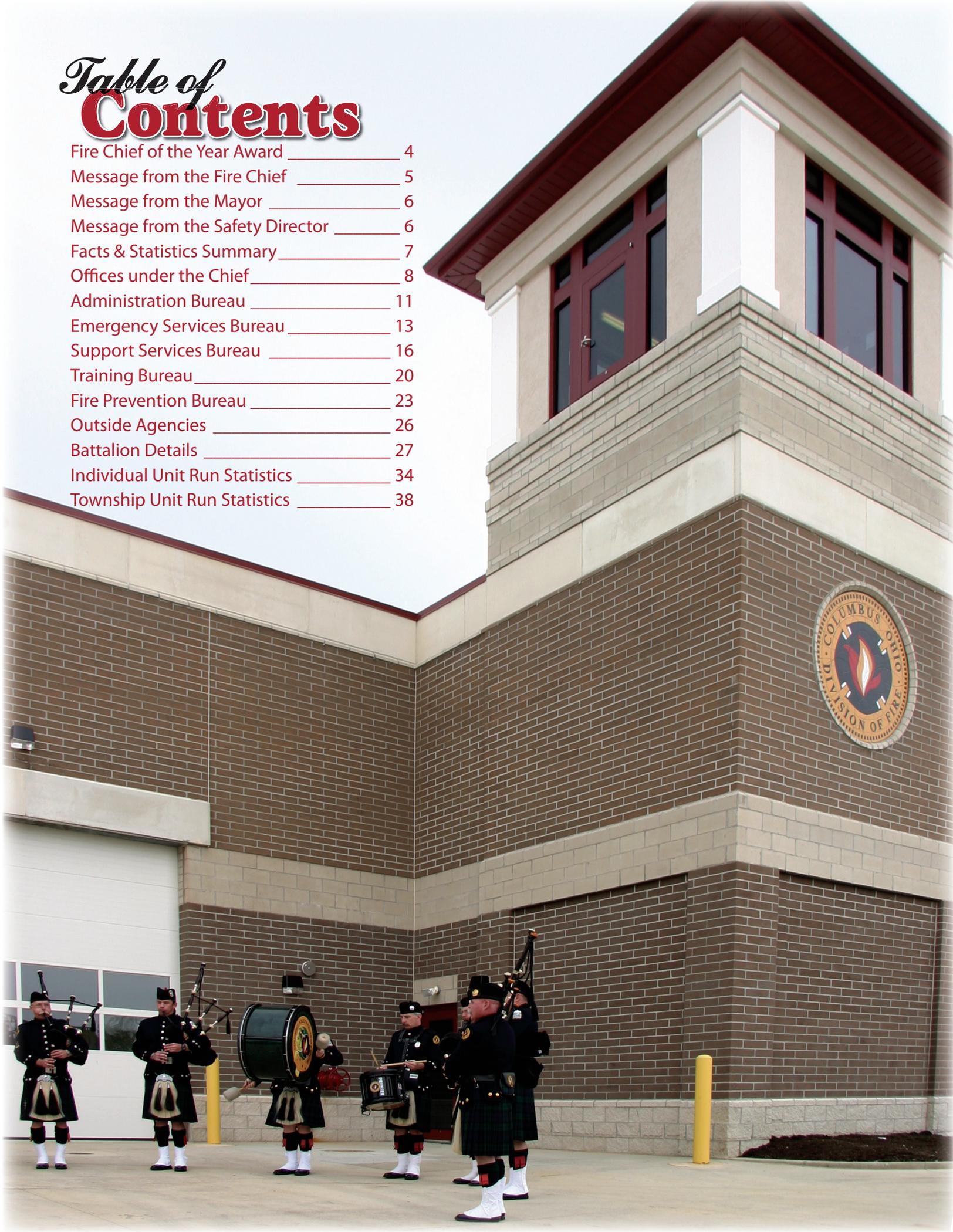
- preservation of life and property
- safety
- personal integrity
- professionalism
- respect for others

New Training Facility



Table of Contents

Fire Chief of the Year Award _____	4
Message from the Fire Chief _____	5
Message from the Mayor _____	6
Message from the Safety Director _____	6
Facts & Statistics Summary _____	7
Offices under the Chief _____	8
Administration Bureau _____	11
Emergency Services Bureau _____	13
Support Services Bureau _____	16
Training Bureau _____	20
Fire Prevention Bureau _____	23
Outside Agencies _____	26
Battalion Details _____	27
Individual Unit Run Statistics _____	34
Township Unit Run Statistics _____	38



Special Honor

Metropolitan Fire Chief's Award: Fire Chief of the Year

July 9, 2009 the International Association of Fire Chiefs announced Fire Chief Ned Pettus, Jr. of the Columbus Division of Fire as the Metropolitan Fire Chief of the Year at their annual conference. This prestigious award defines his outstanding leadership and service recognized by his peers and the fire service community globally.

Chief Pettus, a 32-year veteran of the Columbus Division of Fire, was recognized for his service, dedication, and personal and professional commitment to the citizens of Columbus. He has initiated a number of programs in the Columbus community that have positively impacted the safety of civilians and firefighters.

Notable accomplishments include being selected by The National Fire Protection Association (NFPA) for the Urban Fire Safety Initiative. Columbus Fire partnered with NFPA on reducing injuries and providing education for elderly residents in the city (Remembering When Program). This program received national prominence. The Division of Fire also received international accreditation through the Center for Public Safety Excellence—the second largest fire department to achieve this standard.

Chief Pettus continues to work to make The Columbus Division of Fire one of the best fire departments in the country through his innovative efforts working with national, state and local organizations as he continues to bring the City of Columbus, Department of Public Safety, Division of Fire to the forefront as a prominent leader in the fire service. ■



Fire Chief Ned Pettus, Jr. and his family



U.S. Fire Administrator Kelvin Cochran visited Columbus, Ohio to present his Outline of Strategic Initiatives to the Central Ohio fire service community. His presentation included challenges he faces in delivering necessary resources to the fire service today.



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

I am pleased to present the 2009 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.

The year 2009 marked my eighth year as Fire Chief and I am proud of the accomplishments we achieved this year. The Division continues to maintain its status as one of the largest metro accredited departments in the country. We have and continue to partner with the National Fire Protection Association (NFPA) in providing education and training to our members and the public. The Division maintains a high visibility in community events and programs. 2009 presented us with a significant financial challenge. The City of Columbus was falling well short of tax revenues needed to fund the Division's needs. I am proud of how are firefighters and the union worked to educate the public and pass the needed income tax increase that allows us to maintain the quality service we provide. Our members were able to show the value of service we provide to the public we serve.

The Division saw a number of members recognized nationally. In June of 2009, I was recognized by The International Association of Fire Chiefs, Metropolitan Fire Chiefs Association with the Fire Chief of the Year award. Firefighter Alonzo King was recognized by NFPA for his work with the senior population. Our bomb squad and Hazmat teams were recognized state wide.

The Division received over 1 million dollars in anti-terrorism grants for bomb squad and Hazmat equipment. The federal government has long recognized and rewarded the City of Columbus for our regional training and protection efforts making our bomb squad and Hazmat teams one of the best in the nation.

In 2009 we had three fire fatalities, the lowest number in 20 years. Part of this is due to our educational component and the distribution of 1,147 smoke detectors. We partnered and continue to partner with many businesses and organizations in the community to increase education and prevent injuries. Our 50 Year Plus Program was a great success in the community educating many of our seniors.

We have numerous accomplishments in 2009. The dedication of our fire training center for 8.5 million dollars is a welcome addition. It has a state-of-the art burn building, training tower and grounds and a two-story practical skills building that allows for indoor training of recruits when inclement weather occurs. The building also includes a state-of-the art sprinkler training area. Columbus Division of Fire was able to update our Fleet by purchasing and placing in service seven engines and seven battalion chief vehicles. Also, Command 18 moved to station 18, and Incident Support Unit moved to station 19.

In 2009, The Division was selected by Harvard University to conduct a sleep deprivation and education program



for our members. We were the only department to receive in house training by Harvard. This was the first year of a two-year partnership. The goal is to provide healthier firefighters, reduce injuries and accidents. The ability for our members to receive education and medical help will greatly assist in their health and well being.

I am proud of our members stepping up to accomplish many additional tasks bestowed upon the Division. This is an example of the dedication and efforts put forth by our firefighters and civilian personnel which further exemplifies their dedication to the division and citizens of Columbus.

The Division of Fire ended 2009 with 1497 uniformed firefighters and 37 non-uniformed members. These firefighters 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 Columbus Division of Fire responded to 134,229 emergency and non-emergency incidents in 2009. I am proud of our members for the excellent level of service they provide for the citizens and visitors of Columbus.

I am committed to and look forward to the challenges 2010 will present. I am proud to be a member of the Columbus Division of Fire working alongside all the dedicated men and women that make Columbus the greatest city in the nation.

Ned Pettus, Jr.
Fire Chief

A message from **Mayor Coleman**



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. Last year our firefighters also led by example when they sacrificed financially to help the city weather its budget crisis, and their support was crucial to winning citywide voter support for last year's budget stabilization measure that will allow us to maintain all our basic neighborhood services, including fire protection.

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. This is why we're proud to support the Division of Fire with more than \$200 million in the 2010 budget to allow them to succeed with the best tools, training and personnel.

Although the demands of protecting our city is 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, Michael B. Coleman,  Mayor

A message from **Safety Director Brown**



As Safety Director, I want to commend the men and women of the Columbus Division of Fire who put their lives on the line to protect and serve Columbus residents twenty-four hours a day, seven days a week.

I also want to congratulate Fire Chief Ned Pettus, Jr. for being named 2009 Metropolitan Fire Chief of the Year by the International Association of Fire Chiefs. Through his leadership, 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 department to achieve this standard.

Columbus firefighters play a critical role in enhancing the delivery of critical safety services. In 2009 the Columbus Division of Fire lived up to that reputation as one of the best by responding to approximately 134,229 calls for emergency service.

As you know, 2009 was a tough year for the City of Columbus due to the economic downturn that affected the entire nation. Despite tough times, the men and women of the Division of Fire continued their commitment to keeping Columbus residents safe and by sacrificing financially during a tough budget crisis. With the help of all firefighters, the Division of Fire was able to significantly reduce budgeted overtime.

In 2009, the Columbus Division of Fire celebrated the opening of a \$9 million state-of-the-art training facility. The new Fire Training Center will ensure that every Columbus firefighter has the knowledge and skills necessary to save lives and protect themselves while performing their daily duties.

As we look forward to 2010, we will continue to maintain our current services by providing the Division with the very best personnel and equipment to meet the growing demands of the Columbus residents. In 2010, we will move forward by hiring additional firefighters, purchasing new fire vehicles, and continuing to invest in the latest technology to keep our Division a step ahead.

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.

Mitchell J. Brown, Director

Summary Facts & Statistics

Geographical Information

Area	Size	Population
Metro Columbus	399.1 square miles	1,742,798
City of Columbus	239.9 square miles	791,868

First Line Apparatus Summary

Emergency Units in Service		Busiest Units in 2009	
		Designation	Total Runs
34 Engines	7 EMS Supervisors	Engine 24	3,878
15 Ladders	1 Incident Support Unit	Ladder 1	1,774
5 Rescues	2 Bomb Squad	Rescue 2	3,227
7 Battalion Chiefs	1 Safety Officer	Batt. Chief 3	2,477
32 Medics	13 Boats	Medic 2	5,346
1 Hazmat	1 Command Unit		

Four-Year Comparisons

	2006	2007	2008	2009
Total Incidents	121,454	135,391	146,144	142,981
Fire Incidents	28,525	23,656	24,868	21,470
EMS Incidents	92,929	107,351	110,739	110,398
Civilian Fire Deaths	15	6	12	3
Civilian Fire Injuries	58	65	72	58
Firefighter Deaths	0	0	12	0
Firefighter Injuries	524	562	614	616
Fire Loss	\$ 22,220,094	\$ 21,173,780	\$24,572,355	\$29,713,052
Annual Operating Budget	\$170,206,897	\$184,805,141	\$196,505,490	\$190,189,840
Capital Budget	\$ 3,053,000	\$ 13,074,000	\$6,960,000	\$812,889
Cost per Capita	\$221.07	\$240.03	\$264.65	\$241.21

2009 Fires by Classification

	Number	\$ Loss
Structure	1,126	\$ 25,191,974
Outside Structure	78	\$ 2,017,760
Vehicle	558	\$ 2,351,288
Trees/Grass	252	\$ 7,385
Trash/Refuse	666	\$ 20,218
TOTALS	2,681	\$ 29,588,628

Offices Under the Chief

Fire Chief's Executive Officer

The Executive Officer under the Fire Chief assists the chief with many projects and functions and also serves as the head of the Administration Bureau.

Fire Chief's Liaison Officer

A battalion chief 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 Fire Chief and the Division in various capacities with other fire departments, public organizations, and government agencies.

Business Office

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

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

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

The Procurement Specialist for the Division is responsible for facilitating the procurement of hundreds of thousands of dollars of goods and services.

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

2009 General Fund Operating Budget

Personnel	\$ 176,521,156
Supplies	\$ 3,762,529
Services	\$ 9,770,586
Other	\$ 97,500
Assets	\$ 0
Transfer	\$ 38,069
Total	\$ 190,189,840

Division of Fire Capital Budget

Fire Apparatus Replacement	\$ 27,446
Fire Facility Renovation	\$ 700,131
New Facilities Construction	\$ 4,638
Fire Station 35	\$ 36,620
Fire Training Complex	\$ 4,054
Total	\$ 812,889

Research and Development

The Research and Development (R&D) Office staff consists of a captain, two lieutenants, two firefighters and a photo technician working under the direction of the Fire Chief.

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

The Forms Room is staffed by a firefighter, and in addition to forms distribution, maintains and reconditions batteries for portable radios and calibrates carbon monoxide meters and multi-gas monitors.

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



Research and Development is responsible for developing specifications for apparatus purchase and oversees all apparatus committees for engines, ladders (tractor drawn aerials and aerial platforms), rescues and medic vehicles. R&D works closely with the committee members to develop apparatus specifications that will best fit the needs of the Division of Fire. The office assures all apparatus are manufactured in accordance with the published specifications by conducting site visits to manufacturing facilities during production and doing final acceptance inspections upon delivery to the Division of Fire. In 2009, the Division of Fire received \$3 million in apparatus purchases.

Apparatus Delivery

- Seven, Ferrara Fire Apparatus engines
- Seven, Fire Command SUVs for battalion chiefs

Apparatus Ordered

- Two, Ferrara Fire Apparatus engines

Specifications Completed

- Aerial platform bids; currently bid has not been awarded
- Rescue support units
- Bomb truck
- Bomb trailer

Research Projects Involving Equipment Evaluation

- Turn-out gear, boots, and gloves



R&D inspects Disaster Trailer donated by Central Ohio Trauma Systems

continued on page 9

Offices Under The Chief

continued from page 8

Public Information Office

A battalion chief is the Division's Public Information Officer (PIO). A firefighter works out of the office assisting in media relation events and other tasks assigned to the PIO.

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

The PIO responds to emergency incidents working with the incident commander on releasing information, and managing and coordinating the media area at significant emergency scenes.

The PIO 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 Health and Safety Officer (SO-1) works under the direction of the Fire Chief on a forty-hour assignment. Three safety captains work under the direction



of the Health and Safety Officer, on forty-eight hour assignments in the Emergency Services Bureau, one per shift.

SO-1 serves as the chairperson of the Fleet Accident Review Committee



The fire safety captains respond on all working incidents throughout the city

which reviews all accidents involving Division vehicles, and serves as chairperson for the Division's Health and Safety Committee which reviews safety complaints and problems occurring throughout the Division. The Health and Safety Officer works with R&D in developing new apparatus specifications and personal protective equipment. SO-1 works with the Support Services staff on monitoring vehicle or equipment recalls and periodically provides updates to members. SO-1 is part of the Engine House Inspection Team. Additional responsibilities include serving on the Citywide Safety Committee, which promotes safe work practices in every aspect of city government.

The role of the safety captains is to monitor fire ground and emergency scenes for hazards and ensure the safety of all firefighters in accordance with safe working practices and Division standard operating procedures. Safety captains submit incident safety reports that are shared with incident commanders to review for training and safety compliance. The safety captains also attend station inspections looking for safety violations on vehicles and throughout the station. They also check the company journal to see if turnouts are being properly maintained and recorded. The safety captains respond on all working incidents throughout the city, including fire, entrapment, electrocution, cave-in, Hazmat, and water emergencies. Additional responsibilities of the safety captains are: serving on the Fleet Accident Committee, teaching incident command, safe driving techniques and other safety topics to fire districts when requested.

Medical Director

In 2009, the Division was very busy with many different projects that helped to advance the quality and efficiency of our EMS system.

With our emphasis on improving our save rates for cardiac arrest, we accomplished the following in 2009:

- In 85 witnessed cardiac arrests:
 - 61% Return of Spontaneous Circulation (ROSC)
 - 80% admission to the hospital
 - 52% survival of Ventricular Fibrillation/Ventricular Tachycardia (VF/VT)
- In 251 unwitnessed cardiac arrests:
 - 49% ROSC
 - 63% admission to hospital
 - 55% survival of VF/VT
- Met with area hospitals to standardize our induced hypothermia protocol
- Participated and helped to implement "Take Heart America", a project involving Columbus, Austin, TX, and St. Cloud, MN, to utilize standard of care practices to improve survival of sudden cardiac arrest.
- Helped institute the "HeartCart" with Community Relations which is an educational outreach effort to promote CPR training and AED placement.
- Taught "Anytime CPR" to fifty 8th graders during EMS week.
- Set up a database in the FAO of all AED placements in Columbus.

The other major event in 2009 was preparation for the H1N1 epidemic which included:

- The director chaired the City of Columbus Task Force for H1N1 Preparation.
- CFD purchased P-100 masks for all its firefighters' respiratory protection.
- CFD in coordination with Columbus Public Health and United Healthcare gave all its firefighters the opportunity to receive the regular influenza and H1N1 vaccines well before the general public.

continued on page 10

Offices Under The Chief

continued from page 9

- CFD purchased a cache of Tamiflu for treatment of H1N1 exposures.
- CFD created a web site with answers to questions regarding H1N1.
- CFD created a stockpile of infectious disease PPE including surgical masks, gowns, gloves, hand sanitizer, and other articles for PPE.
- CFD purchased BAN nebulizer units to decrease the spread of respiratory droplets during aerosol treatments.

Because of these efforts, the incidence of H1N1 infections within the Division of Fire was greatly reduced and the Division did not suffer the financial and human resources impact that it could have.

In the area of CQI, we participated in monthly evaluations of the following parameters:

- Protocol violations
- Documentation issues
- Patient dead upon second callback
- Callback within 72 hours
- Patient care concerns
- Social service concerns
- Outstanding documentation and clinical skills
- Procedures
- Drugs given
- Transport data
- Diagnostic impressions

Letters from the Medical Director are emailed to all individuals who are noted for outstanding documentation and clinical skills

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

- Comilla Sasson's (the CARES Research Fellow) study: "Small Area Variations in Bystander CPR and OHCA Occurrence"
- An OSU study looking at location of AEDs in Columbus and survival rates in those locales
- The Harvard sleep study
- Participated in the research and paper: "CARES: Cardiac Arrest Registry to

Enhance Survival," that appeared in the *Annals of Emergency Medicine*

- A review of our induced hypothermia cases (not yet complete)
- A MRSA study conducted by Chris Bell (not published yet)
- A study looking at increased survival rates in cardiac arrest after education in better CPR techniques: article published in *Prehospital Emergency Medicine*
- "Impact of the 2005 AHA CPR and ECC Guidelines on Out-of-Hospital Cardiac Arrest Survival"

In terms of committee and collaborative involvement, the Medical Director participated in the following:

- Chaired quarterly protocol committee meetings for CFD
- Participated in the second year of CFD Vision Workgroup to evaluate best practices in EMS and apply them to CFD EMS
- Chaired the EMS Equipment committee that met quarterly and established standards for EMS equipment
- Participated on Stroke Task Force for COTS
- Participated on Cardiac Arrest subcommittee for COTS
- Collaborated on several scientific papers and posters
- Named to the *Journal of EMS (JEMS)* Editorial Board
- Authored a paper for JEMS entitled; "Continuous chest compression CPR and minimally interrupted CPR result in improved survival"
- Consulted on several EMS research studies involving CFD EMS
- Provided medical resource and counsel to City Council and the Department of Public Safety on implementing TASER devices for CPD and tracking EMS information regarding individuals who were TASERED.
- Helped develop and submit an annual report on TASER usage within Columbus to the Department of Public Safety
- Consulted with Public Safety Director office on data collection system for CFD EMS runs

- Consulted with FAO on ProQA and other fire alarm dispatch issues
- Helped to advise and provided counsel to the City Attorney's office on litigation issues involving Columbus Fire EMS
- Did periodic conference call with EMS supervisors for updates and data exchange
- Participated in planning for the Harvard Sleep Study (currently ongoing)
- Participated in the successful reaccreditation process for our EMS training program
- Submitted an EMS CQI plan to Fire Administration
- Set up a rotation schedule for Ohio State University EM residents to do "adopt" a fire station for ride-alongs and educational sessions
- Participated in developing and deploying a Tactical EMS team for CFD
- Worked with the special duty office on operations for Huntington Park, Columbus Clippers, the Columbus Blue Jackets and Ohio State University football
- Met with representatives from Netcare, Dodd Hall, 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, the Medical Director 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.

The Medical Director also was a featured speaker in February 2009 at the EAGLES conference in Dallas that had 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 Grant Medical Center Trauma Symposium in November 2009 on "TASER usage and EMS response to TASER injuries." ■

Administration Bureau

Warren Cox, Assistant Chief

Executive Officer

The Administration Bureau is headed by an assistant chief as the Executive Officer (XO), second in command to the Fire Chief. The XO represents the 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 Executive Officer's Liaison is a captain who handles these reoccurring major issues:

- Tracking permanent assignments of Division members.
- Processing Division quarterly permanent transfers. Approximately 45 people each quarter are successful in the bidding process for transfer to a new assignment.
- Administering the Division flower fund which memorialized 19 people who were retired members and/or friends of the Division.
- Handling 7-10 light-duty assignments a month, averaging 30 people at any given time on restricted duty. Many members on light duty often work on key projects and have assisted their stations in completing building inspections.
- Managing the Division's 155 cell phones and 55 pagers.

Executive Secretary

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

Background Investigations Unit

The Background Investigations Unit is responsible for conducting in-depth investigations of firefighter applicants on the Civil Service eligibility list prior

to final appointment. In 2009, personnel from the unit were sent to Emergency Services positions since no recruit class was scheduled and reducing overtime became a high priority of the Division.

- Administering benefits such as insurance, disability, injury leave, FMLA and worker's compensation
- Preparing reports and tracking overtime, retirements and staffing levels



New recruitment vehicle will grab attention everywhere it goes (graphics designed by Photo Technician Nick Calderone)

Recruitment Office

In 2009, the Recruitment Office continued to educate the public about the diverse skills and responsibilities the professional firefighter's career demands through career fairs, speaking engagements at public schools, and community events. The Recruitment Office fields questions about the candidate selection process, the requirements, steps and phases in the selection process and how to sign up to be notified when Civil Service will open the next application period for Columbus firefighter. The Recruitment Office continues to recruit applicants that reflect the demographics of our community.

Human Resources/Payroll

The Human Resources/Payroll section is headed by the Human Resource Manager who directs a staff of five. The personnel in payroll are commended for their ability to continue processing pay and time records when computer issues necessitated manually processing all reports for two months. Human Resources/Payroll functions include:

- 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
- Making quarterly personnel related budget projections and handling various federal personnel reimbursement requests
- Processing personnel/payroll transactions for regular hours, overtime and shift differential
- Validating payroll and making corrections and adjustments such as retroactive pay
- Maintaining personnel records and distributing payroll related information to members

Professional Standards Unit

During 2009 PSU had 241 cases:

- 151 intra-divisional
- 90 citizen or other jurisdictions (CPD, Franklin County, Sheriff, State of Ohio, etc.)

continued on page 12

Administration Bureau

continued from page 11

All investigators attended various classes on internal affairs investigations

We are investigating going to digital recording in 2010.

Information Technology Coordinator

The Fire Information Technology Coordinator is under the direction of the Executive Officer, and is responsible for the establishment of information technology priorities, the formulation of information management strategies and oversees the setting of technology policies and operations within the Division. The Information Technology Coordinator also acts as liaison between the Division of Fire and the Department of Technology.

Accomplishments for 2009 include:

- TeleStaff, an application to automate the scheduling of uniformed and civilian employees, is moving forward with plans to implement the application division-wide in early 2010.
- Water-Web, an application the Division is developing in cooperation with the Division of Water, is near completion. This Web-based application will aid the inspection and tracking of all city hydrants.
- CentreLearn, a training management and learning application, purchased in 2008, has completed its first year of operation and has proven to be a valuable asset. CentreLearn has allowed distance learning not only to replace face-to-face classroom instruction, but has permitted the Bureau of Training to track training received by members using CentreLearn. In addition, the application has provided a platform for the Division to distribute and track Division bulletins, standard operating procedures, and Columbus Division of Fire specific training modules.
- The City's Department of Technology is continuing efforts to migrate all personnel and payroll applications from the Division's old IBM AS400

system to a modern network-based system. During 2009, the Department of Technology completed the information and data-gathering phase of the project, in preparation to complete the first of three phases in 2010.

- Replacement of aging and defective hardware continued, including replacement of 30 computers and monitors, and the addition of several new printers.

Internet Web Manager

The Division's Internet Web Manager is under the direction of the Information Technology Coordinator, and is responsible for all information that appears on the Division's internal intranet and the external Internet Web site at www.columbusfire.org. ■



St. Patrick's Day Parade

Memorial Sunday



Emergency Services Bureau

Richard Braun, Assistant Chief

Twenty-four-365

The Emergency Services Bureau is headed by an assistant chief and includes three units, each covering a 24-hour shift. Each shift is commanded by a deputy chief who also works the 24-hour shift. The city is geographically divided into seven battalions that involve 32 fire station locations. Each battalion is commanded by a battalion chief on each of the three shifts.

The bureau also includes a Special Operations Unit. This unit 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 year 2009 started off with Ice Rescue Training conducted by each individual rescue company.

The CFD provides rescue technicians for the Urban Search and Rescue Central Ohio Strike Team (C.O.S.T.). The Fire Division members attended C.O.S.T. Training that was conducted in March, May, July, September, and November.

Rescue company 4 provided a rope rescue demonstration at the dedication of the new training complex in April. Rescue techs rappelled from the top of the tower to lower a victim in a stokes basket.

For 3 days in May, rescue techs participated in rope rescue training at the training academy complex which consisted of running a high line between the two towers, moving a rescuer out half way on the system and then lowering the rescuer down to the ground to pick up an incapacitated victim. This was to practice a scenario where a victim could not be carried out of ravine, a ledge, etc.

For 6 days in September, rescue techs participated in a trench rescue

refresher class held on the Sewer & Drains property on Fairwood Avenue. An 8 foot deep trench was dug and personnel utilized trench collapse shoring to simulate a rescue of a worker pinned down in the trench.

Other training the rescue techs participated in:

- Attended committee meetings on vehicle specs for new Rescue Support Units.
- Attended the FDIC in Indianapolis to get ideas for new rescue trucks, equipment, and training.
- Provided equipment and personnel at a junk yard to demonstrate for the paramedic class the extrication procedures and patient care for victims in an auto accident.
- Met with a contractor at the City Waste Water Treatment Plant to review/pre-plan for possible confined space rescue where construction was going on.
- In November, "The Scene of the Accident", conducted a two-day class for rescue techs on what material newer vehicles are being made of and two days at a junk yard to practice extrication of victims trapped in these vehicles at an accident scene.



Bomb Squad

- Conducted a full scale regional Improvised Explosive Device (IED) exercise in Madison County and participated in Tri-county full scale IED exercise in Clinton County.



- Participated in IED table top exercises in Jackson County and Capitol Law School in Columbus.
- Attended specialized advanced training for new terrorism threats such as vehicle borne improvised explosive devices, suicide bombers, homemade explosives, and radiation monitoring and detection. Also attended specialized training in electronic devices that was funded by a grant from the Department of Homeland Security.
- Attended the 2009 National Bomb Squad Commanders Advisory Board meeting, attended the Homemade Explosives Conference.
- Participated in 18 special events as part of the Joint Hazard Assessment Team: 8 OSU Games; Red, White and Boom; and the Arnold Classic. This resulted in over 100 responses to suspicious incidents and provided over 2,300 canine checks. Over 100,000 persons attended each of these events.

continued on page 14

Emergency Services Bureau

continued from page 13

- Participated in 4,233.5 training hours.
- Participated in 300 missions; including: assisting the United States Secret Service and several other federal, state, and local law enforcement agencies in 37 VIP visits and 5 search warrants.
- Participated in numerous Department of Homeland Security groups including the Ohio Bomb TAC and, Northern Border Security Initiatives.
- Responded to 261 bomb squad incidents.



- Responded to 20 bomb runs and 30 bomb threats
- Operated 46 VIP details and 4 search warrants
- Conducted 9 demonstrations

EMS

- Implemented police talk-groups into EMS officers' radios
- Rolled out new pediatric and large person EZIO needles
- Continued Special Needs Patient Program with Children's Hospital
- Participated with other CFD companies in a regional Homeland Security mock disaster in Madison County
- Continued mass casualty incident training



After a year of acquiring equipment, supplies and developing SOPs, Hazmat 4 is the first in Ohio to be certified by Ohio EMA as a State Type I Hazmat Team.

- Conducted a Post Blast Investigation course in Athens, OH for law enforcement, fire investigators, and bomb squads from across the United States.
- Received over \$350,000 in equipment from anti-terrorism grants. The squad trained on this equipment and placed it in service
- Instructed 526 persons during in-service training courses for 6,776 total contact hours. This includes 7 IRTB/ PRSBI courses offered monthly across the county.

Canine Unit

The Accelerant Detection Canine Team worked numerous fire scenes:

- Investigated 181 structure fires including 8 incidents that occurred OCL
- Investigated 37 auto fires
- Conducted 8 line up sniffs
- Conducted 15 demonstrations

The Explosive Detection Canine Team worked 31 special events. Additionally, the team:

- Implemented H1N1 flu precautions and education, and provided paramedic standbys at shot clinics
- Vaccinated CFD personnel for H1N1 flu
- Continued to refer patients in need to the social workers with good follow up results
- Combined basic and paramedic level refresher classes with good reviews
- Conducted EMS continuing medical education using CentreLearn
- Held airway cadaver lab with OSU; over 300 paramedics attended
- Linked EKGs to Patients E-PCR
- Researched bariatric patient vehicle/ equipment



Hazmat

In 2009 Hazmat 4 responded to 41 incidents (one out of our jurisdiction), 30 daylight runs and 11 night runs, logged 96 hours of service time, used no Level "A" suit ensembles and 15 Level "B" suit ensembles, used 12 self contained breathing apparatus for a total of 60 minutes of mask time, and 4 entries in air purifying respirators.

Over-all, the program's run numbers were up from 21 runs last year. This is the first increase in four years. Unknown substances, "white powder," and suspected clandestine labs accounted for 20 (almost half) of the runs. The Heartland Petroleum incident in December was the largest incident the unit handled in 2009.

There are 270 trained Hazmat technicians, down ten from last year.

Hazmat technician refresher training was held in December with 157 techs totaling 1,404 hours of training. Hazmat refresher classes were also held for both the Columbus Auxiliaries and Box 15.

Medical

Continuous Quality Improvement

- LUCAS device trial in Battalion 2 (Medics 6 and 24) January through March
- Issued two EMS SOP (protocol) updates under direction of the medical director
- Participated in Mission Lifeline, the American Heart Association's initiative to reduce mortality and morbidity from heart attacks
- Cardiac Arrest Survivor Celebration during EMS week on May 21
- Participated in The Ohio State University Medical Center and Mount Carmel West chest pain accreditation processes

continued on page 15

Emergency Services Bureau

continued from page 14

- Participated in Columbus Dispatch article about STEMI management solution
- Taped GTC-3 episodes of ABC's of CFD and CPD and EMS Perspectives
- Participated in H1N1 preparations, protocols and vaccinations
- Maintained cardiac arrest database and monthly audits of data, including a year-end audit

EMS Documentation

- Established CAD integration with Toughbooks
- Implemented mapping solution for Toughbooks
- Established EMS awards with Division awards committee
- The Department of Technology installed ECG software (CodeStat 8.0) on the EMS officers' computers
- Began reconciliation of CAD records with electronic patient care reports

EMS Billing

Experienced a record-setting year for EMS revenue collection with total cash receipts of \$14, 235,898.

Tactical EMS (TEMS)

- Put Medic 890 (TEMS transport vehicle BT 17209) in service at Station 10



- TEMS team was the subject of an article in The Columbus Dispatch
- Put EMS 20 (TEMS command and CQI response) in service
- Developed TEMS call-out procedures
- Held a public relations event at Panerathon promoting the Division and the TEMS Team
- Participated in multiple training activities with CPD S.W.A.T.:
 - Active shooter scenario at Hilliard Heritage Middle School with EMS training personnel, Hilliard P.D., Norwich Township Fire/EMS, & CPD S.W.A.T.
 - Live fire training at Muskingum County
 - Regional improvised explosive device exercise in Madison County
 - Rappelling and entry training at new Fire Training Complex
- Began responding with Columbus Division of Police Narcotics Investigation and Tactical Team (In/Tac)

- Team attended IRTB/PRSBI course in preparation for support of Columbus Bomb Squad
- Participated in over 100 missions in support of CPD S.W.A.T. and In/Tac



Dive and Rescue Team (DART)

DART is headed by a battalion chief with a dive supervisor assigned to each shift of approximately 20 dive members prepared to respond to water emergencies 24 hours a day, 7 days a week.

DART was deployed on 34 incidents in 2009 with many of the runs being a joint operation with the Columbus Police Underwater Search & Recovery Unit.

DART was involved in 350 hours of training with many of the training sessions being joint training with USRU.



Support Services Bureau

Jerry L. Mason, Assistant Chief

Support Services Summary

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

SSB is sub-divided into five major functional areas of responsibility. These areas, Fire Alarm Office, Apparatus Maintenance Liaison Office, Logistics Center, Mask Repair and Building Maintenance Office.

Despite the challenges presented by our struggling national economy in 2009, the members of the SSB leveraged the funds that were made available to them to achieve numerous accomplishments this year. 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) 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.

In 2009, the Location computer voice dispatching system was installed. It 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 to dispatch runs.

The project to replace the CAD system began in 2008 when Intergraph was selected as the vendor for the new 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/RMS vendor.

A new radio template was developed to take advantage of increased capacity of the XTS-5000 radios. All Emergency Services radios have been upgraded to the XTS-5000 and programmed with the new template.

Personnel from the FAO and Communications are preparing for the upcoming 800 MHz re-banding project. The FCC has ordered reconfiguration of the band to eliminate interference between commercial wireless carriers and public safety radio systems. The re-banding process, scheduled to be completed in 2010, will require reprogramming of all radios.

In 2009, three lieutenants and twenty-one firefighters completed dispatcher/call taker training.

Apparatus Maintenance Liaison Office

In 2009 the mission of this section of the SSB was accomplished by interacting with the Fleet Services Division. We maintained and completed the standard practice of scheduling aerial ladder testing, pump testing, and VIS Dyno Brake testing of all of our heavy duty vehicles.



We restructured the status report program on extra apparatus by using *MSExcel*. This Monday-Friday report contains all of the extra emergency vehicles (engines, ladders, medics, battalion & EMS extra vehicles) and is available on our intranet's common share program.



2009 was a year of change for the Division of Fire, especially for SSB. The ISU vehicle was transferred from the SSB to the Emergency Services Bureau at Station-19 in April 2009. In May, Fire Apparatus Liaison Office was moved from 270 Greenlawn Avenue to the 3639 Parsons Avenue office complex.

The customer service area for small vehicles at Fleet provides lists of repair issues that will require our members to leave their vehicle at Fleet for repairs that will take more than 4 hours to complete. In addition:

- In the near future Fleet expects to have the ability to enter all Fire Service Requests into their system.
- Fleet also hopes to have the 125 point inspection report for each vehicle available online.
- Each component of the fire trucks is covered under its own warranty within the general warranty for the vehicle. Fleet is working toward a system that will better identify those components and have them repaired under the appropriate warranty.

In July, Fleet received seven Ford Explorer XLT 4WD vehicles. Fleet also received one Ford F-350, Super Crew Cab, Dually, 4WD. The seven Explorers were put into service as battalion chief vehicles and the Ford F-350 was assigned to the Bomb Squad commander.

continued on page 17

Support Services Bureau

continued from page 16

In September, Fleet received seven fire engines and they were subsequently placed into service. Engines that were replaced were assigned as supplemental apparatus that will be used to back-up our front line fleet.

Tools and Equipment Section

This Support Services 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 Research & Development on various specification committees for the purchase of equipment.

Other accomplishments included:

- Repaired and tested all hydraulic tools
- Upgraded spreaders and pumps
- Replaced and repaired numerous damaged tools and equipment
- Assisted with ladder testing
- Replaced all damaged ground ladders
- Tested rescue max rope gun
- Put one Rescue One connector boat in service



- Put AC Tac Sticks on all engines
- Put lock-out tools and HID hand lights on all ladder companies
- Exchanged linemen's gloves on all ladder companies

Special Projects

Created and implemented a database in *MSAccess* for the tracking of turnout gear inspection/cleaning for all Division of Fire members. This database replaces an old system of storing written records in



thick binders which were accurate, but not useful for retrieving "on the fly" information. The new system resides on our intranet server and allows the laundry person to enter the data on a terminal each day as gear is cleaned. The data can then be monitored by supervision. Detailed reports can be generated of members who have or have not had their gear cleaned or inspected within any date range queried. This is an important record keeping tool for not only keeping the Division NFPA compliant, but also for insuring the safety of Division members as they perform their daily duties.

Continued development of an inventory tracking system for the Fire Division's quartermaster. Due to the complex nature of such a varied inventory database, this required coordination with the Division of Technology. Capt. Moore worked with Bill Kessinger of the DoT to develop an *MSAccess* database which is nearing completion. It has currently been installed on the stand alone desktop PC located at the quartermaster warehouse and is in a beta testing phase. This system will require further development implementing the use of a mobile terminal, hand scanners, and a bar code printer.

Logistics Center

EMS Supply

EMS Supply is responsible for:

- Inventory, tracking, storage and purchase of all EMS Supplies, EMS Equipment and EMS Pharmaceuticals
- Purchase, inventory and security of all controlled substances
- Filling numerous emergency requests for EMS supplies and Equipment

Accomplishments included:

- Handled the exchange and repair of the Life-Pak units as well as coordinated preventive maintenance on 96 units every six months
- Purchased and set aside enough EMS supplies to handle a mass casualty incident (up to 300 people) which are inventoried and rotated on an on-going basis
- Purchased 10,000, N95 masks for possible H1N1 Virus and 10,000 particulate masks for patient use
- Purchased 3M Half Mask and Filters for each member of the Division for protection from H1N1 Virus
- Purchased various infection control supplies to protect members from the H1N1 Virus per the Safety Director
- Updated EMS supply order sheet to match FEAM application

continued on page 18

Support Services Bureau

continued from page 17

- Updated fire electronic asset tracking system which is an on-going project
- 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 substances 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 and state drug licenses
- Updated the process for a medical supply purchasing CO-OP
- Upgraded all Life-Pak 12s (96) with new software (on-going process)
- Replaced the 2009 drug licenses at 34 locations around the city
- Continued the program to replace all of the Division's cots with heavy duty 650 lb. capacity cots
- Upgraded all CPAP devices for all special duty medic vehicles
- Upgrade the IO drivers for all medic vehicles
- Received and issued new Diazepam Injectors from the Health Department for all county fire departments
- Received numerous EMS grants for 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 items no longer needed
- Put in service the new tactical medic, stocked as a front-line vehicle
- Upgraded all Cabbage Case drug and airway kits on the Division's medics



General Supply

- Purchased, stored, and distributed over \$700,000 of janitorial, office, kitchen, small tools, and misc. house supply items
- Inspected over 1,500 sets of turn-out gear
- Distributed 257 sets of turn-out gear
- Issued 138 pairs of fire boots
- Issued 52 helmets for replacements or promotions
- Exchanged 947 fire hoods
- Exchanged 1,021 pairs of fire gloves
- Responded to over 2,700 phone calls
- Supervised and assigned duties to two storekeepers, one hose repair technician, and several light-duty firefighters in their daily duties
- Assisted in the planning and design of a new laundry facility to be completed in 2010
- Revamped and improved the fire gear inspection process including the new tracking system for such
- Assisted in the consolidation of the laundry and repair procedures due to city layoffs
- Supervised the training of the laundry person in inspection and repair certification
- Assisted in the purchase and storage of emergency H1N1 supplies
- Worked as a member of the turn-out gear committee to write new specifications for fire gear, gloves, and boots

- Assisted in the daily management of the Williams Rd. Logistics Center
- Participated in 32 house inspections
- Responded to 49 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 32 fire houses and the 5 supporting bureaus and their offices
- Assisted the Firefighters for Kids toy program, and set up & distribution from the logistics center



Hose Repair

- Secured hose for Red, White, & Boom
- Repaired over 200 sections of various sizes of hose
- Delivered over 200 sections of hose to various stations

continued on page 19

Support Services Bureau

continued from page 18



- Inventoried all high pressure hose and tested 24 sections of that hose
- Performed various types of maintenance repair on the building
- Inventoried and tracked 260 sections of replacement hose
- Delivered several sections of condemned hose to other city agencies and the Columbus Zoo
- Assisted with reorganizing the warehouse for use by the Firefighters 4 Kids Toy Program
- Maintained weekly checks of various apparatus assigned to the Logistics Center
- Maintained monthly checks on the Division's two AED units assigned at the Parsons Avenue Complex
- Collected all Mini-Radiac Meters (UDR-13) & Ultra Radiac Meters (MRAD-113) assigned to engines, ladders and rescues for repairs/calibration which were sent to the Ohio EMA Radiological Instrument Maintenance & Calibration Laboratory
- Completed 4 hours training on using the Division's Niedner Gas Powered High Pressure Hose Testing Machine
- Received Certificates of Completion certifying training by Fire Safety Service Inc.

- Assisted Supply with delivering house supplies

Upholsterer

Created the following:

- 75 name tags for turnout gear
- 40 flashlight clips
- 3 mail bags
- 6 outlet straps for engines
- 3 C-Collar bags

- 10 miscellaneous straps and 9 straps for new apparatus
- 10 small and large electrical cord bags
- 3 stand pipe kits
- 1 high rise pack
- 2 equipment covers
- 10 apparatus log book covers
- 4 obese carriers
- 1 splint bag
- 1 - 12x12 tarp
- Repaired over 220 pieces of turnout gear

Mask Repair

Mask Repair completed the annual flow tests on all Self Contained Breathing Apparatus (SCBAs) within the Division of Fire, conducted annual ground ladder tests on all engines and ladders, and performed annual face piece fit tests at all fire stations and the Training Academy. Due to the H1N1 outbreak, Mask Repair issued/fit-tested all Division members on the 3M half-facepiece respirators. We



also repaired and maintained SCBAs, air cylinders, and face pieces. Mask Repair technicians maintain and repair oxygen and breathing air cascade systems at all fire stations.

Accomplishments:

- Hydrostatically tested Scott's air cylinders, breathing air cascade cylinders and oxygen cylinders
- Repaired/replaced SCBA harnesses

- Ordered parts for SCBAs and cascade systems
- Repaired cascade systems at fire stations
- Maintained fuel, oxygen and breathing air supplies for all fire stations

Health & Fitness Coordinator

The physical fitness program is currently on schedule and turn-around dates are 12-13 months. There were over 1,300 firefighters scheduled to participate in the physical testing process this year.

Building Maintenance Liaison Office

- Selected a new location for the Division of Fire laundry operations and designed the structure
- Reached a decision on the spalling of concrete ramps at station-10, which is shallow milling, polishing and sealing
- Renovated Station-2 kitchen

- Made repairs to Station-23 bathroom plumbing and repaired front ramp
- Made repairs to Station-21 bathroom plumbing
- Designed and bid out Station-24 generator and started installing the new generator to be completed in 2010
- Replaced Station-1 HVAC system
- Refinished the gym floor in the Fire Training Complex Building ■

Training Bureau

Greg Paxton, Assistant Chief

The mission of the Training Bureau (TB) is to assure that all Division members have the knowledge and skills necessary to safely and efficiently fulfill the mission of the Division. To accomplish this mission the bureau is divided into four functional areas, each having a specific area of expertise and training responsibility.

In addition to training the Division's recruit firefighters, the TB is also responsible for providing the Division's medical training and other specialized training, as well as maintaining the records for various certifications held by Division members. The Training Bureau is organized to provide training for two general disciplines: emergency medical and fire. 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 refresher courses.

The Recruit Training section is responsible for receiving civilian candidates and converting them into firefighters with EMT-Basic, Firefighter II, and Fire Safety 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 newly graduated firefighters until 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 that exists between Training staff and the members of Emergency Services that help us to

present the training.

Online Learning Implementation

The Training Bureau implemented Online Learning in February of 2009 utilizing CentreLearn as our training content provider. In the first eleven months of operation over 40,000 hours of continuing education were completed and over 30,000 certificates were earned. This will assist the Division in meeting the new Ohio continuing education requirements for Firefighter II and Fire Safety Inspector certifications. We are moving forward with the development of our own EMT-Basic and EMT-Paramedic content with the intent of replacing a portion of the current classroom continuing education.

This project involved the entire training staff and was initiated in 2006 when the Ohio Legislature passed Senate Bill 226 which 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 our 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. The training staff solicited and accepted a vendor to deliver online course content and track each certificate holder's continuing edu-

cation. This system will also track the expiration of each firefighter's multiple certifications. In addition, Columbus specific education will be developed and made available through this medium. The program is intended to combine knowledge and practical application into a fire service employees continuing educational requirement.

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

Training Facility Capital Expansion

The dedication ceremony for our new Training Complex was conducted in April 2009. This 9.7 million dollar 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 apprentice and in-service training evolutions.



City and Division dignitaries join Chief Pettus cutting the ribbon on the new Training Facility

Practical Skills Building

This building houses the 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

continued on page 21

Training Bureau

continued from page 20

cascade systems and six extra high and extra long apparatus bays. These bays house training apparatus and equipment and also afford us the opportunity to conduct practical skills training and testing indoors. This building also accommodates an indoor CPAT course for firefighter physical capabilities training and testing.

Burn Building

Our burn building is two stories with an attic space and has natural gas burn props and smoke production on each level. 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.

Training Tower

This six-story masonry structure with a two story wing allows us to simulate high rise emergency operations. We have included a variety of openings and anchors to facilitate ladder, rope and confined space training evolutions.

Roof Simulator

This wooden structure includes three different roof pitches (6/12, 8/12, & 12/12). It has a replaceable cutout section in each pitch and allows us to provide roof operations training in a relatively safe environment.



Shelter House

This open sided forty foot by sixty foot shelter with electric and water provides a haven from the heat and rain. It also has tables and marker boards for lesson reinforcement in a “dirty classroom” environment.

Storage Building

This forty foot by sixty foot “pole barn” is used to store equipment and supplies utilized for off-site live fire training evolutions.

Training Grounds

Surrounding all of these structures is a large expanse of heavy-duty reinforced concrete to accommodate fire apparatus. We also have twelve fire hydrants, a pond with dry hydrants for drafting, and an asphalt running trail around the complex.



Emergency Medical Training

The Emergency Medical Training Section is headed by a captain and has a staff of one permanent lieutenant, two permanently assigned firefighters, two EMS Instructor-IIs, two EMS Instructor-Is, and one temporarily assigned firefighter. Additional staff is assigned as needed to provide necessary training. This section is responsible for providing the initial and continuing education necessary to maintain the Ohio certifications for 724 paramedics and 788 EMT-Basics.

Fifteen new paramedics completed their training and were certified by the Ohio Division of EMS. Fourteen out of these fifteen passed the National Registry Exam on the first attempt for a first time pass rate of 93% (was 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 Emergency Services staffing obstacles and reduced back fill overtime costs while improving class utilization efficiencies.

The EMS Training Section of the Training Bureau provided a total of 121,488 hours of training during 2009. This training is broken down as follows:



- Paramedic Course
(16 students X 880 hrs = 14,080 hrs)
- EMS Continuing Ed Series
(3,095 sessions X 8 hrs = 24,779 hrs)
- ACLS Update
(386 sessions X 8 hrs = 3,088 hrs)
- CPR Course
(512 sessions X 8 hrs = 4,096 hrs)
- PALS Provider Course
(43 sessions X 16 hrs = 688 hrs)
- ITLS Provider Course
(29 sessions X 16 hrs = 464 hrs)
- Miscellaneous CME
(2,4043 sessions totaling 74,293 hrs)

Emergency Medical Training Goals for 2010 include:

- Conduct 2 Paramedic Classes of 20 students each
- Continue providing EMT-P and EMT-B Refresher Courses
- Continue providing ACLS instruction
- Continue providing CPR instruction
- Integrate PEARS training into curriculum
- Continue providing PALS and BTLS courses
- Utilize E-learning for a greater percentage of Continuing Education needs
- Utilize training medic and SimMan for realistic practical exercises
- Produce relevant D/L materials in-house

Recruit Training

The Recruit Training Section is headed by a captain and has a staff of four permanently assigned firefighters. With no recruit classes scheduled in 2009, three of the permanently assigned firefighters were temporarily reassigned to Emergency Services. During the 32-week recruit training period, two lieutenants and several additional

continued on page 22

Training Bureau

continued from page 21

firefighters are transferred to this section to assist in supervising and training the recruit firefighters. Recruit Training Activities for 2009 included:

- Acquired 12 houses for training fires, then assisted the ES companies with the logistical support to conduct these burns.



- Coordinated 11 monthly 4-hour training sessions for the Columbus Auxiliary firefighters. These members were the first to train in the Burn Building, the Confined Space Tunnels, the Roof Simulator and the Interior Training Tower.
- Utilized our new classrooms for the Harvard Sleep Study, EMS training, Proctor & Gamble, Saving Your Own, Hazmat, bomb schools, R & D, Critical Incident Stress, rescue tech., auto accident extrication classes, Columbus Auxiliary and Apprenticeship Training.
- Conducted 10 days of training fires for Emergency Services companies using the new gas fired Burn Building.
- Conducted 26 days of tower training. This included training for the apprenticeship program, rescue techs, ES companies, the Central Ohio Strike Team and assisting Upper Arlington with their candidate physical abilities entrance exam. We also coordinated multiple trainings using our 911 house. Groups such as CPD's SWAT, and the National Guard's 52nd Civil Support Team have used this facility.
- Maintained 3 fully equipped engines, 2 ladder trucks, 4 buses and various other pieces of apparatus. These are used throughout the year to back up ES companies, for FPB fire watches, apprenticeship testing, etc.

Officer and Specialized Training

This section is headed by a captain 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 that keeps 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.

Officer and Specialized Training activities for 2009 included:

- 40,000 hours of continuing Firefighter and Fire Inspector training delivered via our new online learning system
- Hazmat refresher
- Hazmat Tech
- Save Our Own classes
- Engine Operations classes
- First in Drills utilizing tower and burn building
- 29 acquired structures utilized (single family residences, duplexes, multi-unit apartment complexes) of which 12 utilized for live fire training exercises and the remainder for a variety of training activities 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

The Apprenticeship Training Section is headed by a captain with a permanent staff of one lieutenant and two firefighters. Accomplishments include:

- Updated written assignments 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 modules and quizzes for a total of six modules, 5 quizzes and a final exam.
- Firefighter administered quizzes and distributed homework modules to the Class of 2008 and recorded results.
- Staff provided Mobile Data Computer training to 2008 class.
- Continued to increase the hands-on Fire Skills Development with the apprentice firefighters. A full day of training occurred every ten weeks.
- Apprentices took written quizzes, reviewed the answers, reviewed the completed assignments and performed hands-on fire skills.
- 32 apprentices completed 6 modules and received 5 days of hands-on development.
- Lieutenant reviewed new fire fighting resource books, for use within the apprenticeship program. These resource books, tapes and articles included topics dealing with engine company operations, ladder company operations, and building construction for the fire service.
- Lieutenant assisted eligible veterans in the Apprentice and/or Paramedic program receive monthly benefits from Veterans Affairs.
- Reviewed program with the Ohio Department of Education and U.S. Department of Veterans Affairs.
- Staff administered Final Practical Skills Test for class of 2008.
- Class of 2006 completed 12 teach-back modules.
- Certificates were given to 27 firefighters from the class of 2006 for successful completion of the Apprenticeship Program. ■



Fire Prevention Bureau

Karry L. Ellis, Assistant Chief

Bureau Overview

The bureau was successful this year in continuing the primary missions of fire safety education, fire and bomb investigations, and fire code inspections. There were three fire deaths in 2009, the lowest in twenty years. While the education efforts cannot claim sole responsibility for the drop in fire deaths, we know by targeting population groups that have a higher incidence of fire deaths, our efforts can show results.

A bureau effort aimed at reducing fires and injuries from fires in vacant structures was the featured article of the National Fire Protection Association Journal September/October issue, which included a front-page photo of Fire Chief Ned Pettus, Jr., Assistant Chief Karry L. Ellis, and Lieutenant David Sawyer.



The Fire Prevention Bureau has made it a priority to represent the Division at all State Board of Building Appeals hearings with the Building Services Division.

Acceptance test inspections have been down causing a slight adjustment to staffing, but all other inspections, such as facilities requiring licensing, schools and hazardous materials industrial sites have been steady if not slightly increased. Public assembly venues are

still seeing growing popularity of indoor pyrotechnics causing an increased demand for the presence of fire inspectors at these events. Adding a third school inspector in 2008 has paid big dividends in accomplishing timely school inspections and re-inspections.

Several high-profile arson arrests made a big impact on a three-month string of set fires in the South Side. Alliances with CPD and the U.S. Marshals continue to bear fruit on these investigations which invariably lead to other crimes.

After Fire Prevention Week in 2009, the Bureau began developing an awareness effort aimed at internally educating Division firefighters of historical facts of major fires locally, nationally and even internationally, that will be implemented beginning in late summer 2010 as a run-up to Fire Prevention Week.

Community Relations

Community Relations was very busy in 2009, being involved in typical community fire education efforts in schools, senior citizen groups, and many civic associations.



Safety House remains a popular program

For a large portion of the year, we were able to have an additional lieutenant, assisting in the day-to-day operations of the section, freeing a lieutenant to concentrate on the many liaison duties assumed within the community.

The Community Relations Office was represented at most festivals, the Neighborhood Safety Academy, Mayor Coleman's Neighborhood Pride events, National Night Out, First Night, EMS Week, Arson Awareness Week, and African-American Men's Health Walk. In addition it coordinated smoke detector installations in targeted neighborhoods on the South Side and Franklinton areas.

The Office has become involved with the Nationwide Children's Hospital Carbon Monoxide working group, has a seat on and is heavily involved in the Language Barrier Coalition (a group reaching out to non-English speaking residents on issues of fire safety and emergency medical services), and has a seat on the Franklin County Home Foreclosures Task Force.



continued on page 24

Fire Prevention Bureau

continued from page 23



Firefighters Against Drugs has been undergoing a name update to reflect the mission of tutoring and mentoring they accomplish in the schools. This acclaimed effort is highly sought out by teachers each year as the program rotates the effort around the district each year.

The “**Fifty Plus**” program has been busy attending a train-the-trainer class by the National Fire Protection Association and returning to share the program with other public institutions around the county. This section made four appearances on television discussing the program and education efforts aimed at those who have moved into an age group where survivability in a home fire

decreases. This section alone made 105 presentations to 8,851 adults over fifty years of age in 2009, emphasizing that by the time people are in their eighties, they are five times as likely to die in a home fire if they don't learn some common safety practices to help reduce the risks.

The **Latino and Somali Outreach** and the **Safety House** programs continue to be popular.

Community Relations presented 281 programs in 2009 to 43,675 participants.

Fire and Bomb



Many clues are evident to the trained eyes of fire investigators

Investigation Unit

While the effort aimed at the South Side arson fires in the first quarter of 2009 is easy to point to as a success story, The Fire and Bomb Investigations Unit (commonly called “Arson”) is quietly and diligent investigating fires weekly to determine origin and cause and to make arrests as indicated by

quality interviewing techniques, scene documentation and evidence collection.

The Unit continues to update their qualifications with the Computer Voice Stress Analyzer laptop computers and work closely with the Columbus Division of Police and the U.S. Marshals to investigate and apprehend suspects involved in arson and related crimes.

In 2009, the Unit had 111 arrests. In the first quarter, two members of a juvenile gang were arrested in conjunction with South Side arson fires, as was one adult. This area continues to merit surveillance even as the amount of set fires has diminished.

The Fire and Bomb Investigation Unit investigated 798 incidents and there were only three fire fatalities.

The U.S. Marshals bought the Fire Investigations Unit a 2010 Chevy Traverse for use when working with the Marshals' office.

The **Juvenile Fire Setter Program (JFSP)** has been moved to the supervision of the Fire and Bomb Investigations Unit captain. In 2009, 88 juveniles were entered into the JFSP; 33 completed the program.

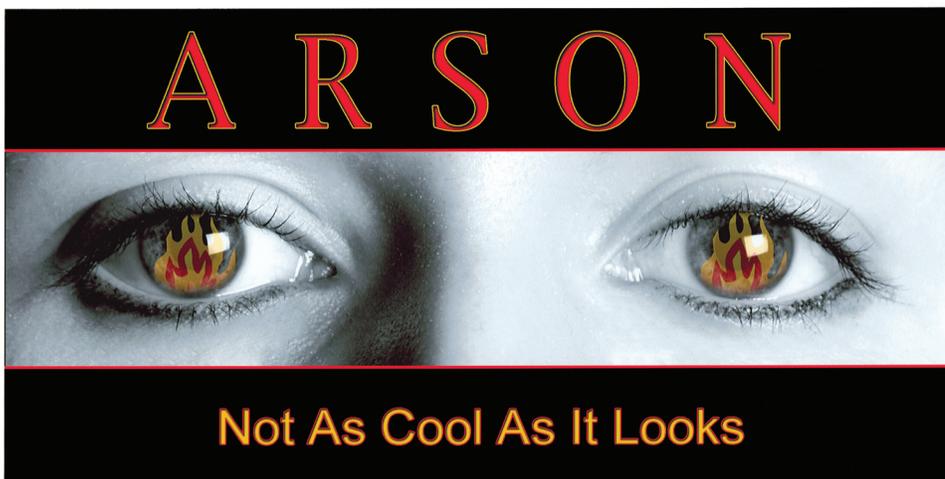
Chief Ned Pettus, Jr. has ordered



Chief Pettus accepts grant from State Farm Insurance to purchase smoke detectors

the bureau head to ramp-up our smoke detector distribution effort, targeting neighborhoods of high incidence of working fires and to supply them on request to needy citizens. In 2009, we distributed 1,147 smoke detectors, emphasizing we will provide free installation.

The Unit received a letter of merit for its dedication to prevent insurance fraud from the National Society of Professional Insurance Investigators



by Randall Stover II
Fort Hayes Career Center
Commercial Photography
Rick Kocks/Teacher

continued on page 25

Fire Prevention Bureau

continued from page 24

who held their national convention in Columbus in October.

Fire Inspection Section

The fire inspections section is responsible for insuring all commercial occupancies in the city are inspected at least once annually. Within that guideline, we continually find businesses that have previously been in no known database of the Division of Fire.

Inspections are accomplished on a



two-tiered system with 18,453 performed by fire company firefighters and 7,725 performed by bureau inspectors for a total of 26,278 inspections in 2009. The bureau inspections consist of specialized inspections such as hazardous materials manufacturing properties, schools, and public assembly venues.

The **Special Inspections Office**,



Fire safety booth

inspects underground tanks, gas stations, and public assembly sites. It also handles requests for environmental data for property and parcels, food cart inspections, pyrotechnic inspections, outdoor fireworks inspections, trade shows and festivals, nightclub inspections as well as any complaint inspections received from the city's 3-1-1 line, written complaints or direct telephone complaints.

The **Annual Inspections Office** is responsible for inspecting all public and private schools, warehouses, institutions, hospitals, hazardous materials manufacturing and storage sites, hotels, motels and airports.

The **License Inspection Office** provides inspections services for agencies, groups and individual families who need a fire inspection in order to obtain a license or permit to operate (such as group homes, foster care homes, adoptive parent homes, and home and commercial day-care operations). In addition, the inspectors assigned to this section double as liaison officers to company level inspectors who have code-related questions or need assistance in gaining code compliance.

The **Plans Review Office** performs field acceptance tests on all newly installed or renovated fire detection and suppression systems. Additionally, they provide plans review for new detection and suppression systems as well as hydrant plats for new housing developments.

The **High-Rise and Records Office**, is responsible for providing liaison services with all company level officers who are assigned a high-rise structure that must be inspected quarterly. The additional duties of inspecting the high-rises on the Ohio State University campus continues to evolve as a shared duty with fire prevention personnel of the university. We feel this solidly improves the safety of students, faculty, visitors, staff of the university and the Columbus firefighters who are called upon when a response is needed to the



Sparky helps communicate safety

campus.

This office also maintains and inputs all inspection records and is also responsible for generating annual fee billings that generate about \$1,000,000 per year in revenue. ■



Teaching skills for life



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, PUCO, ATF, FBI, FEMA and NFPA.

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 old 1908 Engine House 16 that includes stalls for horses that were 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 located at 260 N. 4th Street in Columbus. Operating hours are Tuesday through Saturday from 10 a.m.-4 p.m. 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 means that the closest complement of personnel and equipment responds to an emergency incident regardless of the jurisdiction location of the incident.

Limited Automatic Response companies are only used in certain run districts.

Full Automatic means there are no limits. Columbus Division of Fire can use Automatic Response companies in the same manner as their own companies.

Columbus Division of Fire does not limit response into a **Limited Response** jurisdiction.

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

Automatic Response

Mutual Aid Partners:

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

Limited Automatic Response

Mutual Aid Partners:

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

Mutual Aid Partners:

Bloom Township
Pleasant Township
Prairie Township
Rickenbacker ■



1,9



300 North Fourth Street (1982)

Apparatus	Model	Total Runs
Engine 1	'08 Ferrara	1,799
Ladder 1	'08 LaFrance	1,774
Engine 9	'08 Ferrara	1,906
Medic 1	'08 Int'l / Horton	4,499
ES-2	'05 Ford CrownVic	19
SO-2	'05 Ford Crown Vic	457
EMS 11	'06 Ford Expedition	1,755

TOTAL RUNS
12,209

2,3



150 East Fulton Street (1962)

Apparatus	Model	Total Runs
Engine 2	'08 Ferrara	2,501
Ladder 2	'00 Sutphen	1,425
Engine 3	'06 Sutphen	2,357
Rescue 2	'05 Rosenbauer	3,227
Medic 2	'08 Int'l / Horton	5,155
BN 1	'10 Ford Explorer	2,382
Bomb Squad 2	'07 Freightliner/Pierce	87
Boat 2	'03 Zodiac	0

TOTAL RUNS
17,133

8



1240 East Long Street (1968)

Apparatus	Model	Total Runs
Engine 8	'06 Sutphen	3,383
Ladder 8	'08 LaFrance	1,498
Medic 8	'08 Int'l / Horton	5,181

TOTAL RUNS
10,062

25



739 West Third Avenue (1961)

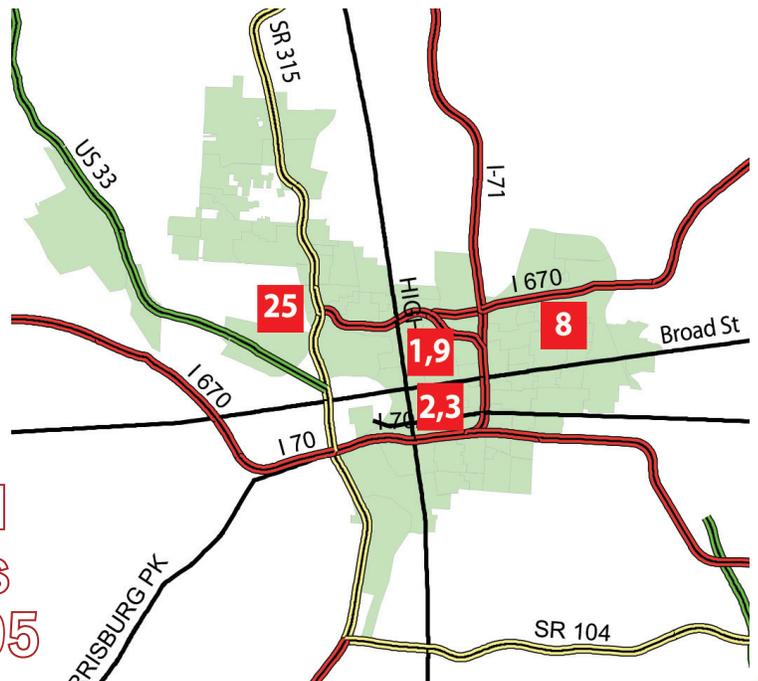
Apparatus	Model	Total Runs
Engine 25	'08 Ferrara	1,723
Medic 25	'08 Int'l / Horton	2,368

TOTAL RUNS
4,091

BATTALION

1

Total
Runs
43,495



6



5750 Maple Canyon Avenue (1970)

Apparatus	Model	Total Runs
Engine 6	'09 Ferrara	3,379
Medic 6	'05 Int'l / Horton	3,881
BN 2	'10 Ford Explorer	2,319
Boat 6	'08 Aluminum	0
EMS 12	'06 Ford Expedition	1,283

TOTAL RUNS
10,862

24



1585 Morse Road (1960)

Apparatus	Model	Total Runs
Engine 24	'08 Ferrara	3,878
Ladder 24	'02 LaFrance	1,581
Medic 24	'08 Int'l / Horton	4,107

TOTAL RUNS
9,566

28



3240 McCutcheon Road (1981)

Apparatus	Model	Total Runs
Engine 28	'06 Sutphen	1,712
Ladder 28	'08 LaFrance	979
Medic 28	'08 Int'l / Horton	2,517

TOTAL RUNS
5,208

29



5151 Little Turtle Way (1984)

Apparatus	Model	Total Runs
Engine 29	'00 Int'l/Sutphen	1,436
Medic 29	'08 Int'l / Horton	1,767

TOTAL RUNS
3,203

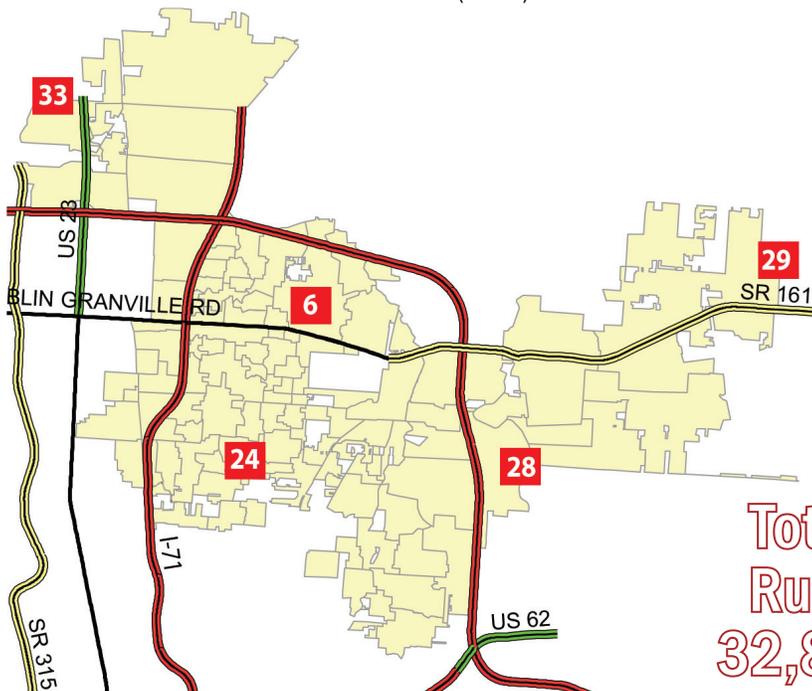
33



440 Lazelle Road (1994)

Apparatus	Model	Total Runs
Engine 33	'05 Sutphen	1,752
Ladder 33	'05 Sutphen	589
Medic 33	'08 Int'l / Horton	1,673

TOTAL RUNS
4,014



BATTALION

2

Total
Runs
32,853

7



1425 Indianola Avenue (1966)

Apparatus	Model	Total Runs
Engine 7	'04 E-One	2,562
Medic 7	'08 Int'l / Horton	3,744
BN 3	'10 Ford Explorer	2,477
EMS-13	'06 Ford Expedition	1,665

TOTAL RUNS
10,448

13



309 Arcadia Avenue (1957)

Apparatus	Model	Total Runs
Engine 13	'09 Ferrara	2,102
Ladder 13	'01 LaFrance	1,615
Medic 13	'08 Int'l / Horton	3,218

TOTAL RUNS
6,935

16



1130 East Weber Road (1953)

Apparatus	Model	Total Runs
Engine 16	'05 Int'l / Sutphen	3,535
Rescue 16	'05 Rosenbauer	2,995
Medic 16	'08 Int'l / Horton	4,877

TOTAL RUNS
11,407

18



1630 Cleveland Avenue (2006)

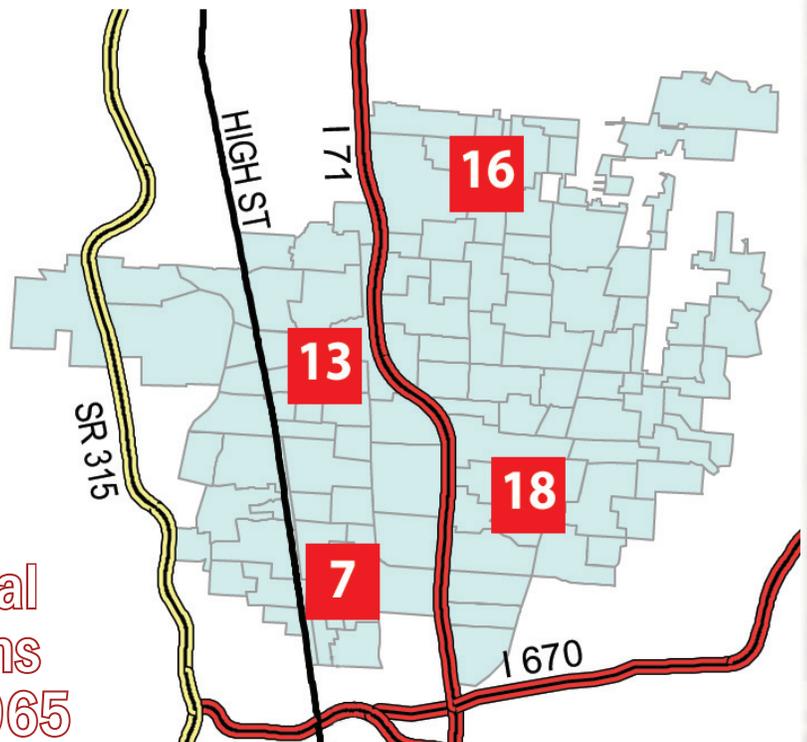
Apparatus	Model	Total Runs
Engine 18	'02 Boise	2,759
Medic 18	'08 Int'l / Horton	4,416
Command 18	'07 EVI	

TOTAL RUNS
7,175

BATTALION

3

Total
Runs
35,965



4



3030 Winchester Pike (1976)

Apparatus	Model	Total Runs
Engine 4	'00 Boise	2,072
Medic 4	'05 Int'l / Horton	2,980
Hazmat 4	'05 Marion	28
Rescue 4	'05 Rosenbauer	2,327
Boat 4	'86 Sillinger	0

TOTAL RUNS
7,407

14



1514 Parsons Avenue (2001)

Apparatus	Model	Total Runs
Engine 14	'04 Pierce	3,319
BN 4	'10 Ford Explorer	1,300
Medic 14	'05 Int'l / Horton	4,617
Boat 14	'05 Rescue 1 Connector	0

TOTAL RUNS
9,236

15



1800 East Livingston Avenue (1969)

Apparatus	Model	Total Runs
Engine 15	'06 Sutphen	3,469
Ladder 15	'01 LaFrance	1,373
EMS 14	'05 Chevy Suburban	1,691
Medic 15	'05 Int'l / Horton	5,019

TOTAL RUNS
11,552

22



3069 South Parsons Avenue (1959)

Apparatus	Model	Total Runs
Engine 22	'09 Ferrara	2,499
Medic 22	'05 Int'l / Horton	3,439
Ladder 22	'05 Sutphen	776
Boat 22	'03 Zodiac	0

TOTAL RUNS
6,714

32

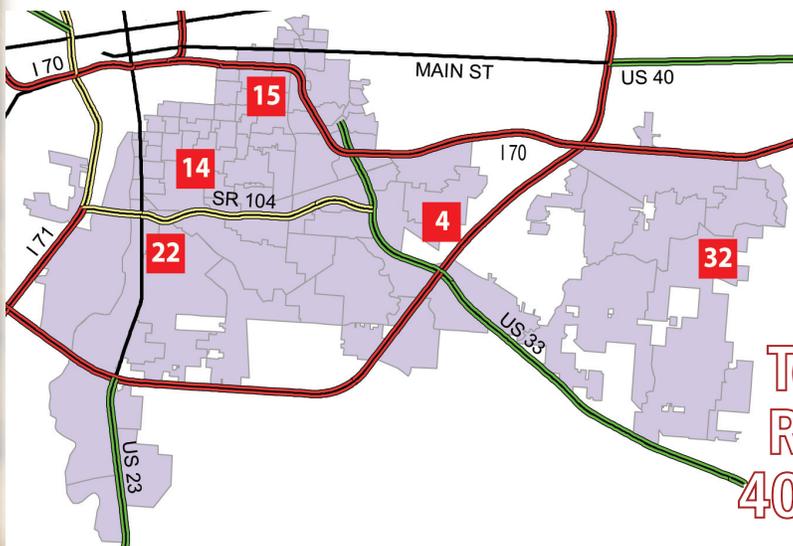


3675 Gender Road (1991)

Apparatus	Model	Total Runs
Engine 32	'00 Boise	2,175
Ladder 32	'00 Sutphen	752
Medic 32	'08 Int'l / Horton	2,825

TOTAL RUNS
5,752

BATTALION



Total
Runs
40,661

4

10



1080 West Broad Street (2008)

Apparatus	Model	Total Runs
Engine 10	'09 Ferrara	3,032
Ladder 10	'01 Sutphen	1,368
Medic 10	'08 Int'l / Horton	4,833

TOTAL RUNS
9,233

12



3200 Sullivant Avenue (1956)

Apparatus	Model	Total Runs
Engine 12	'08 Ferrara	3,401
Ladder 12	'01 LaFrance	1,321
Medic 12	'05 Int'l / Horton	4,521

TOTAL RUNS
9,243

17



2250 West Broad Street (1993)

Apparatus	Model	Total Runs
Engine 17	'09 Ferrara	3,260
Rescue 17	'03 E-One	2,351
Medic 17	'05 Int'l / Horton	4,440
BN 5	'10 Ford Explorer	1,880
EMS 15	'05 Chevy Suburban	1,849
Bomb Squad 3	'96 Int'l / Horton	5

TOTAL RUNS
13,785

26



5433 Fisher Rd (1975)

Apparatus	Model	Total Runs
Engine 26	'08 Ferrara	1,832
Medic 26	'08 Int'l / Horton	2,271
Ladder 26	'00 Sutphen	760
Boat 26	'08 Aluminum	0

TOTAL RUNS
4,863

4



5305 Alkire Road (1988)

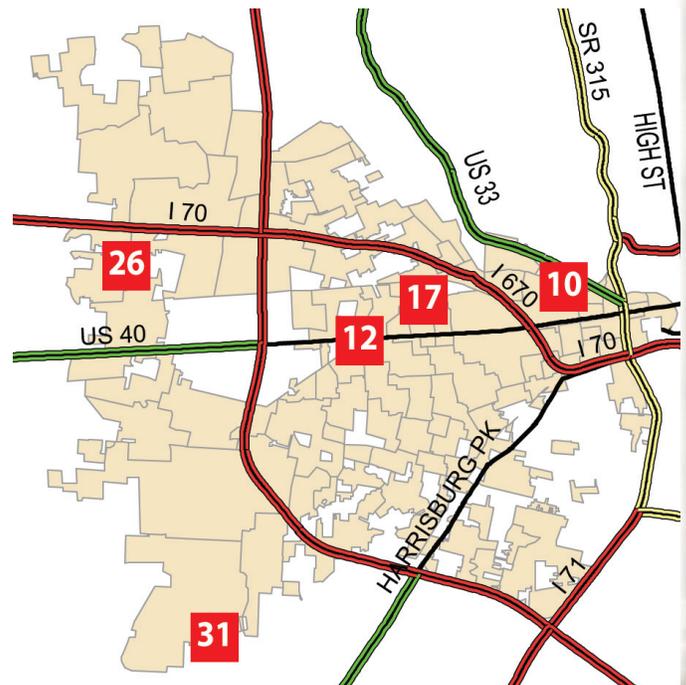
Apparatus	Model	Total Runs
Engine 31	'05 Sutphen	1,305
Medic 31	'08 Int'l / Horton	1,995

TOTAL RUNS
3,300

BATTALION

5

Total
Runs
40,424



5



211 McNaughten Road (1972)

Apparatus	Model	Total Runs
Engine 5	'06 Sutphen	2,053
Medic 5	'08 Int'l / Horton	2,708
EMS 16	'06 Ford Expedition	845

TOTAL RUNS
5,606

20



2646 East Fifth Avenue (1951)

Apparatus	Model	Total Runs
Engine 20	'09 Ferrara	2,411
Medic 20	'08 Int'l / Horton	3,450

TOTAL RUNS
5,861

21



3294 East Main Street (1959)

Apparatus	Model	Total Runs
Engine 21	'09 Ferrara	2,760
BN 6	'10 Ford Explorer	2,402
Medic 21	'08 Int'l / Horton	4,031
Boat 21	'08 Aluminum	0

TOTAL RUNS
9,193

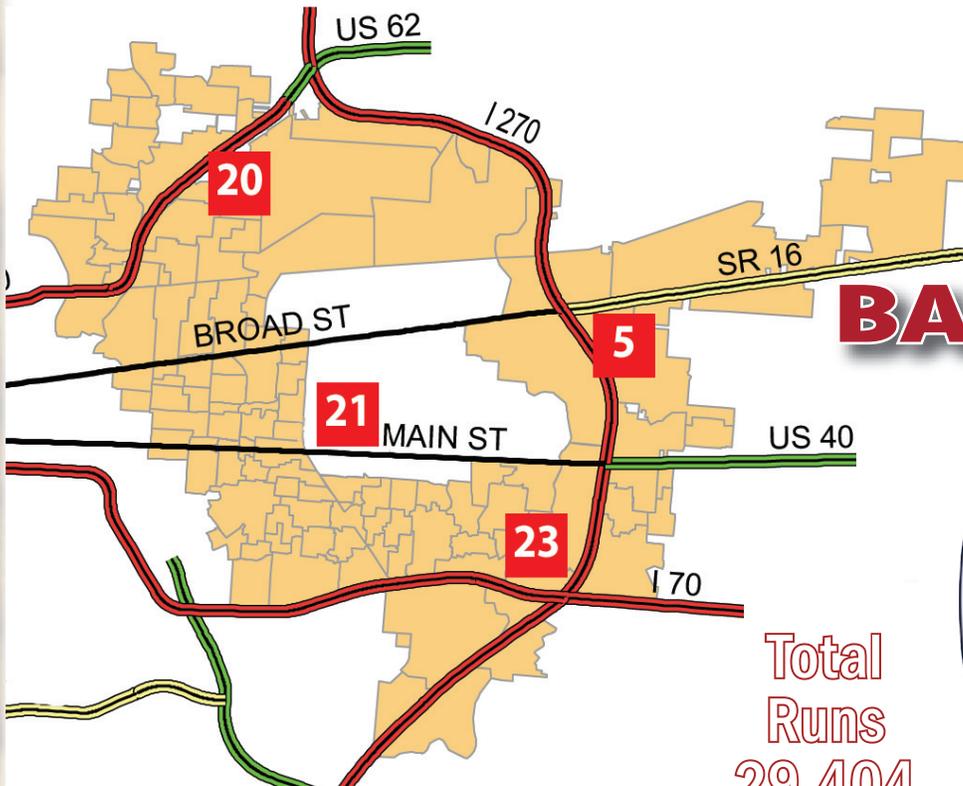
23



4451 East Livingston Avenue (1959)

Apparatus	Model	Total Runs
Engine 23	'08 Ferrara	3,170
Ladder 23	'01 Sutphen	1,498
Medic 23	'05 Int'l / Horton	4,076
Boat 23	'08 Aluminum	0

TOTAL RUNS
8,744



BATTALION

6

Total
Runs
29,404

11



2200 West Case Road (1992)

Apparatus	Model	Total Runs
Engine 11	'05 Sutphen	1,781
Rescue 11	'05 Rosenbauer	956
BN 7	'10 Ford Explorer	970
Medic 11	'08 Int'l / Horton	1,938
EMS 17	'05 Chevy Suburban	593
Boat 11	'03 Zodiac	0

TOTAL RUNS
6,239

19



3601 North High Street (1930/Ren.2003)

Apparatus	Model	Total Runs
Engine 19	'02 Boise	2,379
Medic 19	'05 Int'l / Horton	2,848
Boat 19	'03 Zodiac	0
ISU 19	'08 Ferrara	

TOTAL RUNS
5,227

27



7560 Smokey Row Road (1975)

Apparatus	Model	Total Runs
Engine 27	'05 Int'l / Sutphen	1,611
Medic 27	'08 Int'l / Horton	1,755
Ladder 27	'08 LaFrance	454
Boat 27	'08 Aluminum	0

TOTAL RUNS
3,820

30



3555 Fishinger Blvd (1988)

Apparatus	Model	Total Runs
Engine 30	'99 Int'l / Sutphen	600
Medic 30	'08 Int'l / Horton	650
Boat 30	'07 Rescue 1 Connector	0

TOTAL RUNS
1,250

34



5201 Wilcox Road (2004)

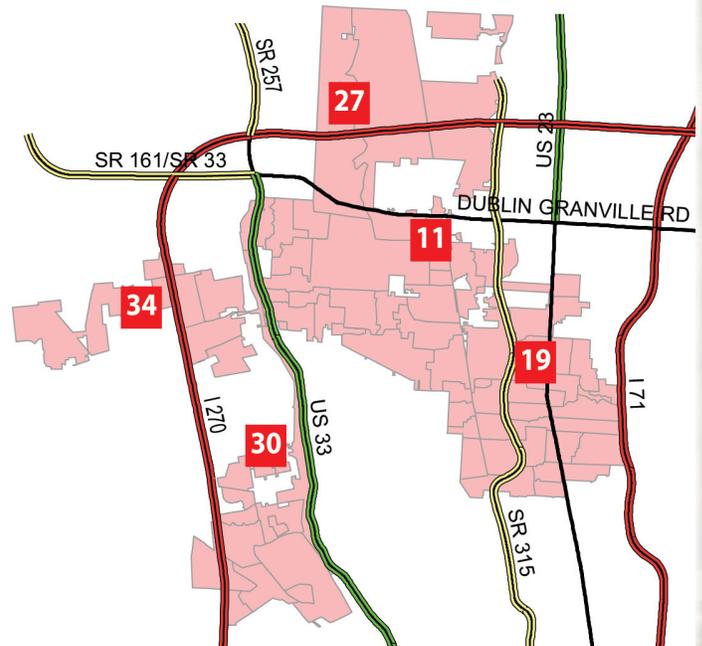
Apparatus	Model	Total Runs
Engine 34	'04 Pierce	629
Medic 34	'08 Int'l / Horton	660

TOTAL RUNS
1,289

BATTALION

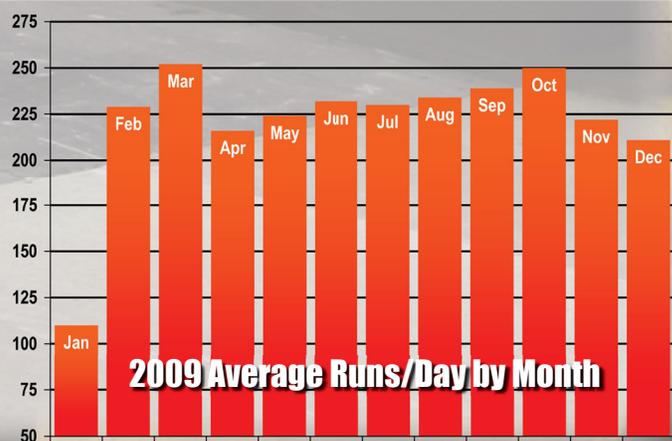
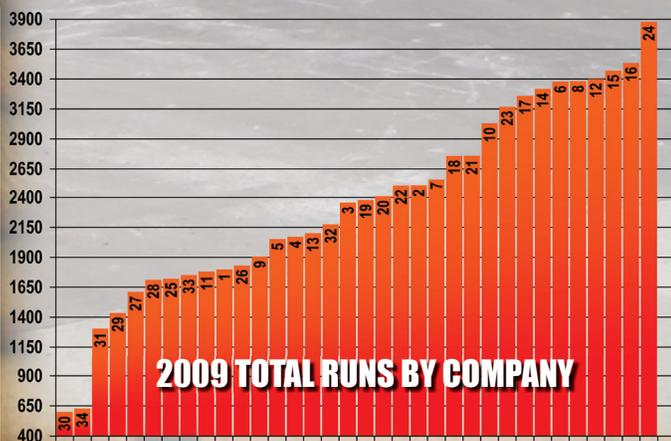
7

Total
Runs
17,825



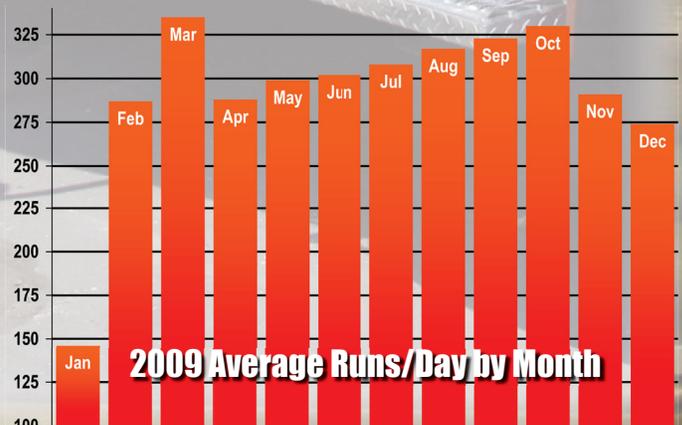
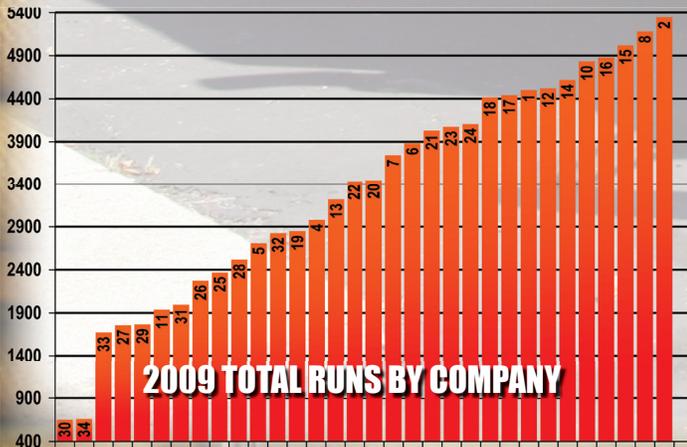
Engine Company Runs

Engine	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
1	76	159	195	168	145	130	151	155	181	163	131	145	1,799
2	97	212	225	203	207	226	210	248	199	269	190	215	2,501
3	110	223	246	204	213	187	210	215	181	188	195	185	2,357
4	81	175	191	155	215	182	176	188	187	191	181	150	2,072
5	94	156	223	150	155	167	185	179	193	191	178	182	2,053
6	169	264	334	278	272	260	296	312	292	313	280	309	3,379
7	116	213	201	228	214	227	203	235	243	253	253	176	2,562
8	117	253	335	270	327	308	307	302	315	349	227	273	3,383
9	81	169	191	140	130	157	176	164	184	188	159	167	1,906
10	123	242	298	259	247	265	272	288	262	285	242	249	3,032
11	78	146	196	137	145	137	150	145	156	167	159	165	1,781
12	115	253	372	290	308	281	316	329	259	337	288	253	3,401
13	78	169	178	165	193	191	181	202	204	205	180	156	2,102
14	127	274	306	276	301	336	295	297	287	313	251	256	3,319
15	152	272	318	292	295	346	311	309	319	331	266	258	3,469
16	145	257	356	257	304	315	294	298	332	369	300	308	3,535
17	132	248	344	263	269	276	299	330	272	337	255	235	3,260
18	121	220	279	211	247	237	254	225	277	277	209	202	2,759
19	117	192	193	177	192	211	205	228	236	226	197	205	2,379
20	85	193	244	202	218	200	225	213	203	241	182	205	2,411
21	132	227	265	221	250	219	235	225	259	261	246	220	2,760
22	100	203	253	190	258	225	195	209	218	255	215	178	2,499
23	137	232	293	244	282	269	288	261	300	308	282	274	3,170
24	179	293	383	301	334	345	352	355	334	341	332	329	3,878
25	78	161	135	144	133	152	170	145	156	171	146	132	1,723
26	55	136	175	153	160	146	158	186	151	194	148	170	1,832
27	80	108	157	129	130	146	163	150	145	134	138	131	1,611
28	70	149	152	144	143	163	155	149	157	138	142	150	1,712
29	78	99	128	120	97	116	115	122	150	134	130	147	1,436
30	32	59	73	42	53	52	42	47	54	50	50	46	600
31	59	79	146	109	104	91	125	124	103	129	132	102	1,305
32	98	181	200	157	202	182	191	191	200	213	182	178	2,175
33	59	131	166	163	138	164	161	178	118	174	150	150	1,752
34	24	63	60	52	76	44	51	55	45	59	45	55	629
total	3,395	6,411	7,813	6,494	6,957	6,953	7,117	7,259	7,172	7,754	6,661	6,556	80,542
Per Day	110	229	252	216	224	232	230	234	239	250	222	211	



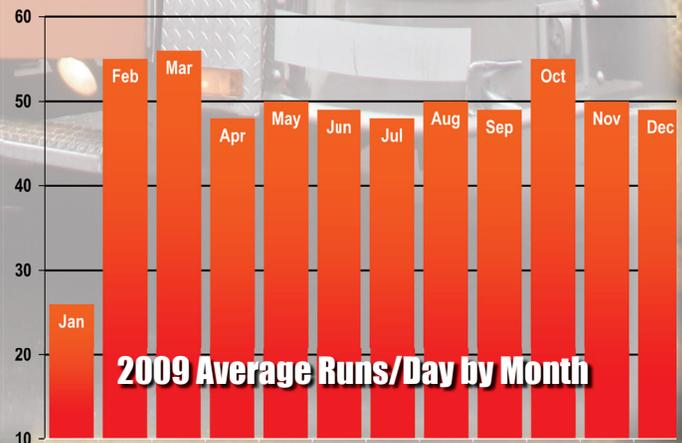
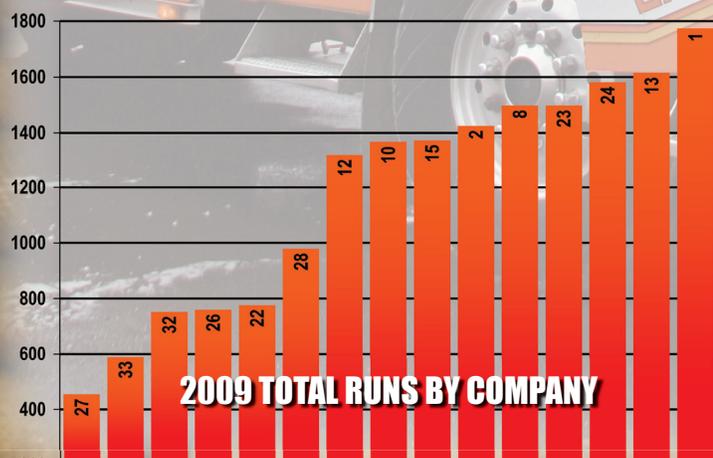
Medic Company Runs

Medic	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
1	185	350	421	393	373	410	429	431	384	422	363	338	4,910
2	222	389	489	393	460	452	480	486	480	495	414	395	5,346
4	138	221	301	248	276	256	253	253	263	292	263	216	2,970
5	138	214	283	205	217	219	251	247	262	234	199	239	2,590
6	185	294	405	324	326	326	353	359	363	331	300	315	3,977
7	162	300	340	298	353	321	335	298	380	363	325	269	3,984
8	226	417	514	410	442	432	474	484	457	522	411	392	5,327
10	196	360	461	437	440	423	417	474	414	464	373	374	5,061
11	84	152	185	165	142	149	174	177	188	169	170	183	1,961
12	207	344	432	374	395	384	419	441	367	427	371	360	4,309
13	110	236	304	239	296	259	285	307	305	333	301	243	3,354
14	207	353	459	381	393	401	407	421	414	448	351	382	4,738
15	232	377	506	418	417	450	464	481	453	477	385	359	5,161
16	222	359	495	375	433	402	433	434	447	446	418	413	4,768
17	162	327	445	342	389	402	422	436	378	425	343	369	4,475
18	187	334	415	347	395	349	408	402	431	435	355	358	4,258
19	116	208	261	230	239	246	254	259	266	285	238	246	2,979
20	122	259	315	278	338	285	300	321	335	349	267	281	3,519
21	173	269	389	334	374	368	351	354	381	392	328	318	3,979
22	121	273	354	288	314	296	297	342	293	321	272	268	3,325
23	172	306	410	320	352	327	380	358	379	399	344	329	3,994
24	184	303	397	322	347	366	373	401	369	391	315	339	4,163
25	111	192	214	188	213	222	196	187	246	235	207	157	2,472
26	86	182	232	202	193	173	194	221	190	212	189	197	2,210
27	79	124	166	143	132	143	176	156	174	153	157	152	1,727
28	98	209	239	209	217	216	221	206	231	245	203	223	2,594
29	80	130	176	134	136	140	145	155	175	177	165	154	1,765
30	37	45	75	52	54	58	47	62	51	56	60	53	681
31	75	139	211	157	180	176	173	178	174	199	188	145	1,819
32	127	208	260	232	243	237	257	266	246	266	241	242	2,866
33	71	110	177	147	123	128	140	168	125	181	155	148	1,698
34	26	52	61	56	80	45	51	55	63	77	44	50	759
total	4,541	8,036	10,392	8,641	9,282	9,061	9,559	9,820	9,684	10,221	8,715	8,507	106,459
Per Day	146	287	335	288	299	302	308	317	323	330	291	274	



Ladder Company Runs

Ladder	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
1	76	157	168	147	123	135	150	175	163	183	142	155	1,774
2	71	134	156	110	120	98	106	132	113	156	114	115	1,425
8	66	131	156	134	125	117	124	137	129	150	109	120	1,498
10	70	120	138	121	118	107	118	122	100	133	110	111	1,368
12	52	115	156	110	103	106	119	114	89	127	124	106	1,321
13	79	127	154	131	150	134	124	148	154	130	148	138	1,615
15	64	125	137	116	127	113	113	94	111	132	123	118	1,373
22	37	77	57	70	72	77	53	77	68	75	56	57	776
23	66	121	452	111	154	120	120	136	121	136	132	129	1,498
24	71	145	146	113	136	153	135	132	140	147	134	129	1,581
26	30	51	91	55	74	55	77	62	58	75	63	69	760
27	21	39	52	36	36	48	41	29	36	34	42	40	454
28	47	77	75	70	92	85	95	72	81	103	83	99	979
32	35	68	57	69	79	56	59	72	53	63	65	76	752
33	18	49	54	49	41	61	51	62	51	54	43	56	589
totals	803	1,536	1,749	1,442	1,550	1,465	1,485	1,562	1,467	1,698	1,488	1,518	17,763
Per Day	26	55	56	48	50	49	48	50	49	55	50	49	



Other Company Runs

Rescue

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Rescue 2	145	197	277	249	274	257	285	280	305	321	253	290	3,227
Rescue 4	104	168	218	182	242	191	194	188	197	218	190	166	2,327
Rescue 11	54	52	64	84	84	77	100	80	88	58	85	103	956
Rescue 16	130	222	254	238	256	251	262	228	281	270	250	266	2,995
Rescue 17	89	175	209	200	210	183	192	230	166	236	200	192	2,351
Totals	522	814	1,022	953	1,066	959	1,033	1,006	1,037	1,103	978	1,017	11,856

EMS Supervisor

EMS 11	79	141	152	140	149	140	145	171	153	172	127	144	1,755
EMS 12	66	91	116	99	92	107	105	142	107	109	108	111	1,283
EMS 13	91	105	148	140	151	136	175	125	158	143	135	118	1,665
EMS 14	116	105	148	140	151	136	175	125	158	143	135	118	1,691
EMS 15	80	131	166	161	171	175	170	177	141	168	126	138	1,849
EMS 16	47	60	83	54	84	73	71	66	70	88	67	60	845
EMS 17	26	23	71	50	42	46	59	61	57	61	42	41	593
Totals	505	656	884	784	840	813	900	869	844	884	740	730	9,683
Per Day	16	23	29	26	27	27	29	28	28	29	25	24	

Battalion Chief

BN 1	100	219	250	197	208	164	185	220	201	216	175	191	2,382
BN 2	88	172	218	175	199	219	198	203	195	202	201	194	2,319
BN 3	113	193	214	202	191	208	189	230	243	239	194	202	2,477
BN 4	59	114	101	112	108	106	104	123	106	124	104	108	1,300
BN 5	71	140	207	150	153	145	186	165	136	174	148	160	1,880
BN 6	100	193	249	198	232	185	200	210	188	199	198	192	2,402
BN 7	44	88	96	73	95	78	96	66	75	71	79	88	970
Totals	575	1,119	1,335	1,107	1,184	1,103	1,158	1,217	1,144	1,225	1,099	1,135	13,401
Per Day	19	40	43	37	38	37	37	39	38	40	37	37	

Boat

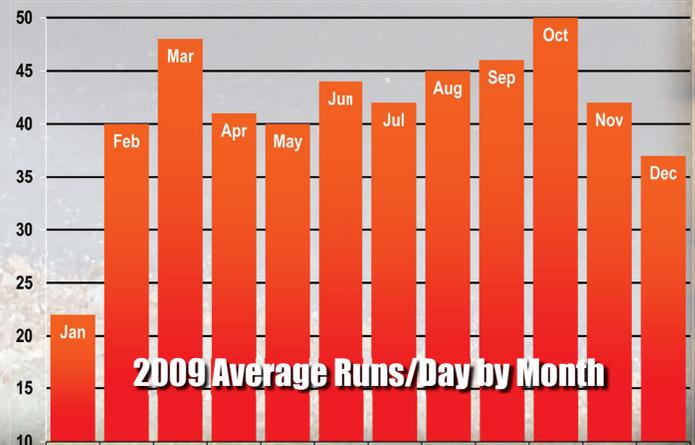
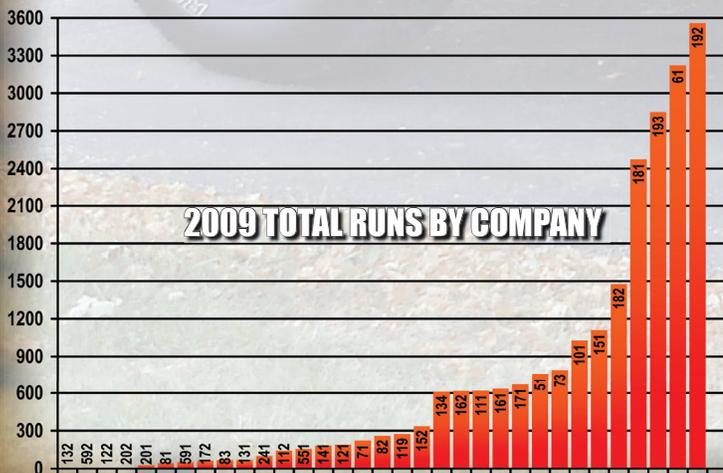
Boat 14	0	1	0	0	0	1	2	4	0	0	1	2	11
Boat 21	1	0	0	0	1	0	1	0	0	0	0	1	4
Boat 22	0	1	0	0	0	0	1	3	0	0	0	1	6
Boat 23	1	0	1	0	2	0	0	0	0	0	0	3	7
Boat 26	1	0	0	1	1	0	1	0	0	0	1	2	7
Boat 30	1	0	2	1	1	0	0	1	0	0	0	2	8
Totals	4	2	3	2	5	1	5	8	0	0	2	11	43

Other

Air Supply	1	6	7	9	5	5	4	5	6	1	0	0	49
Box 15	1	0	0	0	0	0	0	0	0	0	0	0	1
Bomb Squad 2	2	8	8	4	4	10	12	8	6	7	9	9	87
Decon 4	0	0	0	1	0	0	0	0	1	3	0	0	5
ES 2	0	3	3	4	2	1	1	2	1	2	0	0	19
Hazmat 4	0	4	8	0	1	3	3	4	2	2	1	0	28
Prevention 11	4	1	0	0	0	0	0	0	0	0	0	0	5
Prevention 12	0	1	0	0	0	0	0	0	0	0	0	0	1
Prevention 13	2	4	0	0	0	0	0	0	0	0	0	0	6
Prevention 14	1	1	0	0	0	0	0	0	0	0	0	0	2
Prevention 15	1	3	0	0	0	0	0	0	0	0	0	0	4
Prevention 17	3	3	3	3	3	3	3	3	3	3	3	3	36
Prevention 36	1	3	3	3	3	3	3	3	3	3	3	3	34
Prevention 37	0	2	2	2	2	2	2	2	2	2	2	2	22
ROW 1	97	114	108	118	116	105	154	168	214	185	157	110	1,646
SO1	0	1	0	0	0	0	0	0	0	0	1	0	2
SO2	37	43	54	32	36	32	37	41	34	31	35	45	457

Township Medic Company Runs

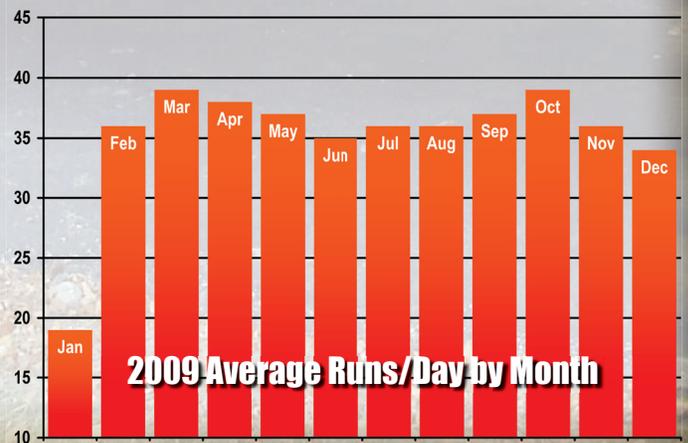
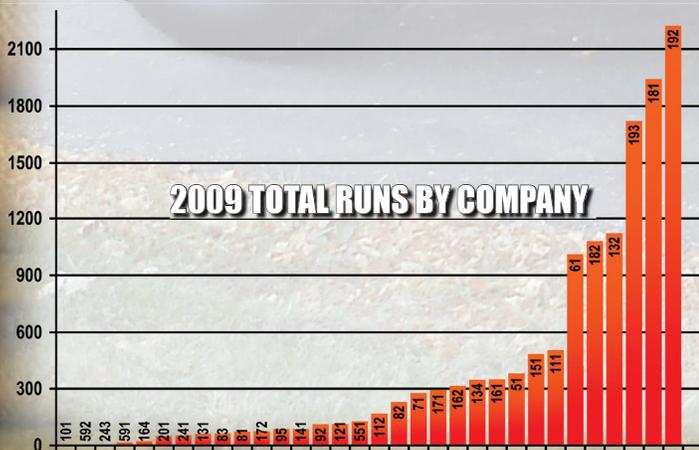
Medic	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
51	47	53	75	52	71	66	81	76	56	69	60	55	761
61	136	257	340	251	252	267	294	291	273	311	289	262	3,223
71	8	18	16	20	26	20	15	30	15	19	25	12	224
73	34	48	86	63	65	76	67	74	73	72	63	69	790
81	0	2	3	3	6	4	6	4	2	2	4	5	44
82	11	14	27	16	20	31	21	28	28	26	19	19	260
83	0	4	8	8	4	2	2	7	6	10	6	11	68
101	58	87	115	80	85	89	107	115	113	95	84	0	1,028
111	23	45	59	55	54	51	49	51	61	80	52	39	619
112	4	7	17	11	13	15	10	14	9	12	15	15	142
119	15	1	25	17	28	24	17	37	22	37	27	24	274
121	5	7	20	12	14	15	12	22	23	27	11	23	191
122	0	1	0	2	0	1	0	1	0	0	0	0	5
131	2	4	6	7	3	4	10	7	6	3	9	8	69
132	0	0	0	1	0	0	0	0	0	0	0	0	1
134	25	45	57	56	59	55	68	53	53	53	44	42	610
141	11	13	22	19	10	12	10	11	16	23	18	18	183
151	54	66	83	78	102	115	84	94	119	119	90	107	1,111
152	14	52	55	31	36	27	29	13	24	19	16	20	336
161	39	44	74	36	46	47	54	62	59	72	44	58	635
162	27	50	59	56	41	62	52	47	54	71	55	43	617
171	36	38	66	50	58	55	49	69	68	70	68	43	670
172	4	5	5	6	5	4	5	3	8	11	5	3	64
181	102	199	212	227	203	206	216	225	218	266	191	209	2,474
182	62	99	137	136	122	138	130	133	133	144	127	115	1,476
192	144	242	355	302	293	289	351	328	327	348	294	285	3,558
193	145	217	299	230	252	232	237	257	265	273	213	230	2,850
201	2	0	7	2	1	5	0	11	2	2	3	3	28
202	2	1	1	0	1	1	0	0	0	0	1	1	8
241	2	8	10	8	13	15	0	8	12	12	5	8	101
551	9	11	17	15	17	16	0	13	16	16	13	13	156
591	2	5	3	5	6	3	0	4	9	6	4	5	52
592	0	1	0	0	0	0	0	0	0	1	0	0	2
total	670	1,106	1,492	1,241	1,252	1,320	1,307	1,391	1,383	1,545	1,262	1,145	21,897
Per Day	22	40	48	41	40	44	42	45	46	50	42	37	



Township Engine Company Runs

Engine	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
51	18	25	41	38	30	26	37	38	22	45	24	37	381
61	40	80	85	87	96	97	87	82	84	104	94	75	1,011
71	10	28	26	24	32	22	27	15	18	25	18	32	277
81	3	9	8	2	6	8	8	7	4	6	4	8	73
82	8	11	32	20	17	17	23	21	24	22	18	17	230
83	5	4	5	5	9	3	8	1	6	6	1	11	64
92	8	8	13	12	8	6	9	9	10	8	12	10	113
95	4	7	7	9	10	12	8	6	5	7	6	6	87
101	0	0	0	0	1	0	0	0	0	0	0	0	1
111	19	32	61	53	33	53	35	56	53	47	20	45	507
112	13	8	8	14	16	11	10	16	14	21	17	21	169
121	5	4	14	8	13	6	9	7	12	17	12	7	114
131	2	9	7	7	4	4	7	4	3	9	5	2	63
132	50	96	101	79	91	85	121	85	91	133	100	90	1,122
134	15	21	39	33	26	37	32	17	27	27	35	38	347
141	6	6	3	6	8	6	4	7	15	9	9	8	87
151	15	41	52	52	48	42	34	35	37	45	47	47	487
161	14	24	29	24	40	34	32	28	42	32	27	24	350
162	14	22	31	23	43	30	31	20	23	28	28	23	316
164	0	0	0	23	0	0	0	0	0	0	0	0	23
171	11	31	24	26	23	27	23	30	30	24	21	23	293
172	4	7	6	9	5	4	7	12	8	3	5	5	75
181	90	165	183	177	167	146	168	195	166	182	145	15	1,942
182	58	76	104	103	103	91	98	106	96	70	96	79	1,080
192	99	165	204	191	181	190	212	197	183	220	202	179	2,223
193	89	137	186	144	144	148	138	148	156	150	142	139	1,721
201	0	1	0	6	5	4	5	3	8	11	5	3	51
241	3	8	2	3	9	3	3	6	5	5	4	4	55
243	0	0	0	0	0	0	0	0	0	2	2	1	5
551	5	12	10	16	12	10	8	7	9	10	15	14	128
591	1	0	2	2	1	1	2	1	3	1	1	1	16
592	0	0	0	1	0	1	0	0	0	0	0	0	2
total	585	1,000	1,222	1,140	1,138	1,086	1,139	1,113	1,120	1,211	1,073	1,054	13,047

Per Day 19 36 39 38 37 36 37 36 37 39 36 34





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