

Our Family Protecting Yours



SPRINGFIELD TOWNSHIP FIRE DEPARTMENT

2010 Annual Report

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MOTTO:

“Our Family Protecting Yours”

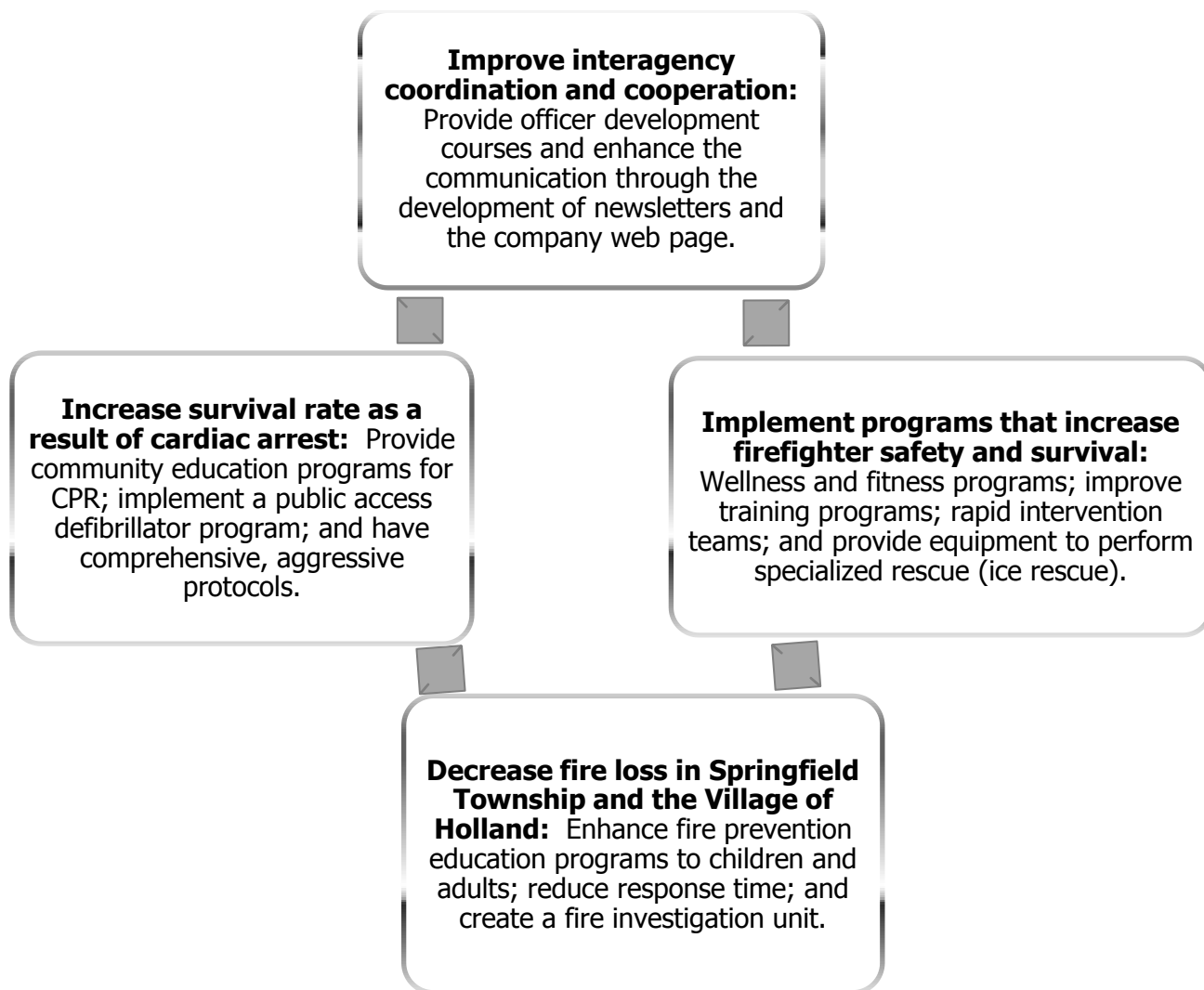
VISION:

Springfield Township Fire Department will develop a culture for responsiveness and adaptation in a constantly changing industry; by creating a dynamic system for growing and developing all members of the fire department.

MISSION:

Springfield Township Fire Department is dedicated to providing the highest quality of service to the citizens and visitors of Springfield Township and the Village of Holland communities; through our prevention, education and training programs.

Goals and Objectives



Employment Status		Years of Service		Rank		EMS Certifications	
Full Time	41	Less Than 1 Year	6	Fire Chief	1	None	6
Part Time	17	1-5 Years	13	Assistant Chief	1	Emergency Medical Technician	20
Casual	19	6-10 Years	13	District Chief	1	Advanced EMT	6
		11-15 Years	18	Captain	7	Paramedic	45
		16-20 Years	12	Lieutenant	4	Fire Certifications	
		21-30 years	10	Dispatcher	7	None (Recruit)	4
		More than 30 years	4	Firefighters	73	Volunteer	3
New Hires		Position	Date of Hire	Office Manager	1	Firefighter I	4
	Peter Ball	Paramedic/Firefighter	4/19/2010			Firefighter II	66
	Chad Born	Paramedic/Firefighter	4/19/2010			Hazardous Material Certifications	
	Nikole Heckman	Paramedic/Firefighter	4/19/2010			None	4
	Jacob Hoffman	EMT-I/Firefighter	4/19/2010			Haz-Mat Awareness	18
	Andrew Slife	Paramedic/Firefighter	4/19/2010			Haz-Mat Operations	48
Retired Firefighters		Position	Hired	Retired		Haz-Mat Technician	7
	Joseph Jazwiecki	EMT/Firefighter	9/22/2008	12/31/2010		Haz-Mat Specialist	0
	David Kallay	EMT/Firefighter	4/19/2010	12/31/2010		Specialized Training	
	Lynn Kokocinski	EMT/Firefighter/Disp.	2/7/2005	12/31/2010		Fire Safety Inspector	37
	Joseph Pettee	Captain	9/20/1983	12/31/2010		Fire Instructor	18
	David Rhoades	EMT/Firefighter	2/24/1992	12/31/2010		EMS Instructor	15
	John Ben Roberts	Paramedic/Firefighter	1/16/2007	12/31/2010		Assistant Instructor	9
	Tracy Taylor	Dispatcher	6/1/2009	4/8/2010		Incident Safety Officer	58
	Kenneth Thomas	EMT/Firefighter	9/21/2005	12/31/2010		CPR Instructor	13
	Douglas Yockey	EMT/Firefighter/Disp.	9/23/1985	12/31/2010			
Promotions		Jeffrey Merrill	Part Time	11/4/2002		Full Time 2/1/2010	

From the Chief's Desk

It is with the greatest sense of pride and accomplishment that the Springfield Township Fire Department Annual Report is presented for the 2010 calendar year. This report has been prepared to highlight the activities completed by each of the department's divisions and to provide information on the services offered by the department. The statistical data contained within this report is a testament to the professionalism and dedication of the Springfield Township Fire Department family.

2010 marked the five year anniversary of me being appointed as Fire Chief of the Springfield Township Fire Department. As I reflect back, I am reminded of the achievements the department attained during that period. Springfield Township Fire Department converted from a volunteer to a full-time paid fire department; that enhancement drastically reduced response times which decreases property loss and improves patient outcomes. We increased our 1st Responder EMS level from Basic to Advanced Life Support; we are the only department in Lucas County that provides that level of response on every incident.

Our fire department assumed responsibility for emergency response for the Village of Holland. This acquisition helped generate additional revenue for the department while enhancing the quality of service for the village and its residents. We developed professional relationships with fire departments adjacent to ours by initiating automatic response agreements; this will help increase the initial staffing levels at working fires to improve overall safety. The most recent ventures our department has been spearheading is the Countywide Consolidated Fire Communications Center. Springfield Township Fire Department moved its dispatch center downtown into the 911 building and has been discussing dispatching for departments in the county. We are currently dispatching for one other department and are talking to several others. This change enhances the quality of dispatching and generates some additional revenue for the department.

Springfield Township Fire Department aggressively pursues grant funding to help offset the cost of operations. We have been successful in receiving over \$500,000 to purchase capital equipment and supplies. We have purchased an ambulance, a rescue boat, firefighting turnout gear, self-contained breathing apparatus, monitor/defibrillators and station exhaust systems. These purchases are necessary and were accomplished with little township contribution.

In closing, I would like to thank you for the opportunity to lead this department into the future. It is my goal to make this department the best it can be through innovation and exemplary leadership. In 2010, we faced many challenges. I hope as we continue to face challenges we will be inspired to become the best that we can be. I appreciate your support, and look forward to a continued relationship of respect and trust. We want to improve where we may be weak and grow in our jobs and show the community how well we can perform our duties.

Yours in prevention, education, and protection.




Barry G. Cousino
Fire Chief



Chief Cousino began his tenure in the EMS field in 1985. He joined Springfield Township Fire Department in 1996 as Deputy Chief. A short time later promoted to Assistant Chief. Since 2005, he serves the department and the community as Fire Chief and strives for prevention education and protection of employees and citizens.

From the Assistant Chief's Desk



Richard T. Helminski
Assistant Fire Chief



Assistant Chief Helminski began serving the department and community he loves and lives in 1992. Working in the fire and EMS fields later took him to his promotion as a Lieutenant in 2001. He has served in the capacity of Assistant Chief since 2006.

Assistant Chief Helminski strives in obtaining grants for equipment and services for the community and employees.

It's often a question asked by many including myself but where has the year gone. It seems that I was just typing up my 2009 annual report letter and here it is the 2010 report. It never ceases to amaze me what this fire department can accomplish together as a team. We have continued to progress in our training and personnel accomplishments with the addition of four newly trained State of Ohio Paramedics; three Firefighter II professionally certified firefighters and hundreds of hours of continuing education hours. Our department continues to be out front in developing, evaluating and instituting new products, policies and procedures that effect firefighter safety and ultimately improve patient care.

As I reflect back on this past year one event stands out the most which I describe as historic for our department and that is our communication center moving downtown to the 911 building. With some slight hesitation due to the unknown this transfer has been virtually seamless. The smooth transition is directly attributed to our dispatcher's professionalism and willingness to improve department operations. It wouldn't be fair if I didn't recognize Lucas County EMS personnel, without their help this project potentially may have struggled to get off the ground. Some of the enhancements available to our dispatchers by moving to the 911 center have been the ability to communicate and monitor multiple channels and departments all from one computer counsel which in turn improves firefighter safety. We continue to observe the benefits of moving to the 911 building on a daily basis and I sincerely appreciate all the sacrifices and hard work that the dispatchers have put forth, truly a job well done!

Much of our focus adheres to firefighter safety and wellness which leads me to our next major accomplishment in 2010 which was the installation of vehicle exhaust capture and removal systems in all of our fire stations. Hazardous diesel exhaust in a fire station is a fire fighters most significant health risk. Diesel exhaust contains various particles and gasses that pose a health hazard. Exposure to these items can seriously affect the health of a person such as damage to lung tissue, lower body's resistance to respiratory infections and worsen chronic lung diseases, such as asthma. Other benefits that will occur with the capturing system include: the safety of community members who utilize the stations for events, eliminate surface contamination as well as cross contamination of medical equipment and supplies and more importantly comply with industry standards such as NFPA 1500 occupational safety & health.

One of the things that our fire department is very proud of is its motto "Our Family Protecting Yours" which is displayed on all of our vehicles and it certainly showed this past June when a tornado struck Northwest Ohio. Our department as well as Public Works sent resources to the Northern Wood County, and the City of Millbury in Ohio where an F-4 tornado touched down causing miles of destruction and sadly the loss of life. The township recognized that a community was in need and within hours had resources in place assisting with rescue and recovery efforts.

The success of this fire department and the Township as a whole isn't that of one individual but because of teamwork. Vince Lombardi said it best: 'The achievements of an organization are the results of the combined effort of each individual' and I believe it to be true for Springfield Township. Thank you, and may everyone prosper in 2011.

Local IAFF 3544 News



The close of another busy year has come. 2010 was a busy year for members of IAFF Local #3544. Not only helping to protect the lives and property of the residents of Springfield Township but those travelers that pass through our jurisdiction every day. We strive to provide protection to the residents of Springfield Township as safely and efficiently as we can.



Throughout the year we donate our time to help charities raise funds for their cause. This year we raised money for MDA and the Harry Patton Scholarship fund. We provided five scholarships totaling over \$2500 to students for their college education. We donated time to other departments to provide relief for their on duty personnel during events that their members needed time to mourn the loss of family.



This year eleven members received the Star of Life award. This recognition is awarded by The Ohio Trauma Society for cases in the field where excellent care was provided to a patient in need. The patient's life was saved or significantly impacted by the excellent care they received. It is believed by many in EMS that this award is a once in a career award. Although the circumstances aren't always pleasant to witness, the brave recovery of the patient has been inspiring to us on the department to follow and watch. We continue to follow this patient's progress and wish them well in their future endeavors.

We constantly train in the fire service to be ready for anything the world can throw at us. To improve our response to incidents and improve our medical treatment to patients this year several members traveled as far as Las Vegas and Colorado to attend training sessions to bring back information to the rest of the department. This training was made possible through grants.

We look forward to a safe and healthy year in 2011 and hope to see our residents at our many public events.

Justin Eccleston

President

IAFF Local #3544

Captain of Support Services



Repair, replace, resolve, rebuild, remove, rewire, repaint and respond. These words describe an average day for me in the Support Services Division of the Springfield Township Fire department. In 2010 I added a new word; Research. Beside the daily routine of repairing and maintaining the fleet of 18 vehicles and three fire stations, I completed research to find the best equipment at a cost effective price during this tough economy.

Due to this the fire department has been able to install vehicle exhaust systems at all three stations. The final process on the Plymovent Systems should were completed in the beginning of the 2011 year. The system safely removes the vehicle exhaust along with the carbon monoxide from the interior bays of the stations. This makes for a safer environment for the crew members on duty both day and night.



Research also began early in 2010 to build a new fire engine to replace an existing engine that is almost 30 years old. This engine will carry Class A Foam as well as water to assist in fire suppression. Class A Foam is used to help extinguish fires that burn as result of different fuels as well as assist with some of the new materials used in new generation construction. The new engine is estimated to be in service in May of this year.

I would like to extend a thank you to all those on the truck committee that assisted in designing this engine to the best resource it can be for our township.

Support Services was able to save the department and taxpayers some money this past year by auctioning off items that have been removed from service by the department. The items included that sold via a government auction website included firefighting gear, out-of-date radios, steel air bottles that have been replaced by lighter weight composite materials and a rescue vehicle removed from service. Due to the success of the auctions I will look to this again in the future as a way to save money for the department.

I am sure that 2011 will bring some new and some old challenges that hopefully I can keep cost effective while still maintaining the highest level of safety for our crews and residents at all times. I am sure I will have the usual rebuild, resolves, repairs and always replacements (especially when it comes to light bulbs at station 3) and still be ready to respond when needed.

Michael Kokocinski

Captain of Support Services



Communications

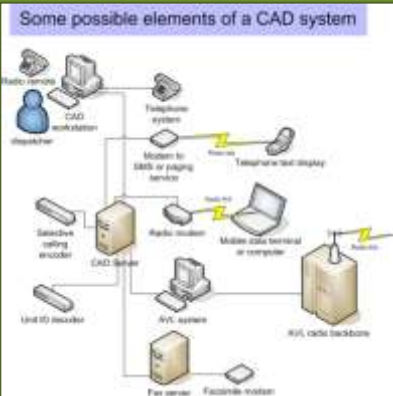


2010 was another fast moving year for communications in Springfield Fire Department. Not only were our dispatchers getting use to the new equipment and the move to the 911 center in downtown Toledo, we also started dispatching for Whitehouse Fire Department. Springfield Township Fire Department dispatched 2688 incidents for Springfield, and an additional 421 incidents for Whitehouse, for a total of 3109 incidents. This was an increase of an additional 568 incidents over 2009. A new Communications Manual was created to assist in the equipment changes and new procedures.

One of the changes we accomplished in 2010 was changing our toning and alerting system over to the 800 system. We were still toning out our stations for incidents on the old UHF system. Now we are able to tone multiple stations quicker and easier for incidents such as structure fires and injury accidents. Also new MDT's were installed by Lucas County in fire department apparatus. The Motorola ML 900's are more flexible, versatile and durable than in the past. The new MDT's have air cards that enhance our communication capabilities.

Another county wide change that Springfield Township Fire Department started using in December of 2010 was a new numbering system for all stations and apparatus in Lucas County. In the past, most fire departments used the same numbers for vehicles. This got confusing when mutual aid was given or received and 2 separate departments were using the same vehicle numbers. Now every station in Lucas County has a different number, and all vehicles responding from those stations are numbered accordingly so no numbers are duplicated. The rest of the county went online in early January.

In 2011 we are looking forward to a new county wide Computer Aided Dispatching system. This system is a major upgrade to our current system and will assist in dispatching and even report writing.



Respectfully submitted,
Robert Wepler
 Captain of Communications



Operations



The year 2010 is over and it's time to reflect back on some of our accomplishments with incidents or drills. We ran 2688 calls for the year; an increase of 147 total calls. Fire calls increased slightly however losses were substantially lower. We had no loss of life during any of these structure fires. Although EMS calls for service experienced a slight increase these numbers remain encouraging.

Educating the public remains a priority for the department as a whole. One way to make a safer community is by informing the public on how to accomplish safety. We continue to be proactive by educating our citizens that safety starts with you. With the assistance of personnel, this is accomplished with fire safety presentations, CPR and first aid courses, and school in services; many citizens are being reached. Captain Hess continues to work with the schools by instructing students and teachers on CPR and first aid course and as well as crash scenarios around prom time. With our presence and interaction with the schools, maybe these young adults will pursue a career in the fire and EMS fields. Our motto, "Our Family Protecting Yours" fits in with what we do here in Springfield Township.

Personnel continue to with their education by furthering their knowledge in the fire science field. Quite of few obtained their certification as a State of Ohio Paramedic and became level II firefighters. We have added some new recruits to the family and have adjusted well with department rules, training and the standards of operations.

Furthermore in our training department this year we included use of our dispatchers during Mayday drills, conducted scenarios to include Rapid Intervention Team (RIT), a Denver Drill, and breaching walls. Our Smart Board continues to be used at its full capacity during drills. This is a great enhancement for instructors and students in the training program. In the EMS field, we have added switched to the King Airways and easy IO's for patients in respiratory distress.

We have had some challenging incidents throughout the year. Extrication from vehicles seemed the most challenging. Vehicles on their side or in the water are those that are rare in nature. One specific vehicle on its side required three wreckers to stabilize it in order to raise the vehicle and extricate the victim. Another challenge for 2010 was a vehicle found in a neighborhood pond. Placement for water craft and divers were activated extricating the vehicle from the water.

Pre-plan information obtained by crews throughout the year, once again was another step forward in crew safety. In conducting pre-plans our crews become familiar with the contents located in the structure and the layout of the building. We have recently transferred pre-incident plans to digital format. This allows access to building content and layout information while on fire scenes.

Another transition into the future our department encountered is called When to Work. This program allows crews to maintain shift schedules, trades, vacations and sick leave in real time. This online scheduling system allows personnel to view the schedule and reduces paper usage.

The PlyMo vents have been installed and in operation, so we should be inhaling cleaner and healthier air at the stations.

The automatic mutual-aids have been working well for us. Mutual aid requests were activated 22 times last year to all of our surrounding entities. We assisted Monclova 10 times, 6 to fill in and 4 to the scene; Sylvania seven times with 6 fill in's and 1 to a fire; Spencer 1 time to a woods fire; and Toledo 4 fill ins.

Respectfully,

Blair Wise

Captain of Operations



Lieutenants

The accomplishments for the year 2010 include the migration of the scheduling of employees from the combination of hand written and excel format to a commercial product called "When to Work". This product not only streamlines the scheduling process but gives the department the ability to make updates in real time and the ability to view those updates at a moment's notice from anywhere. It is a web based scheduling product that all employees have access to, can post their availability one month at a time and indicate when they won't be available to work. This allows for the department to change the schedule on a daily or even hourly basis while keeping all employees and the administration informed as to who is working where and when. This product has minimized the amount of time spent publishing the monthly schedule as well as reducing the amount of printed copies of the schedule. With this being a web based scheduler the need to print the schedule is virtually eliminated.



Three of the four lieutenants had the opportunity to attend specialized training courtesy of the Department of Homeland Security and FEMA in Pueblo Colorado in 2010. The training is offered throughout the year and the department was able to send the three at different times throughout the year. The training, travel and the employee's replacement expenses were all covered by a grant from the federal government. The training topics attended were Tank Car Specialist course which deals with train tanker car situations involving hazardous materials and or weapons of mass destruction. The training provided detailed technical information combined with extensive hands on practice of the actions and the appropriate responses with simulated large scale HazMat/WMD incidents. With the amount of train traffic traveling through the center of our Township we feel this training is invaluable.

Also, the lieutenants had the opportunity to attend the Highway Emergency Response Specialist class. This training focuses on specific fundamentals and skills associated with an emergency response to a highway incident involving weapons of mass destruction or weapons of mass effect. Both of these training classes offered the attendees a level of training in a highly technical training environment that is not offered locally. They will be able to bring back lessons learned in the training and incorporate those lessons into the weekly training schedule to share their experiences with the rest of the department.

Collectively,
Springfield Township Lieutenants



Lieutenant David Moore



Lieutenant Daniel Ball



Lieutenant Charles Butler, Jr.



Lieutenant Jason Bowman

Community Outreach



Did you know....?

- ♥ Cardiopulmonary Resuscitation (CPR) was first established in 1740 when it was recommended for drowning victims.
- ♥ Less than one-third of sudden cardiac arrest victims receive CPR bystander CPR.
- ♥ The incidents of out of hospital sudden cardiac arrest in high school athletes ranges from .28 to 1 death per 100,000 high school athletes annual in the United States.
- ♥ In 1891, Dr. Maass was documented as the first equivocally documented chest compressions in humans. Later in 1903, Dr. Crile reported the first successful use of external chest compression in human resuscitation.
- ♥ Studies have shown that children as young as 9 years old can learn and retain CPR skills.
- ♥ Mouth to mouth resuscitation was invented in 1957.
- ♥ 1960 records when American Heart Association (AHA) developed a CPR program to acquaint physicians with close chest cardiac resuscitation and became the forerunner of CPR training for the general public.
- ♥ According to statistics, EMS personnel treat about 300,000 victims of pre-hospital cardiac arrests each year in the United States.
- ♥ Later in 1981, a program to provide telephone instructions in CPR began in Washington. The program used dispatchers to give directions while EMS personnel were en route to the scene. Dispatcher assisted CPR is now standard care for dispatcher centers throughout the United States.
- ♥ Effective CPR can double or triple a victim's chance of survival.
- ♥ The most effective rate for chest compressions is greater than 100 compressions per minute-the same rhythm as the beat of the BeeGee's song "Staying Alive."



As the community outreach officer, my main objective is to provide the businesses, schools and organizations of Springfield Township and the Village of Holland with AHA CPR and first aid training. The training is provided free of charge. The only cost incurred is a minimal fee for the AHA card.

In 2010, a total of 10 courses were instructed in the township and village which included over 200 participants in attendance for the training. Many that attended expressed positive feedback about the training including the ability to receive this instruction free of charge.

One of my top priorities in 2009 was to establish a dialogue with the school's administration to create a curriculum within the high school that would provide CPR and first aid to all seniors before graduation. This goal was accomplished in 2010, when 85 students were successful trained in CPR, and anticipate more in 2011.

In closing, I would like to thank the firefighters, Chief Cousino and Assistant Chief Helminski who assisted me in providing an invaluable training to the men and women who work and live in the community.

These classes let us show the dedication and commitment to the people who live and work in the township and village.

Yours in education,
Heidi Hess
 Captain

CPR statistics belong to AHA.



Training



With the average firefighter today having to attend between 120- 240 hours of initial training to be certified in the State of Ohio the question always comes up “why do we need training?”

Well the answer to this is we are required to train on so many mandatory topics such as ladders, self contained breathing apparatus, ropes, and hose handling that little time is left to learn about self improvement or topics that we have a limited comfort zone with, as in building construction, confined space rescue, and Hazardous Material response.

Also we train to be prepared for the one thing we hope never happens, like large scale casualty incidents, natural disaster's related to weather or acts of terrorism. Both remain a possibility that we as the Fire Department will respond to and efficiently regain control and help the Township and its resident regain their feeling of security.

With this in mind the Training Bureau over the past year has not only spent time training on the mandatory items but other less used skills such as water rescue , aviation response, railway emergencies, and in cooperation with the Fire prevention Bureau the pre fire planning of area businesses and neighborhoods.

The Springfield Township Fire Department in cooperation with the Local Emergency Planning Committee sent two members to Colorado for a class on Highway Emergency Response Specialist that taught them how to respond to a highway accident involving hazardous material; this program was completed by a grant and at no cost to the Township residents.

Recently the Fire department conducted a class that allowed three members of the department to continue their education and complete the requirement for Firefighter II a level called Professional firefighter and also have four employees who have been certified as Paramedics this year.

Springfield Township has also teamed up with other area departments to work on collaboration of mutual aid responses and common policies for the training of crews in rescue of trapped or injured firefighters or RIT crews all in the interest of firefighter safety and wellness.

Our EMS training has been geared towards reemphasizing mastery of basic life support skills as well as ways to improve the service provided and with new equipment being purchased, such as power cots that reduce the risk of back injuries to the EMT'S. We also continue to work on ways to remain on the cutting edge of not only technology but education.

The training opportunity is created by making time and basic resources available. By addressing these gaps in knowledge, skills, and abilities, the department will become stronger and safer, and continue to be “Our Family Protecting Yours”.

Yours in training,
William Montrie
 Captain of Training



Fire Prevention



The goals of the Fire Prevention Bureau are to minimize the risk of life and property loss from fire. This is accomplished through fire safety education, code enforcement, plan review, construction and remodeling reviews and business occupant inspections.

Public Relations: As always education is an essential part of the fire service. With the assistance of the duty crews, we instructed fire safety programs to students in our schools, day care facilities, and Cub Scout, Girl Scout and Boy Scout organizations. Lesson plans are developed based on the age of the audience which can include, knowing two ways out, establish a safe meeting place outside, crawl under smoke (stay low and go) and never play with matches or lighters. We continue to use our fire safety trailer and hazard house as valuable visual props.

Safety Town: This year marked the thirteenth year of our Safety Town program and the eighth year with the Village of Holland's Police Department. Together we provided (2) two-week sessions that provides safety lessons for over 200 students. We bring in speakers to teach the students in topics such as: pedestrian safety, water safety, poison safety, stranger danger, fire safety and many more. This program is provided free of charge and continues to grow every year, and has become well known within and outside of our community.

The Great Escape: Elementary students participated in the Great Escape again this year. Children along with their parent's assistance are asked to draw a diagram of their home and map two ways out of each room, and establish a designated safe meeting place outside of the home. In conjunction with this effort, the tornado sirens sound county wide on the second Wednesday of October at 7:00 pm to encourage families to practice their escape plans. The local school with the highest percentage of returned plans is recognized with a plaque to display within their school. This year's winner was Holland Elementary School with 89%.

Community Outreach Program: Local businesses are continuing to request our free of charge class in "fire extinguisher use in the workplace". We received a new electronic fire extinguishing training system which will allow us to instruct area business employees without the cost and mess of using powdered extinguishers. This system can be used indoors or outdoors and uses a laser or water mist on a screen.

Facility evacuation plans are also being developed, reviewed and exercised with area adult care facilities and local businesses.

At the conclusion of all public relation events, free fire safety literature is made available and distributed.

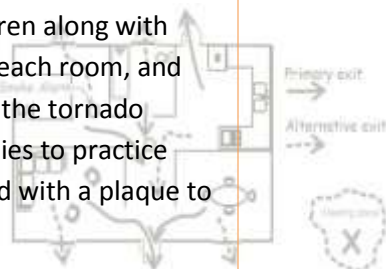
Smoke detectors continue to be offered and distributed to the residents of Springfield Township and the Village of Holland free of charge. Anyone interested in receiving free smoke detectors may stop by any of the three fire stations or contact the Fire Prevention Bureau.

It is anticipated that 2011 will be another productive year in instructing our community in the area of fire prevention. The fire prevention bureau with the assistance our firefighters will continue to reduce and prevent fires and fire related injuries or deaths.

Yours in prevention,

David Bennett

Captain of Fire Prevention

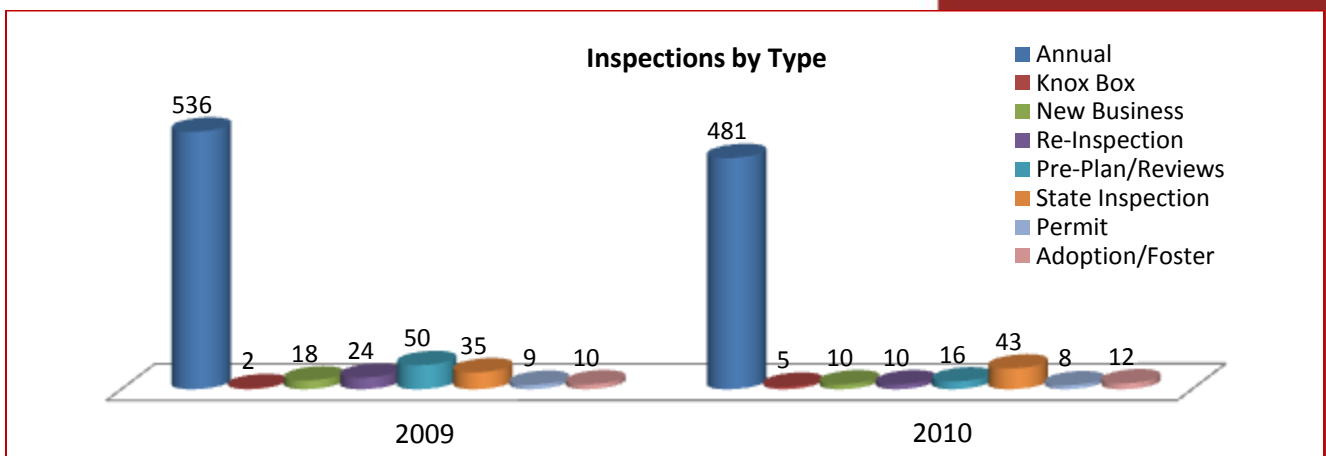
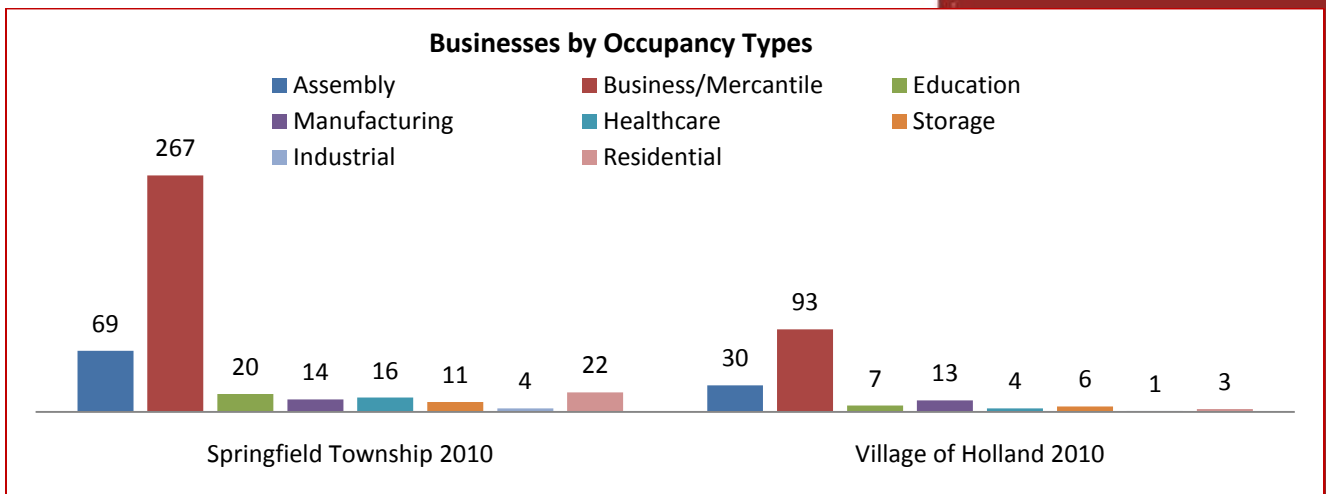


Inspection Bureau

A well planned and executed fire prevention and inspection program is the most effective way to accomplish the goal of preventing unnecessary fire losses. Through inspections the inspector can make recommendations and subsequently controlling and eliminating hazardous conditions. This will make major strides towards accomplishing this goal before a fire occurs.

A total of 555 inspections were conducted in the Township and Village of Holland this year. Fire safety inspections ensure compliance of the **Ohio Fire Code** and include inspection types such as adoption/foster homes, schools, tents and fireworks displays.

Most businesses are inspected on an annual basis, with some more frequently depending on the occupancy type and need. Below is a list of inspections completed this year.



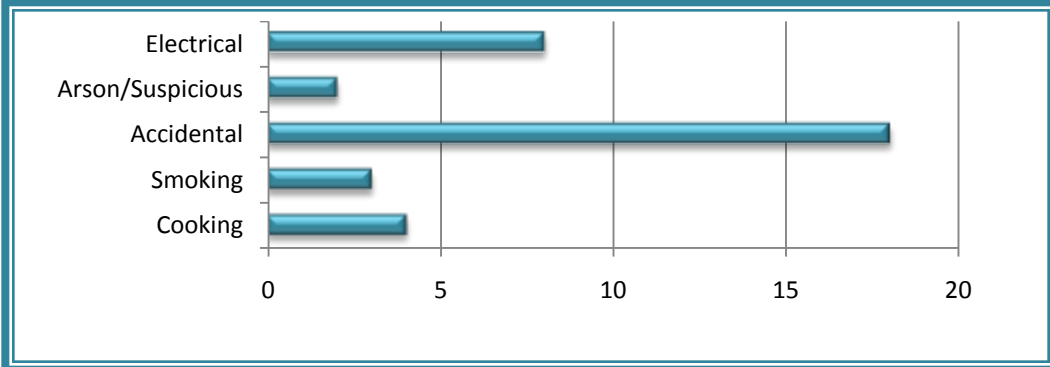
New Construction

The Fire Prevention Bureau in conjunction with the local Building Departments reviews and verifies code compliance through the Ohio Basic Building Code and the Ohio Fire Code thru site plan reviews on all new construction or re-modeling projects. These site plan reviews provides the local fire official with the authority to enforce the set building and remodeling standards established in both codes, as well as implementing and requiring additional items such as the installation of access boxes (Knox Boxes). A Knox Box allows our personnel to gain entry to the structure using a key provided and placed into the Knox Box. This allows timely entry without the destruction of entrance ways in the event of a fire or rescue alarm. The following plans were reviewed in 2010:

Business Name	Address	Instruction Type
Bubba's Truck Repair	2701 South Eber Road	New Business
Powerline Physical Fitness Training	1801 North McCord	New Business
America's Best Optical	1460 Spring Meadows Drive	New Business
Roth Automotive	942 Holland Park Drive	New Business
Dreamline Coaches	1049 South McCord Road	New Business
Regency Beauty Institute	1554 Spring Meadows Drive	Remodel/ New Business
Verizon Wireless	1331 South McCord Road	New Business
Rescue Automotive	6634 Centers Drive	New Business
Hidden Lake Apartments	7777 West Bancroft Street	New Business
The Wing Station	1801 North McCord Road	New Business



Investigation Bureau



Cause of Fires	Dollar Loss
Accidental	\$73,960
Arson/Suspicious	5,850
Electrical	117,300
Mechanical	7,400
Undetermined	171,250
Cooking	83,350
Smoking	17,200
Total	\$478,310

Type of Fires	Number of Fires	Dollar Loss
Structure/Residential	32	\$216,610
Structure/Commercial	06	55,600
Vehicle	12	206,100
Total	46	\$478,310

The Investigation Bureau is a task force unit comprised of certified investigators. The bureau is responsible for the investigation of accidental and incendiary fires within the Township of Springfield and the Village of Holland to determine the origin and cause of each fire. The bureau is dedicated to the professional, accurate and thorough investigation of fires to arson and fraud, reduce property losses, and prevent future injury and loss of life.

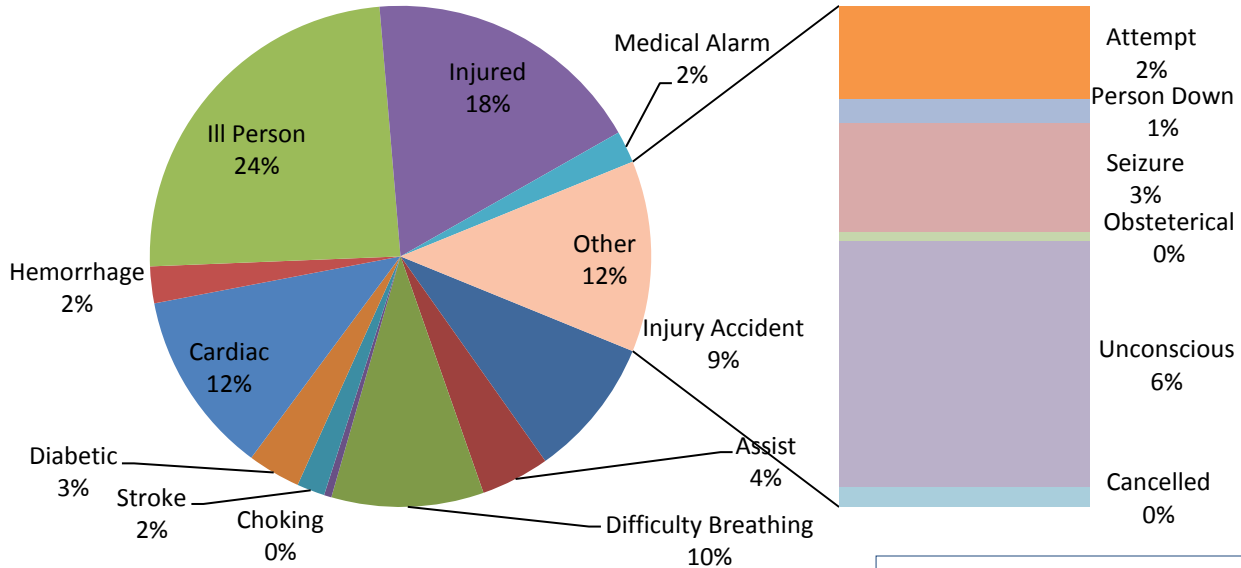
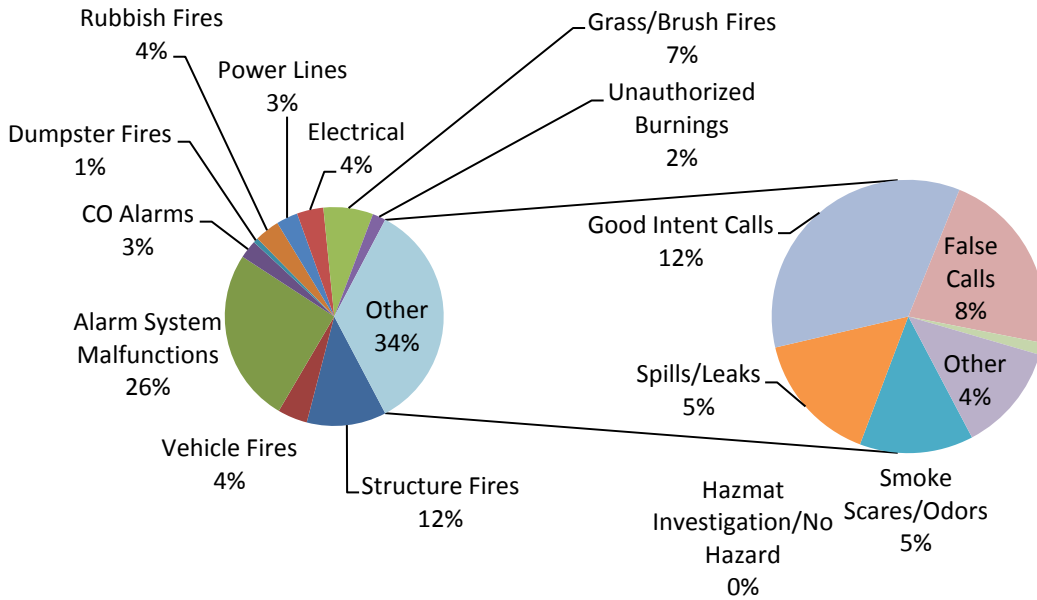
Run Statistics by Type and Month

2010 EMS Calls													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total
Injury Accident	14	12	18	21	15	11	28	21	16	21	11	18	206
Assist	12	7	8	8	12	7	12	8	7	6	7	7	101
Difficulty Breathing	27	19	13	16	21	15	28	19	16	17	19	14	224
Choking	0	0	0	1	1	2	3	1	2	0	0	1	11
Stroke	3	5	3	5	4	1	3	2	3	3	5	4	41
Diabetic	9	6	4	3	8	5	8	10	4	9	5	7	78
Cardiac	23	20	29	22	23	21	14	21	17	28	28	24	270
Hemorrhage	7	7	2	4	5	3	6	4	3	6	2	5	54
Ill Person	44	35	41	40	45	52	50	54	50	39	45	59	554
Injured	37	28	35	24	48	39	37	36	29	41	30	29	413
Medical Alarm	5	2	6	4	4	6	2	6	4	4	2	2	47
Attempt	4	0	10	3	1	4	6	7	12	1	3	1	52
Person Down	1	2	2	0	1	0	2	3	2	1	0	0	14
Seizure	6	2	7	5	4	6	3	7	4	6	7	4	61
Obstetrical	1	0	0	0	1	1	0	0	0	1	1	0	5
Unconscious	8	8	10	7	9	15	16	12	15	16	10	12	138
Cancelled	0	1	0	2	0	2	1	1	2	1	0	1	11
Total EMS Calls	201	154	188	165	202	190	219	212	186	200	175	188	2280

2010 Fire Calls													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total
Structure Fires	7	5	5	3	4	2	2	5	5	3	4	3	48
Vehicle Fires	1	0	3	1	1	1	2	3	3	1	1	1	18
Alarm System Malfunctions	6	15	5	16	10	13	4	7	4	9	6	10	105
CO Alarms	0	4	0	0	1	1	0	1	1	2	1	0	11
Dumpster Fires	0	0	0	0	0	1	1	0	0	1	0	0	3
Rubbish Fires	0	0	0	2	0	2	2	4	1	2	1	1	15
Power Lines	3	1	4	0	2	1	1	0	1	0	0	0	13
Electrical	1	0	1	0	3	1	3	1	2	1	1	2	16
Grass/Brush Fires	2	1	4	1	4	1	4	1	4	4	3	1	30
Unauthorized Burnings	0	0	0	2	0	1	3	0	1	1	0	0	8
Smoke Scares/Odors	3	2	1	1	2	0	1	2	2	1	1	3	19
Spills/Leaks	1	1	2	4	3	1	2	2	1	3	0	2	22
Good Intent Calls	2	1	0	4	4	9	4	0	9	7	8	1	49
False Calls	0	0	0	1	0	6	8	0	5	3	3	5	31
Hazmat Investigation/No Hazard	0	0	0	0	1	0	0	1	0	0	0	0	2
Other	1	0	1	1	1	3	4	1	1	1	3	1	18
Total Fire Calls	27	30	26	36	36	43	41	28	40	39	32	30	408

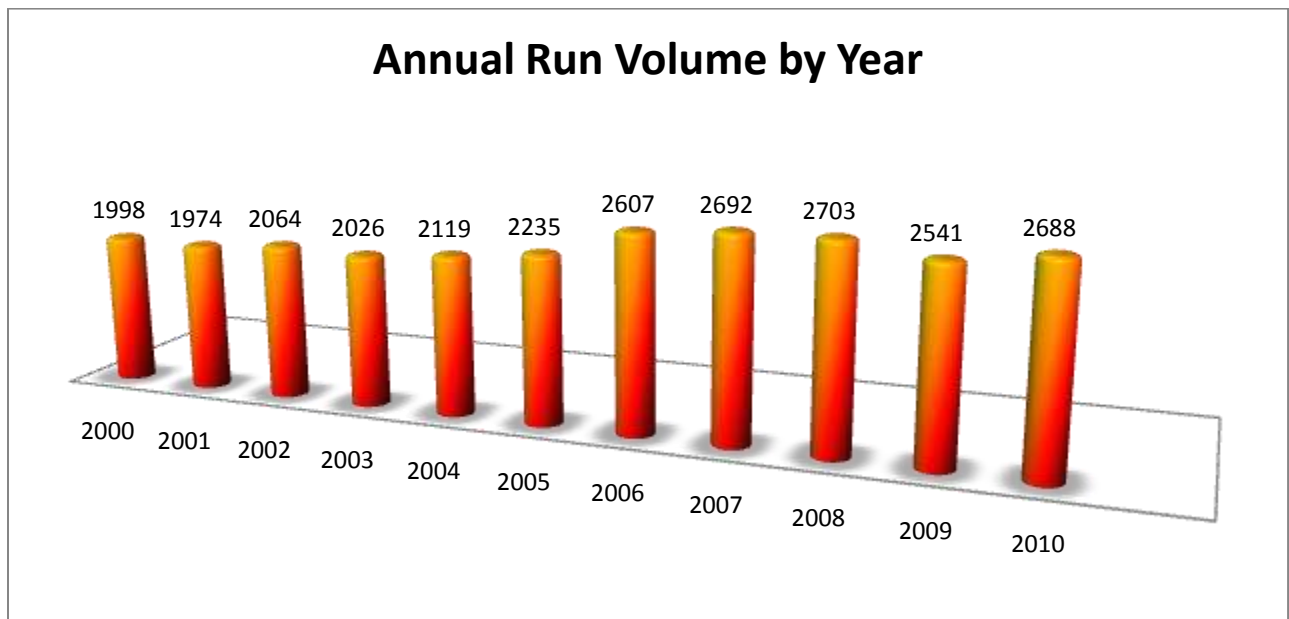
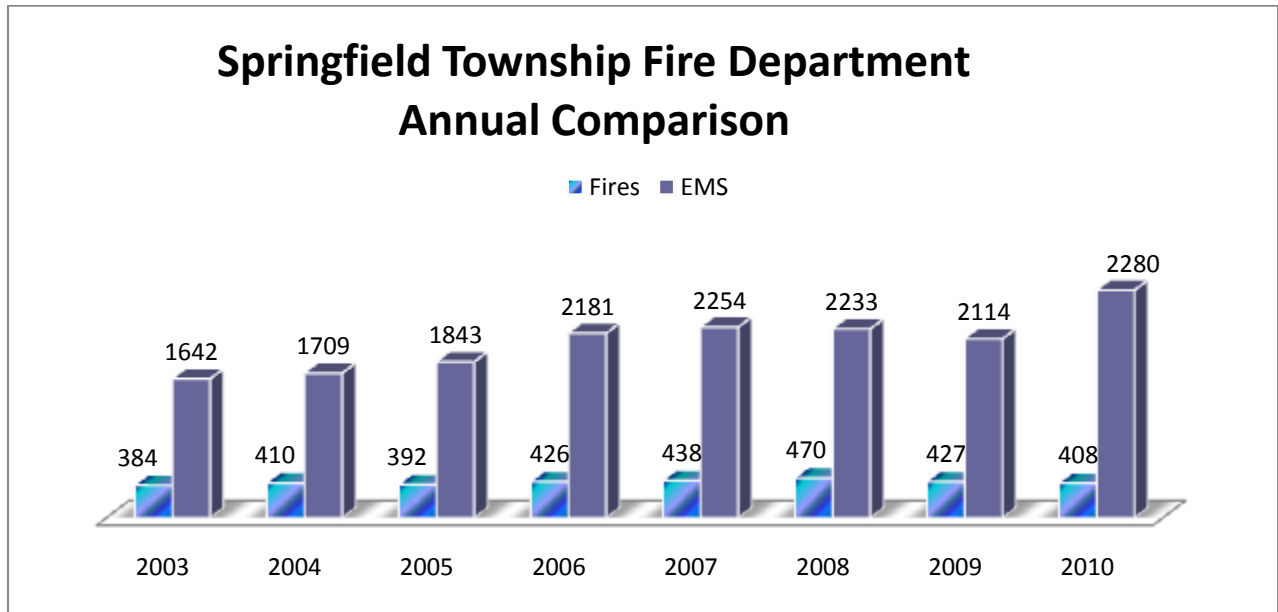
Calls by Type of Service

2010 Fire Calls by Type of Service

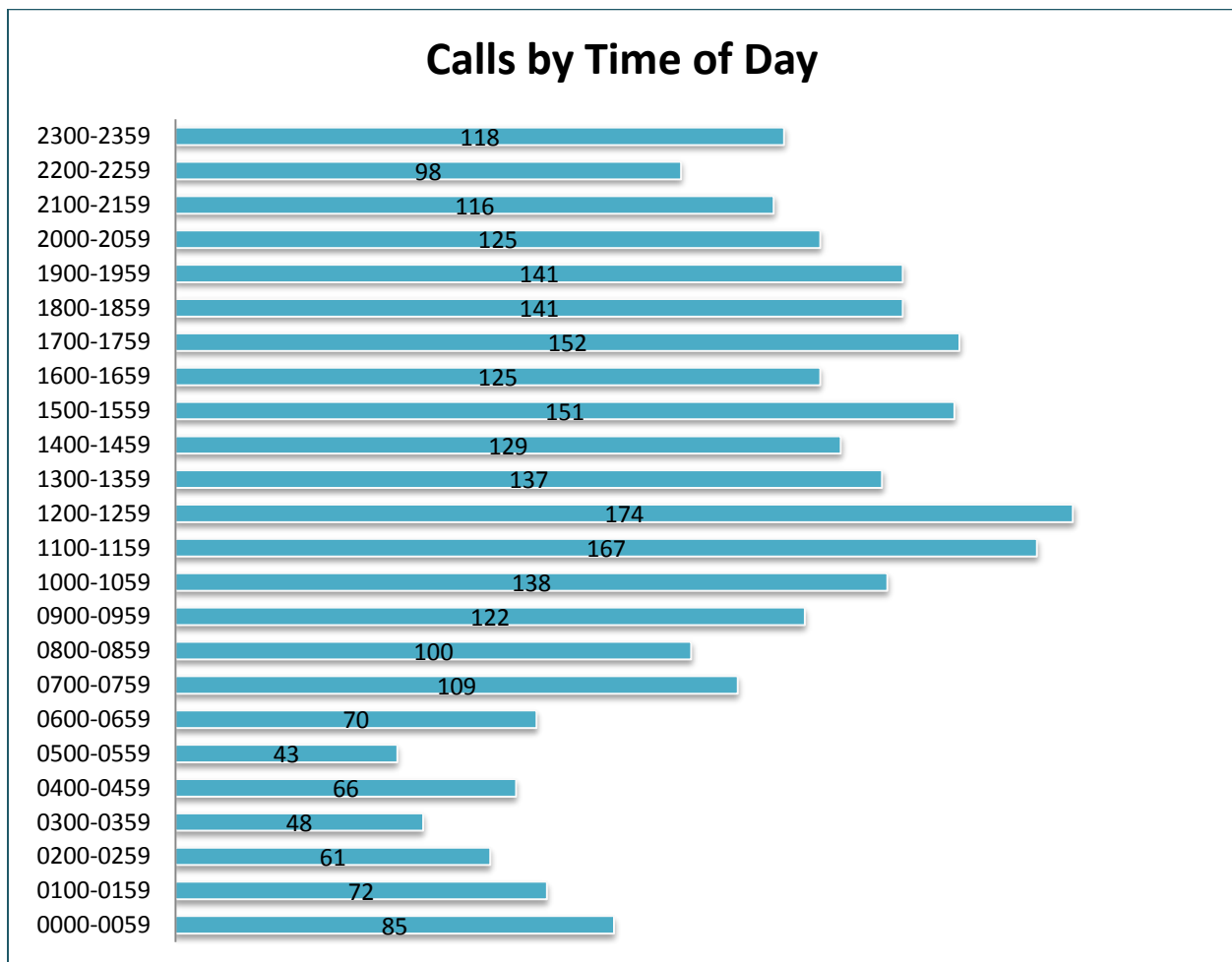
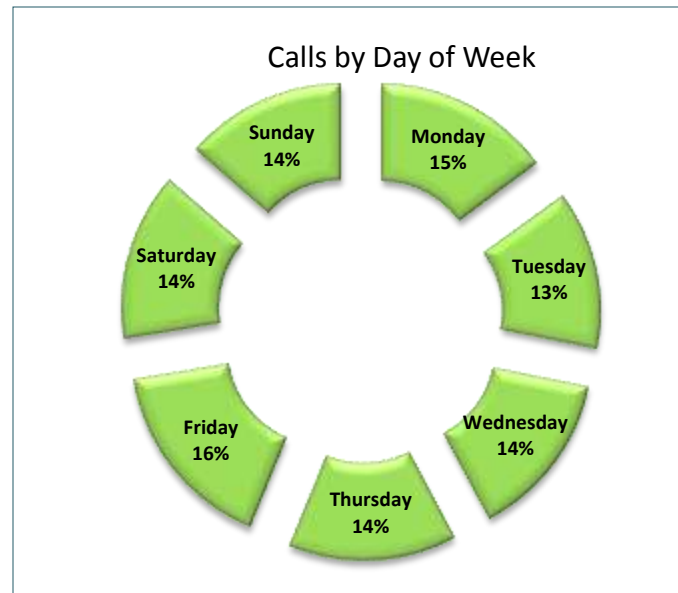
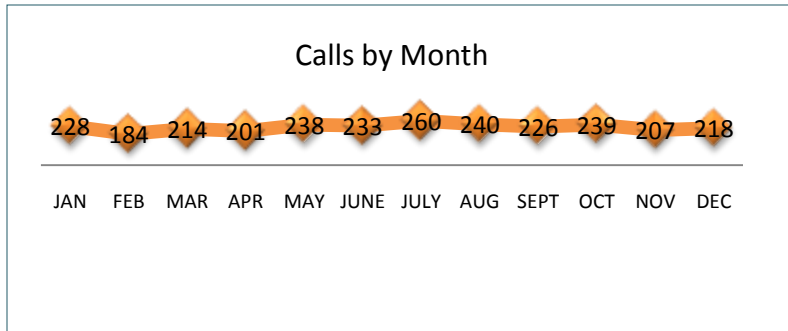


2010 EMS Calls by Type of Service

Annual Comparison

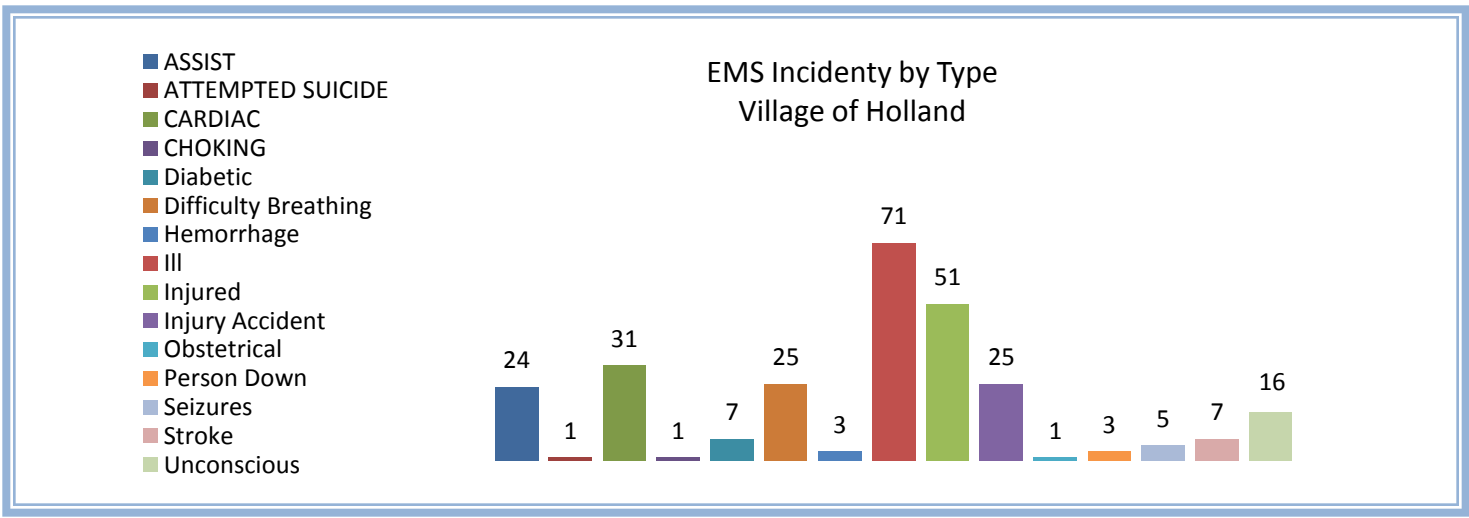
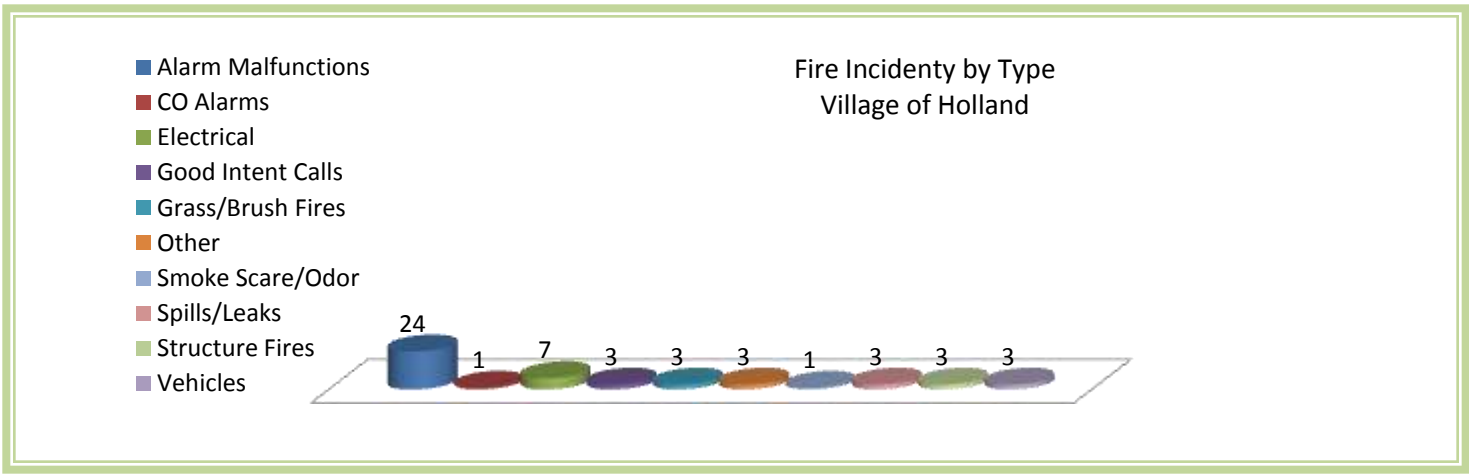
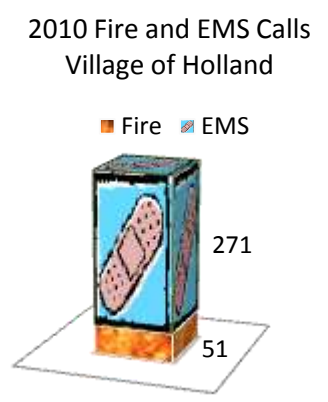
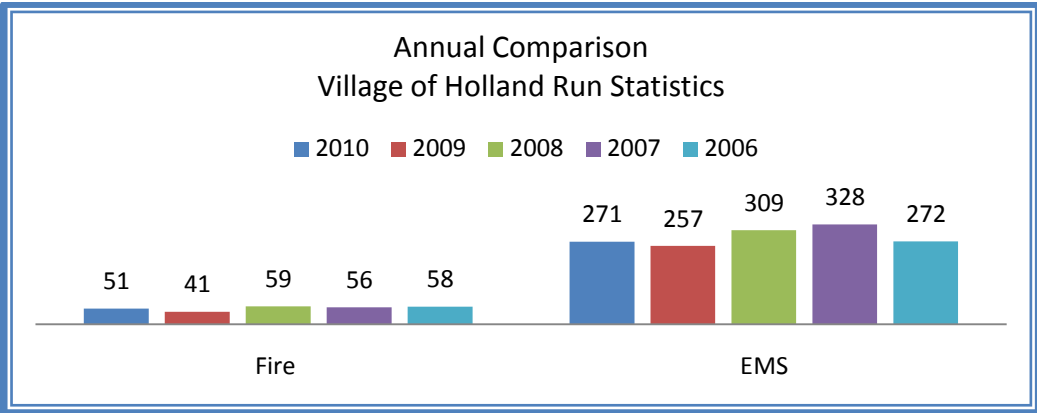


Calls by Day, Week and Month



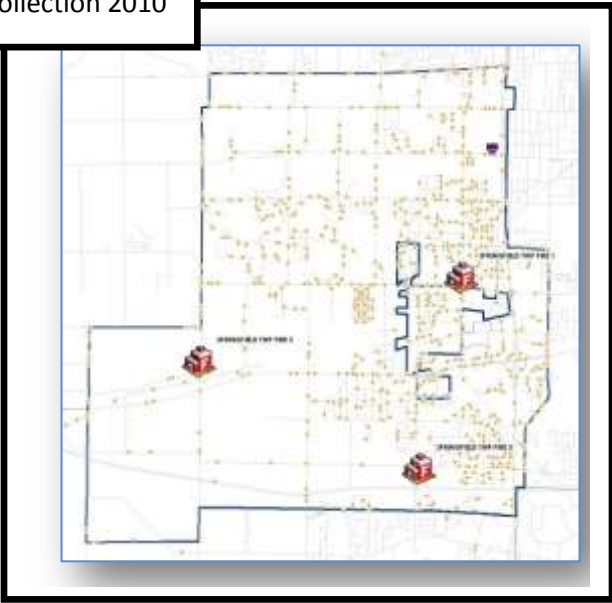
Village of Holland Run Statistics

For the past five years, Springfield Township Fire Department continues to provide fire and EMS services to the Village of Holland, In addition to emergency response calls we offer fire safety inspections, pre-incident planning of businesses, fire extinguisher courses and first and with CPR.

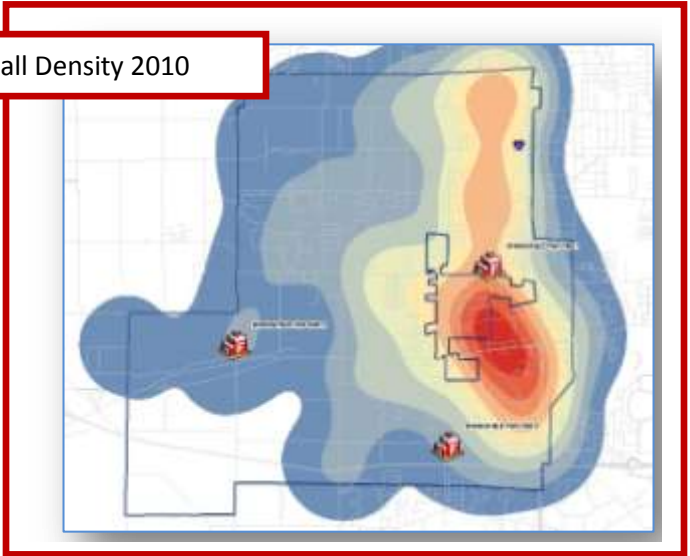


Call Density and Response Times

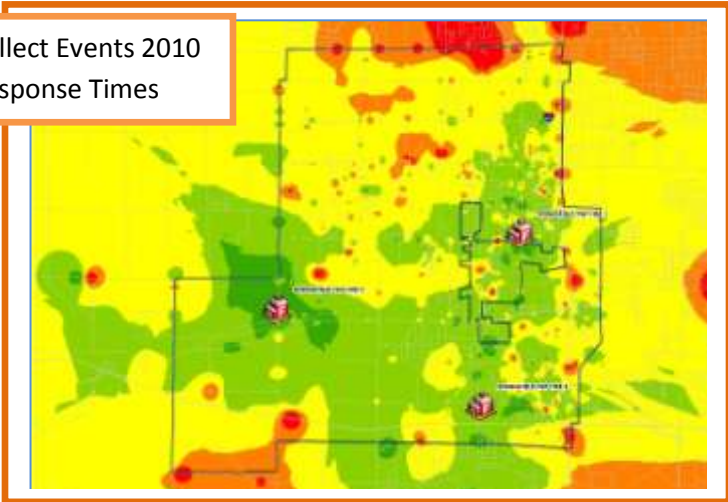
Call Collection 2010



Call Density 2010



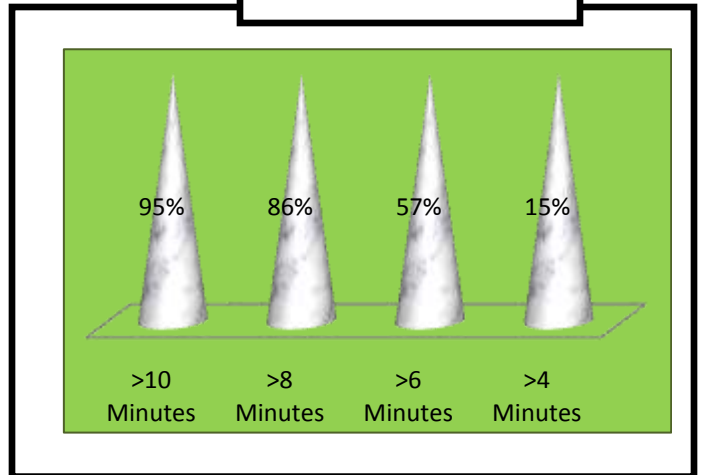
Collect Events 2010
Response Times



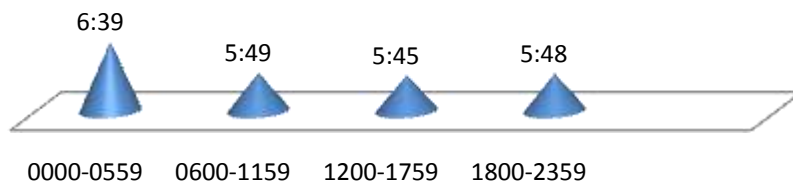
Response Times

- Dark Green:** 0-4 Minutes
- Light Green:** 4-6 Minutes
- Yellow:** 6-8 Minutes
- Orange:** 8-10 Minutes
- Red:** Over 10 Minutes

Average Response Time



Average Response Times by Time of Day

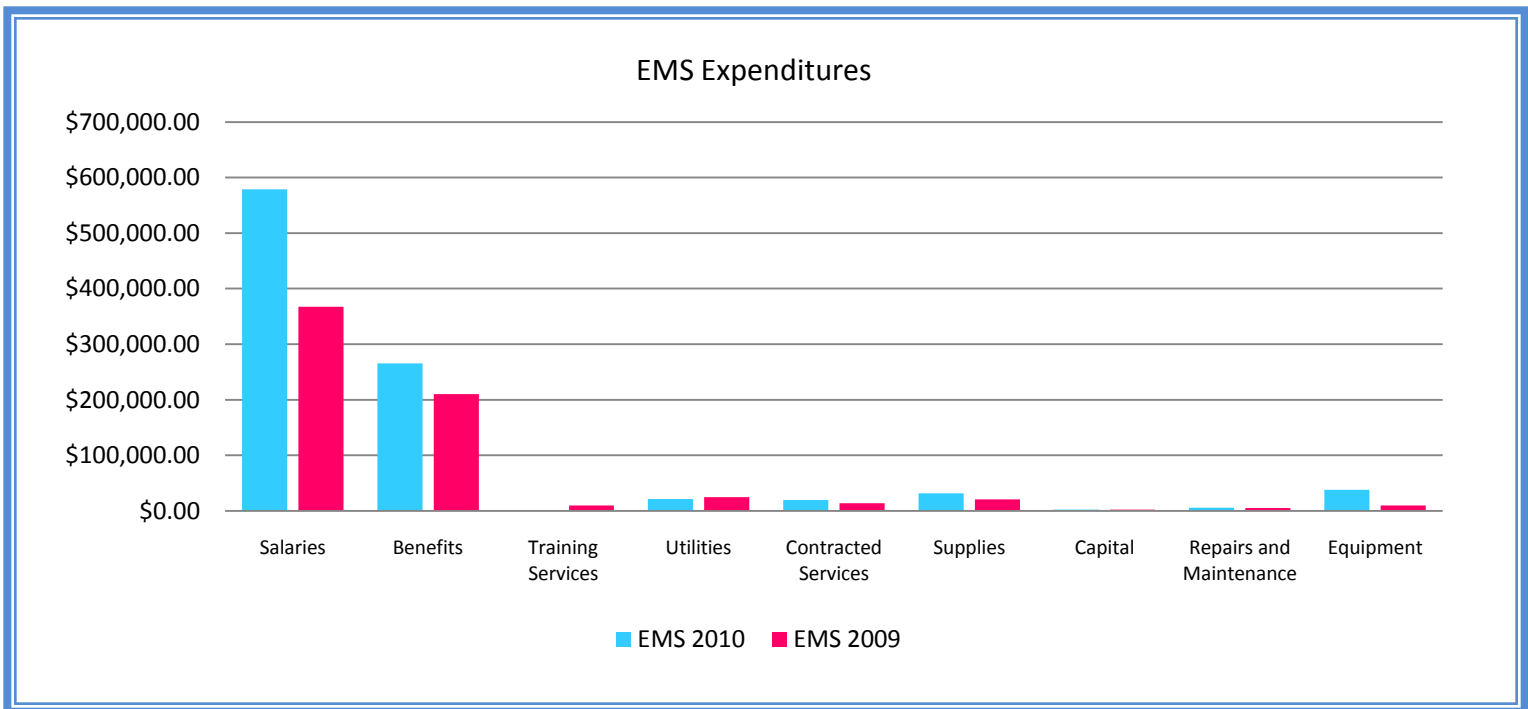
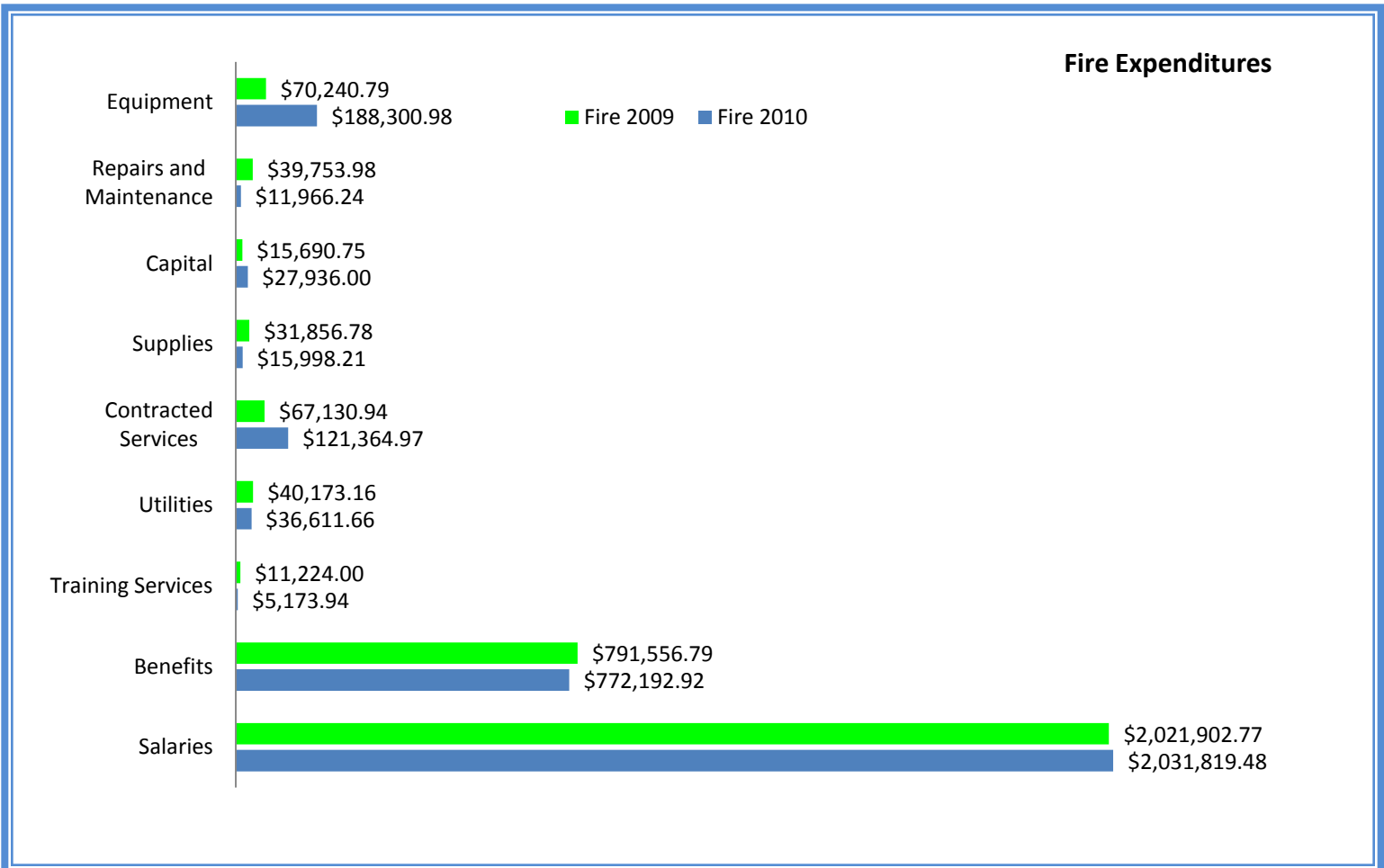


Revenue by Fire and EMS

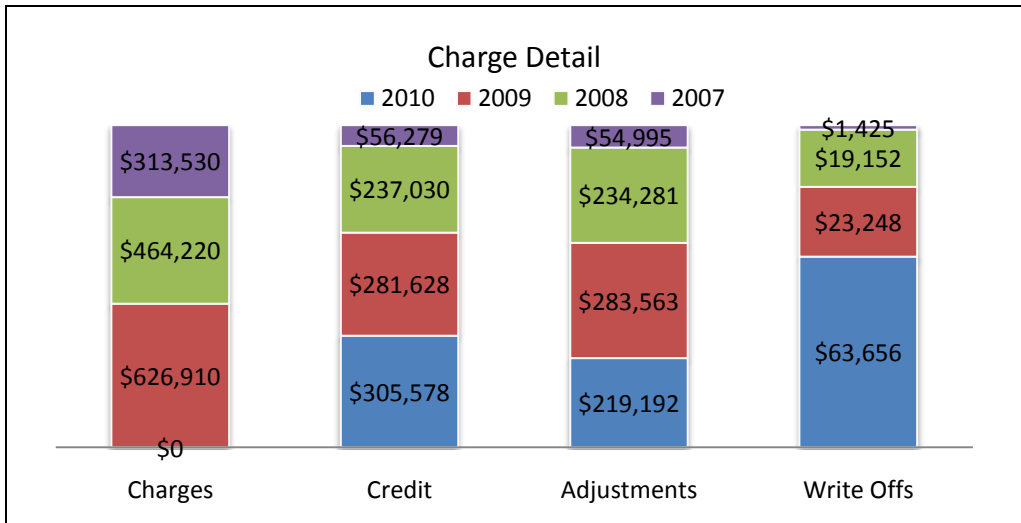
Fire Revenue	2009	2010
Property Tax-Real Estate	\$2,758,570.97	\$2,509,700.85
Personal Property Tax	30,098.80	7,267.97
Property Tax Allocation	313,095.49	313,103.40
Federal Receipts	0.00	148,215.00
State Receipts	11,554.74	0.00
Miscellaneous-Operating	24,688.17	35,710.76
Other Intergovernmental	0.00	233,730.07
Sale of Fixed Assets	0.00	9,221.50
Miscellaneous	0.00	0.00
Total	\$3,138,008.17	\$3,256,949.55

EMS Revenue	2009	2010
Contract for EMS	\$493,150.14	\$821,916.94
Charges for Service	260,755.06	303,684.33
State Receipts	0.00	0.00
Miscellaneous-Operating	118.82	8,395.66
Total	\$754,024.02	\$1,133,996.93

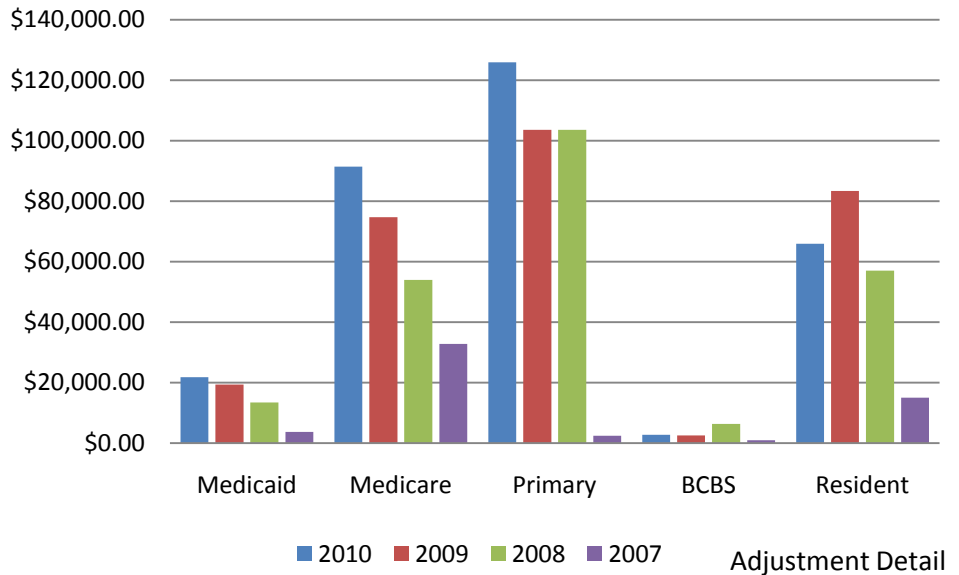
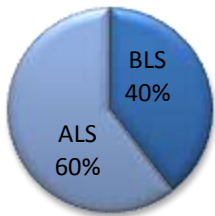
Expenditures by Fire and EMS



EMS Transport Billing



Mileage Charge Detail



Credit Detail

