

# NIXA FIRE PROTECTION DISTRICT

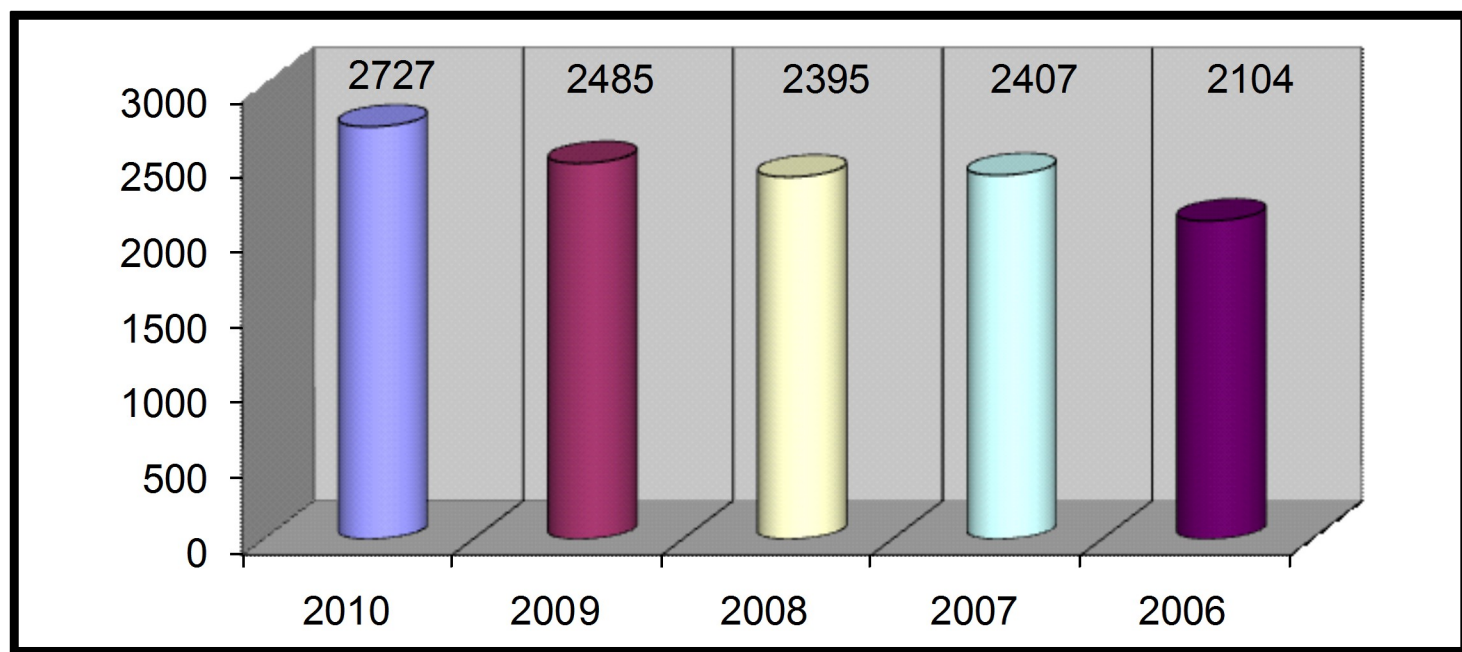


## 2010 YEAR END REPORT

## Table of Contents

• Page 2	Table of Contents
• Page 3 - 4	Administration
• Page 5	Operations
• Page 6 - 7	Support
• Page 8 - 9	Training
• Page 10 - 11	Fire Prevention
• Page 12 - 14	Additional Information

## NUMBER OF CALLS PER YEAR



## ADMINISTRATION

**Chief Jimmy Sebree**  
**Administrative Assistant Athena Fitts**

I am very proud to present an overview of the accomplishments for the Nixa Fire Protection District. These accomplishments reveal the hard work and efforts of the entire fire district staff.

The Nixa Fire Protection District was established in 1986 and is controlled under Missouri State Statute Chapter 321. The District is governed by a five member board elected by the constituents of the District. The board member terms are six years in length. The District is approximately 53 square miles in Christian and Stone County. The constituents are served out of four stations, two of which are staffed around the clock with nine personnel on duty.

The board, staff, and personnel of the fire district have adopted the following vision, mission, and values, which guide us in our daily activities.

### VISION

“The Nixa Fire Protection District is committed to honor the heritage of the fire service and be recognized as a model of excellence in providing services through service through commitment.”

### MISSION

“Service through Commitment”

### VALUES

“Respect, Integrity, Compassion, Courage, Honesty”

The history of the Nixa Fire Protection District and additional information is available at [www.nixafire.org](http://www.nixafire.org). You may also join us on Facebook.



In preparation for the District's 25<sup>th</sup> anniversary in 2011, we completed a District Branding process. The committee designed a new patch, logo, and uniform design. The District plans to complete the re-branding for the 2011 celebration.

The District received a Fire Act Grant of \$135,000 to purchase new rescue tools, airbags, struts, thermal imaging cameras, heart monitors, and workout equipment. In addition the District received a Regional Fire Act Grant of \$995,000 to purchase radio communications infrastructure and equipment to rebuild the Christian County E911 radio system.

The District joined the Tri-State Recruitment Alliance. This consortium of 15 departments assembled a testing process for new hire candidates. This process encompasses a written test, agility test, and psychological assessment of candidates. Upon successful completion of the testing process the candidate is eligible for one year.

The District continues to grow in calls for service and community needs. To meet the ever changing needs the District restructured to create additional mid level supervisors and ranks for personnel development. The support staff consists of Secretary, Administrative Assistant, General Service Technician, Mechanic, and Department Chaplain. The operational staff consists of Firefighter, Driver Operator, Lieutenant, Captain, Battalion Chief, Assistant Chief, Deputy Chief, and Fire Chief. Not all of these positions are currently in use however the expanded structure provides for future growth and personal advancement opportunities.

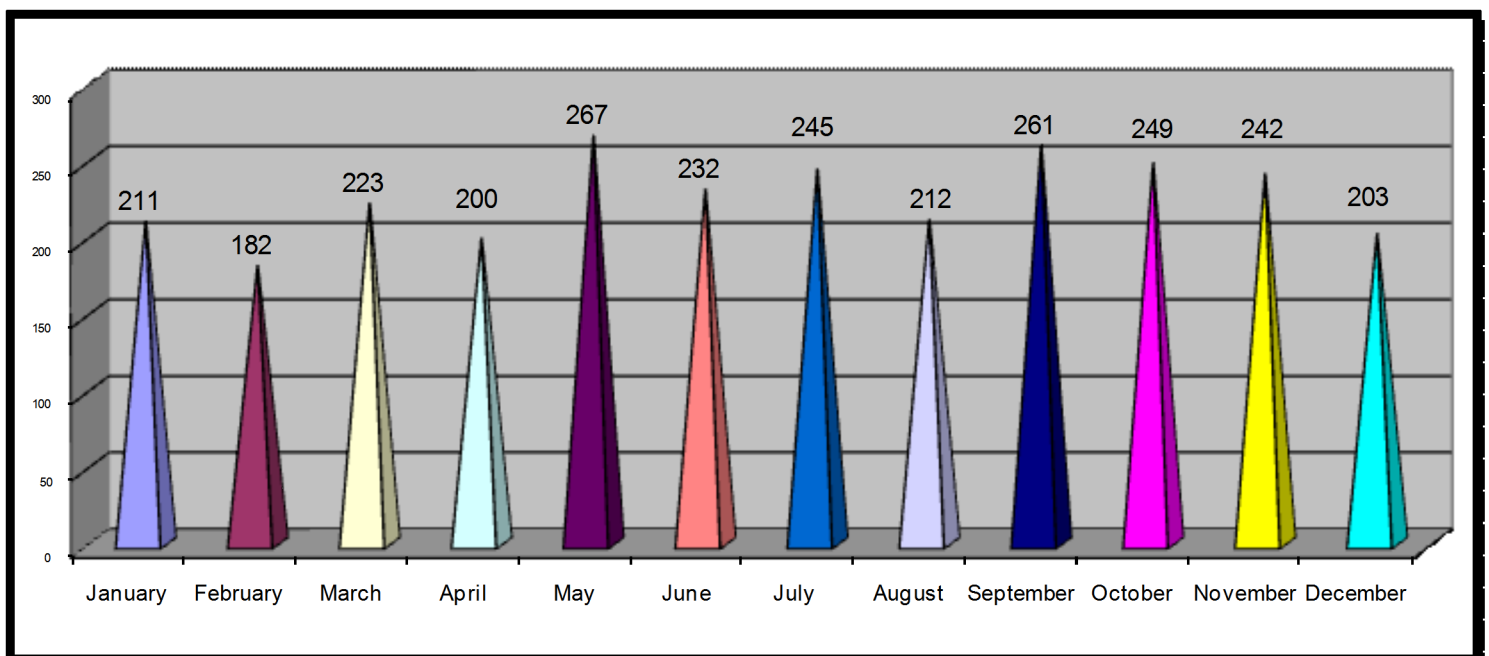
The District continues to participate in working groups, civic organizations, and the political process to maintain a voice and working knowledge of the community. District personnel are affiliated with many groups and associations such as; Boy Scouts, Optimist, Lions, Rotary, Community Foundation, Safe Kids Coalition, Missouri Fire & Rescue Training Institute, Red Cross, Community Blood Bank, Greene County Training Association, Queen City Fire Chiefs, Regional Homeland Security Committee, National Fire Academy, Firefighters Association of Missouri, Fire Marshals Association of Missouri, International Association of Firefighters, Missouri Association of Fire Chiefs, and many other local, county, state, regional and federal organizations. The District is extremely honored to be a part of a great community, the working relationship, and fostering of community spirit.

The Administrative Assistant is vital to the district as this position serves as the human resources management and maintains the front office. A portion of her duties are to administer payroll, accounts payable, and employee benefits. During the year the administrative assistant processed 1,033 invoices creating 676 checks to pay the vendors. We pay 34 employees bi-weekly adding 5 board members and the Chaplain each month creating 956 payroll checks to calculate.

Employees may acquire supplemental insurance through Mutual of Omaha and AFLAC. This supplemental insurance is at the employee expense however it is managed by the District. There are 31 participants that have supplemental insurance. We participate in a 457 Nationwide Retirement Solutions and have six employees who participate in this supplemental retirement program. The district also offers and administrates the flexible spending accounts that allow the employees to set aside money for health costs and dependent care that are not taxed.

As you review this report please feel free to contact the department or myself if you have any questions, concerns or comments for the District. On behalf of the Board of Directors and the personnel of the district thank you for your continued support.

## NUMBER OF CALLS PER MONTH



# OPERATIONS

**Assistant Chief Whitney Weaver**  
**Battalion Chiefs; Adam Neff, Jared Barnes, and Aaron Stephens**

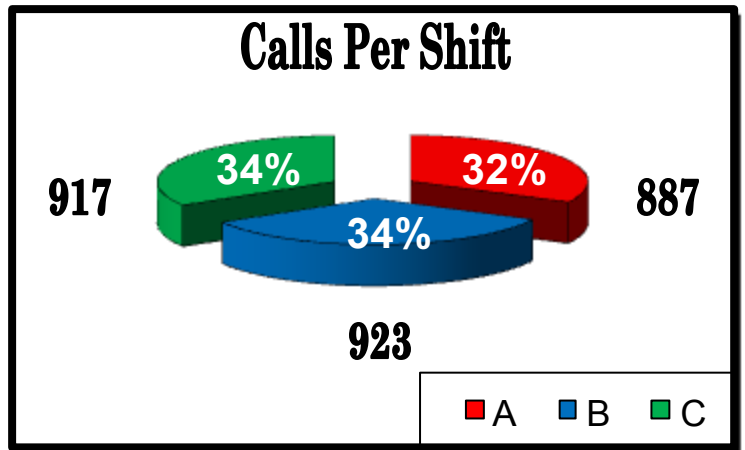
The operations division is the largest and most visible division. This division is charged with the actual delivery of equipment and personnel to mitigate the calls for service. We must be able to provide the citizens with the most reliable equipment and the best trained personnel available.

The District reorganized staffing to better meet the demands of the district. Station 1, 711 N Main Street, was transformed into a dual company station with five personnel. An engine company along with a service company is staffed 24 hours a day.

This has allowed the District to be more flexible in its responses to Nixa and the surrounding communities. Station 2, 301 S Nicholas Road, is still staffed 24 hours a day with three personnel who operate an engine company.

The Operations Division has the following full-time employees and apparatus allowing us to staff stations with four personnel each and one supervisor on duty around the clock.

Firefighters = 18	Engines = 4
Inspectors = 2	Ladder = 1
Company Officers = 6	Rescue = 1
Battalion Chiefs = 3	Tankers = 2
Administrative Assistant = 1	Brush Units = 2
Fire Chaplain = 1	Rescue Boat = 1
Assistant Chiefs = 2	Training Trailer = 1
Deputy Chief = 1	Light/Generator Trailer = 1
Fire Chief = 1	Support Vehicles = 6



Our EMS response increased by 9% this year with 1,564 medical requests for service. The District has increased its ALS (Advanced Life Support) staffing to five paramedics and provided advanced life support 93 times this year. We were able to put a paramedic on the scene of 397 medical requests.

Under the guidance of the fire marshals, the operations personnel created or reviewed 550 pre-incident fire plans. These pre-plans provide personnel with a layout of the building, utility locations, emergency contact numbers, and any hazardous conditions that exist within the business.

Hydrant maintenance is a year round issue and the crews completed 225 flow tests, and maintained 1,339 hydrants. These tests and inspections assist personnel with operational readiness and the general safety of our firefighters and patrons of the district.

Continued from previous years we conducted smoke alarm canvasses after any home fire. The operations personnel conducted 14 smoke alarm canvasses, 105 smoke alarm checks/installations, and 13 Carbon Monoxide checks. The canvasses and checks are beyond the emergency response calls for service.

The web site was updated with new media and streaming video to provide a more interactive experience to visitors of the District's web site.

District personnel installed floor drains in the apparatus bays at Station 2. This project was designed and completed by personnel, which saved the district several thousands of dollars.

In an effort to support an annual Azalea Festival the District allowed Garden Adventures to install two Azalea gardens in front of the fire stations within the city limits.

# SUPPORT

## Assistant Chief Lloyd Walles

The overall objective of this division is to help to alleviate the work load on the other divisions by taking on tasks that support their objectives as well as responsibilities of its own.

Due to the nature of the services the fire district provides, the task of proper operation and maintenance of all equipment is of utmost importance. The maintenance programs of the department consist of daily, weekly, monthly, and annual service. We rely heavily on the personnel who use the equipment to be the eyes and ears of what is going on with the equipment.

If a problem should arise, discrepancy paperwork is submitted for processing. The equipment will either be repaired in house, or scheduled for repair with an outside vendor. Records are maintained on all apparatus and motorized equipment. The records management system was updated to contain documentation from 2007 to present.

The annual ISO testing of pumper and aerial apparatus fire pumps is performed by an outside vendor during scheduled preventative maintenance visits.

Annual testing of ground ladders and our aerial device is performed by an outside vendor. All in service and reserve ladders receive the annual test.

Our self contained breathing apparatus units provide clean, useable air to our firefighters while operating in hazardous environments. Annual maintenance and functional testing is completed by an outside vendor. This helps to ensure proper operation during the critical missions we subject our personnel to. Annual mask fit testing is also conducted for each member. Semi-annual maintenance and air quality testing is performed on the vehicle mounted breathing air compressor that supplies air for the SCBA.

The district utilizes a large fixed back-up generator at each of our two staffed stations. This helps ensure operational readiness whether public utilities are intact or not. We have utilized these back-up power sources numerous times during natural disasters and other events. The district has made this benefit available to the public by opening warming shelters during the ice-storms and other power outages. We also have in inventory four apparatus mounted and three portable units for district use. Annual maintenance is performed by an outside vendor.

Our extrication equipment is used to access victims of car accidents who might be trapped in the vehicle due to the accident. Our equipment receives annual maintenance from a factory representative at our stations.

All other equipment from mowers to blowers, saws and weed-eaters, fans and small pumps receive annual maintenance from an outside vendor.

The fire stations receive maintenance on heating and cooling units, garage doors, fire extinguishers, emergency lights, alarm systems, and various other items from outside vendors to ensure adequate and efficient operation.

The fire district received two new vehicles this year. A 2010 Ford Expedition replaced a 2003 Ford Explorer as the Battalion Chief/Shift Commander vehicle. This vehicle was received and placed in service in May. Work was completed by both outside vendors and personnel within the department who possess the special talents required for this task.

A 1996 GMC, one ton crew cab 4x4, pickup was received from the Missouri Department of Conservation. This vehicle is utilized as a support vehicle for incidents as well as for towing the all-hazard/mobile command trailer. Minor mechanical work as well as painting, emergency equipment installation, and vinyl graphics was completed throughout the year as time allowed.

The addition of these two vehicles brings the total to eighteen pieces of motorized equipment as well as seven

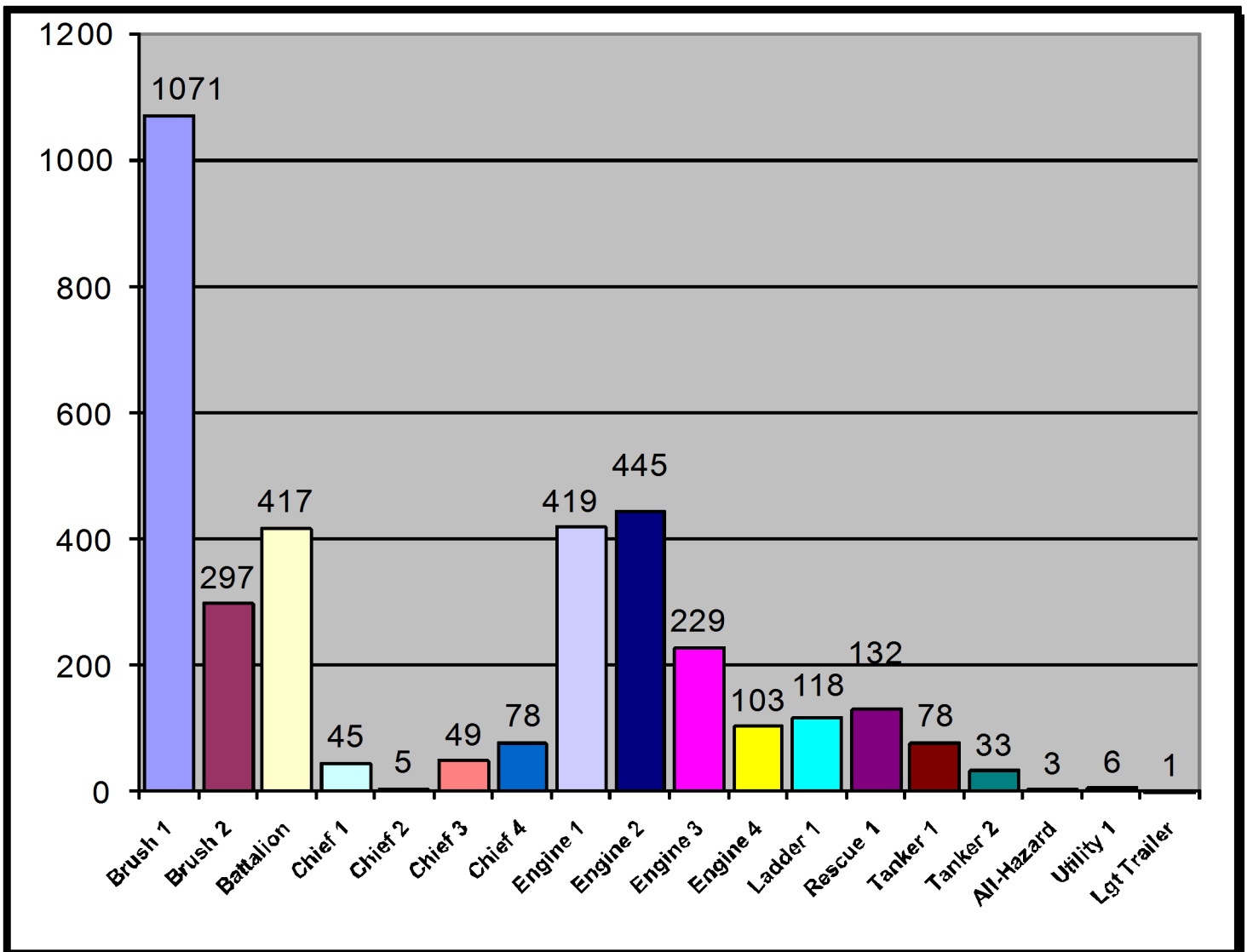
support pieces such as trailers and equipment operated by the Nixa Fire Protection District.

Additional upgrades and projects;

- Intercom system purchased for Ladder 1 to improve communication within the cab of the vehicle as well as protect the hearing of all occupants while vehicle is in operation.
- Automatic chains purchased for Rescue 1 to improve ability to navigate snow and ice covered roads in winter.
- Coordinated sale of a surplus 1999 Kubota tractor.
- Coordinated purchase of a zero-turn mower for use at Station 1.
- Coordinated purchase of a snow plow for snow removal at district stations and as needed on emergency calls.
- Coordinated purchase of voice amplifiers for SCBA masks for half of the personnel. Remaining personnel to be completed in 2011.
- Developed and maintained a water usage log for water use within the city. Report sent monthly to water quality superintendant. This covered all use for fires, training, hydrants, etc. for the year.
- Received a grant for 9-volt batteries from the Energizer® for smoke detector canvassing and checks.

The District spends a great deal of funding on equipment upkeep and annual testing for the utmost safety of our personnel.

## NUMBER OF CALLS PER UNIT



# TRAINING DIVISION

## Deputy Chief Jon Trent

The Training Division began a comprehensive plan to emphasize skills competency in all our programs in 2009, beginning with National Fire Protection Association 1410 drills. During 2010 the second step of the plan was implemented with the development and implementation of a Probationary Firefighter Skills Competency Book. The book measures roughly forty hands-on skills and twenty comprehension skills over a six month time period.

This year all of the shift personnel completed the Probationary Firefighters Skills Competency Book, providing a measurement of reliability and validity to the program. The numbers in the following report reflect a tremendous effort in skills training and a dedication to measuring our performance, according to national standards.

There were 1,170 documented in house training classes conducted by the Fire District for personnel in the organization. District personnel attended 64 classes that were offered by outside organizations. The total contact hours spent training was 11,629. This would be the highest ever total for the Training Division, as reflected by the table following. The Training Division completed all data entry and quality control reviews for these 1,234 training report entries.

<u>Year</u>	<u>In-house Training</u>	<u>Outside Courses</u>	<u>Total Contact Hours</u>
2010	1,170	64	11,629
2009	684	45	8,620
2008	276	50	5,010
2007	346	46	4,928
2006	300	177	5,613

The following certified/certificate courses were delivered to district personnel at our facilities:

School Bus Rescue- 12 hr. Missouri Fire & Rescue Training Institute Regional School

LPG Live burn –12 hr. Missouri Fire & Rescue Training Institute

Shaping the Future-12 hr. Nation Fire Academy

Fire Officer II- 32 hr. Missouri Division of Fire Safety

Emergency Medical Technician Refresher- 24 hr. St. Johns EMS

The Art of Reading Smoke- 4 hr. Missouri Fire & Rescue web-cast

Aerial Apparatus Placement and Operations- 4 hr. Missouri Fire & Rescue web-cast

The Training Division continued oversight and scheduling for National Fire Protection Association 1410 Initial Attack Drills for all shifts. The goal of this training program is to document each shift and crew's ability to meet the National Standard for initial set-up and delivery of 300-500 gallons per minute within an established time frame. The multiple crew drills standard time frame is 6.00 minutes. The crew average completion was 4.50 minutes. The single crew drills standard time frame is 4.00 minutes. The crew average completion was 3.00 minutes. All crews and all shifts were once again able to demonstrate proficiency under the established minimum times for each competency tested this year.

Chief Trent continues to serve as the Treasurer of the Greene County Regional Fire Training Association which represents the collective training of 31 departments in the local area. Through the Greene County Regional Fire Training Association fourteen classes were delivered to area departments. BC Barnes and Capt. Morris also delivered a Thermal Imaging Camera class to an area department. The District additionally conducted Nation Fire Protection Association 1410 Automatic Aid Drills with the Ozark Fire Protection District on all three shifts.

The Training Division had to increase the number of certified CPR/ First Aid instructors in order to accommodate the increased demand for these certification classes. There were over three hundred certifications including American Heart Association CPR/ First Aid and American Red Cross Wilderness First Aid issued by the Training Division. This



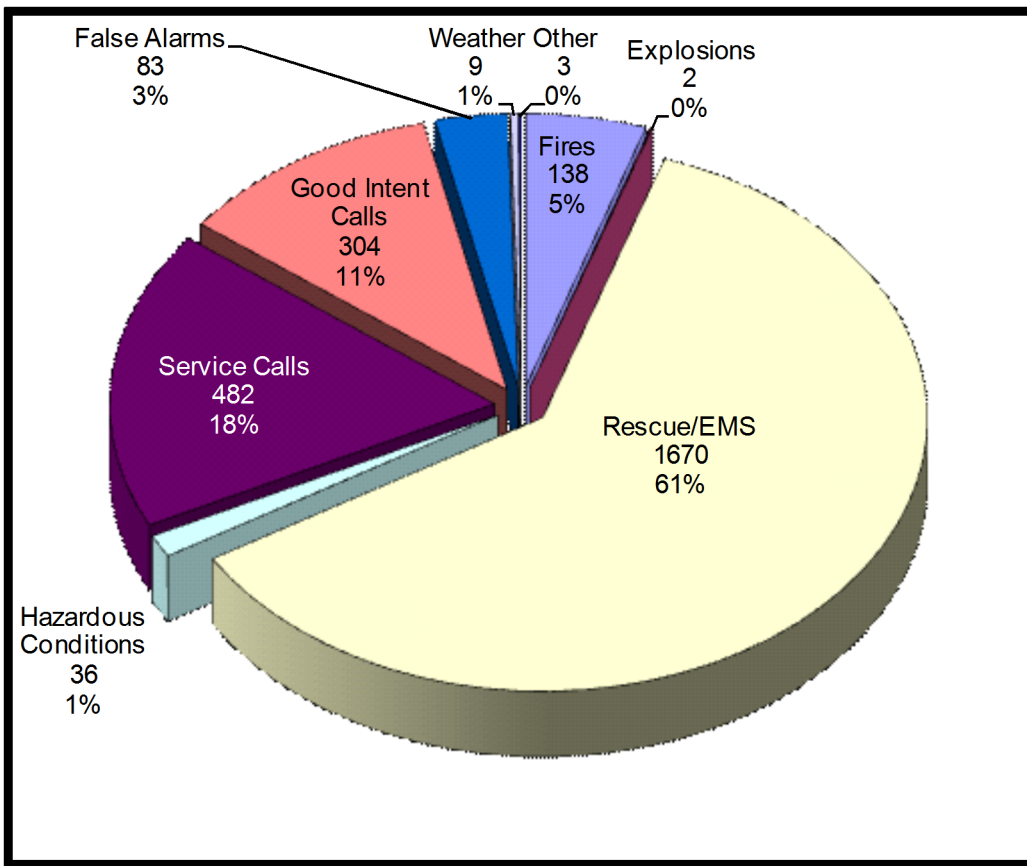
was a record number of students and courses. The Training Division oversees scheduling, delivery, invoicing, certificate and certification card issuance for these programs. The Training Division additionally participated in non-certified courses for First Aid/Wilderness Survival-Search and Rescue for an additional 800 students.

There were thirty birthday parties that our station crews conducted this year. There were 24 different civic or not for profit groups that used the meeting rooms, not including the long term contract with the DMV. In total, the Training Division provided scheduling and oversight on 250 public events scheduled in Stations 1 and 2.

The Training Division is dedicated to meeting the needs of a rapidly changing profession demanding additional knowledge, skills and abilities from personnel each year. The question that must be re-visited each year is, "What additional training will the fire service be asked to complete next?" The requirements increase every year and the expectations are several-fold what they were just a few short years ago.

To meet the future needs of the District our personnel will have to demonstrate skills competence in each level of the organization. The Training Division will be implementing a Driver/Operator Skills Competency Book in 2011 and continuing to emphasize a training program that produces safe, competent, and professional personnel.

## TYPE AND NUMBER OF CALLS



Type	# of calls
Fires	138
Explosions	2
Rescue/EMS	1670
Hazardous Conditions	36
Service Calls	482
Good Intent Calls	304
False Alarms	83
Weather	9
Other	3
<b>Total</b>	<b>2727</b>

# FIRE PREVENTION/PUBLIC EDUCATION

## Fire Marshals Dan Whisler, Buster White

This year has been another record breaking year for the fire prevention and public education activities. Not only have new projects been developed and implemented but the District has fine tuned and produced quality results in several key prevention areas.

Once again this year the station crews put forth a tremendous effort in completing inspections, pre-incident plans and hydrant maintenance and testing. The fire marshals are the point of contact for the public education provided by the District. These events included spring carnivals, health fairs, career days, open house, water fun days, and any public safety forum.

The District conducted numerous public education events throughout the year. There were five fire extinguisher classes given to the public with approximately 128 adults in attendance.

We visited six of the schools during fire safety week and had an estimated 618 persons contacted. Several personnel attended the Nixa Junior High Career Day and discussed how to get started in a Fire Service Career with 25 students.

Fire drills were conducted at all 11 buildings within the first two weeks of school as required by the State Fire Marshal's Office.

The crews participated in the annual docu-drama event during prom week and had an estimated 400 people witness the effect of drinking and driving through a mock car accident.

The crews also supplied some 375 children with a cool down during the end of school year water days at five of the school buildings. Personnel assisted with the shop with an emergency worker event during Christmas for 30 children.

The District co-sponsored the Halloween Spooktacular Event at the Nixa Community Center and had an astounding 800 kids and 1000 adults in attendance. There were four out of district events with around 1000 persons contacted throughout the year.

Our Surrey Fire Safety Trailer was used four times outside the District by neighboring departments as well as numerous times inside the community. Finally, there were many additional visits to the schools and daycare facilities in the community for meetings, informal presentations, and other special requests.

The District received 162 requests, six of which were denied or revoked, for permitted burning. This includes recreational burning, development burning, and yard waste disposal. The City has an ordinance that open burning within the city is only permitted for land clearing for development. All permits were site surveyed for compliance and issued for either land development in the City of Nixa or vegetative waste burning in the County.

The Fire Marshals conducted 13 fire investigations;

Number of Civilian Injuries as result of Fire	0
Number of Civilian Deaths as result of Fire	0
Number of Fire Service Injuries as result of Fire	3
Number of Fire Service Deaths as result of Fire	0

The District inspected and performed;

Pre-Incident Plans	550
Plan Reviews	35
Firework stands	11
Fire hydrants flowed	225
Fire hydrants maintenance	1114
Inspections	1066
Rural address signs	12
Smoke alarms	102
Smoke alarm batteries	207
Carbon monoxide detector	1

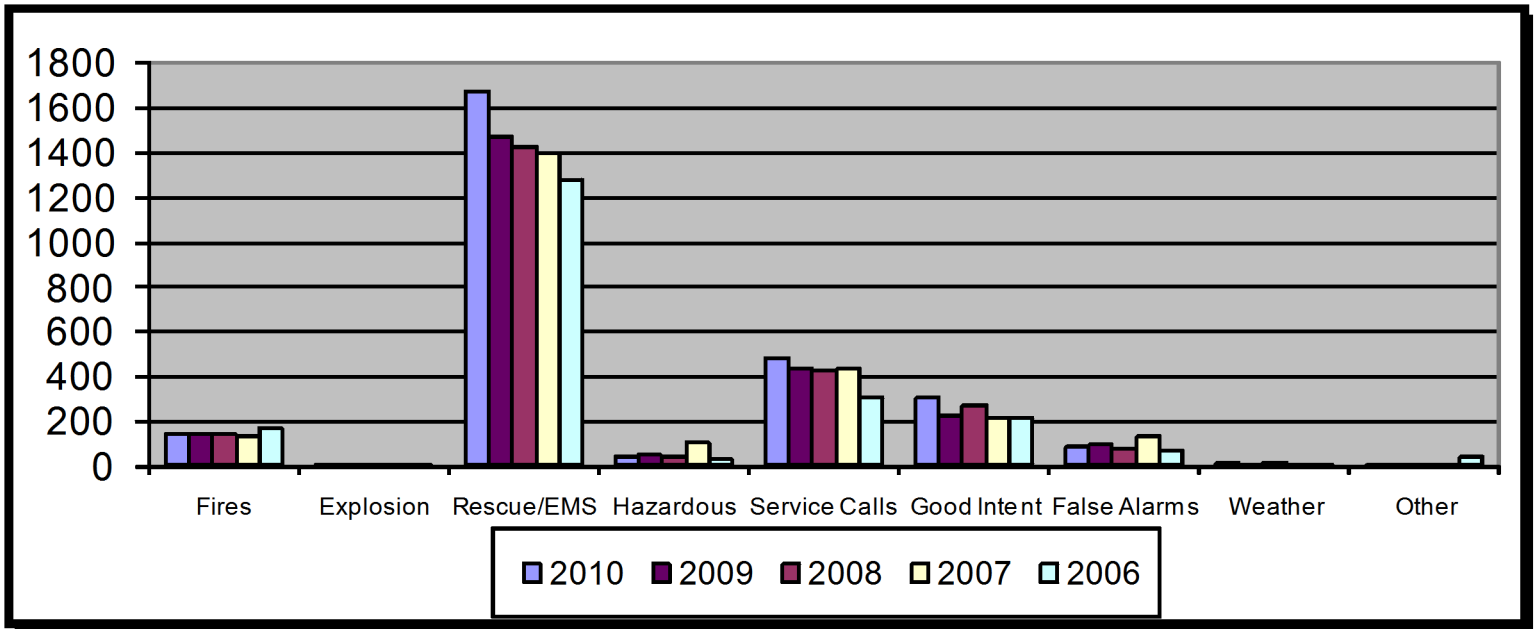
The District recognized approximately \$1,665,000 dollars of loss, however during this time the District saved just under \$1,000,000 dollars of contents and value of the constituents.

Dollar Loss;

1 or 2 family dwelling	\$855,000	
Specialty shop	\$600,000	
Outbuilding or shed	\$210,000	
Open land or field	\$ 0	
Total Dollar Loss		\$1,665,000

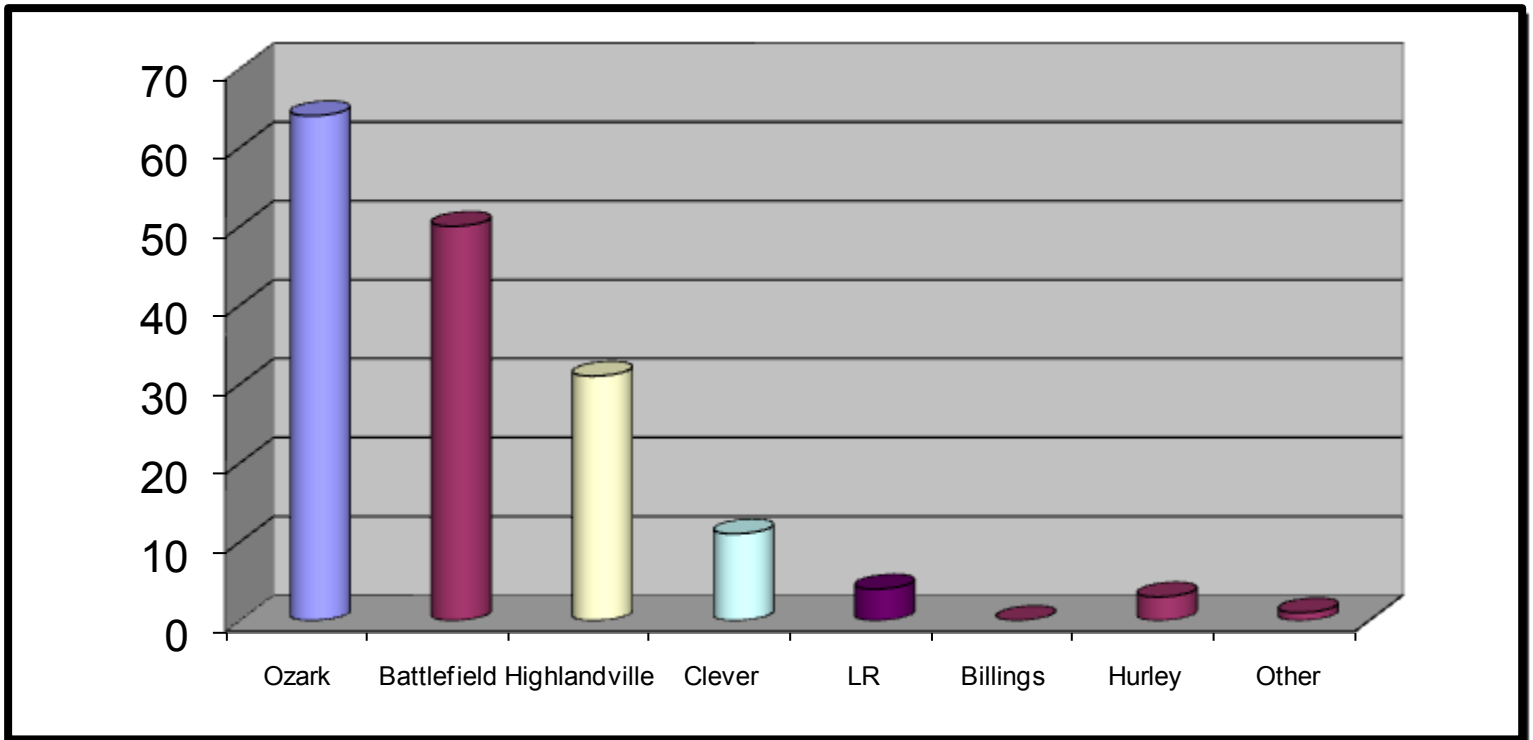
**Total property/contents value saved** **\$1,071,900**

# TYPE OF CALLS PER YEAR



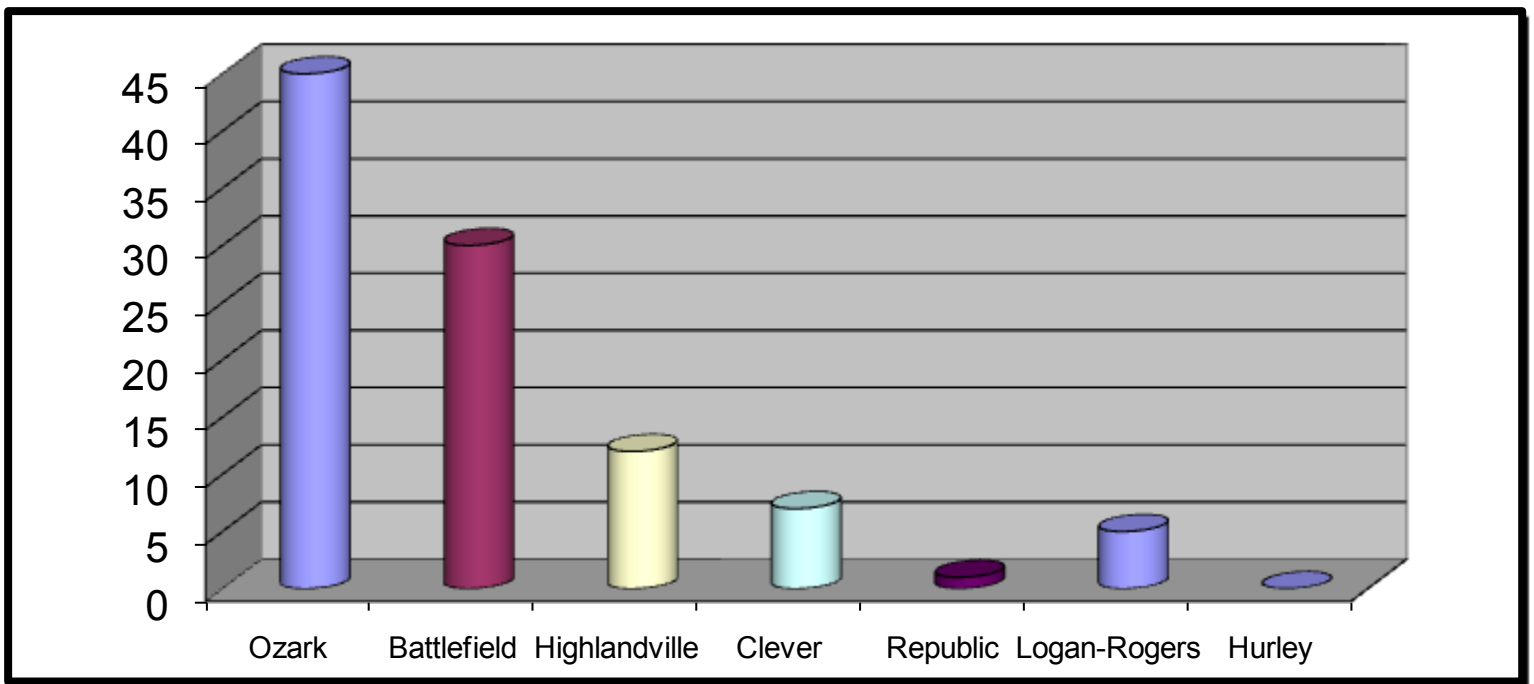
Type	2010	2009	2008	2007	2006
<b>Fires</b>	138	143	138	129	164
<b>Explosion</b>	2	8	4	5	2
<b>Rescue/EMS</b>	1670	1466	1425	1399	1273
<b>Hazardous Conditions</b>	36	50	43	101	32
<b>Service Calls</b>	482	437	421	430	308
<b>Good Intent Calls</b>	304	227	273	212	217
<b>False Alarms</b>	83	96	77	126	63
<b>Weather</b>	9	6	11	2	3
<b>Other</b>	3	4	3	3	42

# CALLS IN WHICH MUTUAL AID WAS PROVIDED



Department	# of calls
Ozark	64
Battlefield	50
Highlandville	31
Clever	11
LR	4
Billings	0
Hurley	3
Other	1

# CALLS IN WHICH MUTUAL AID WAS RECIEVED



Department	# of calls
Ozark	45
Battlefield	30
Highlandville	12
Clever	7
Republic	1
LR	5
Hurley	0