



NIXA FIRE PROTECTION DISTRICT



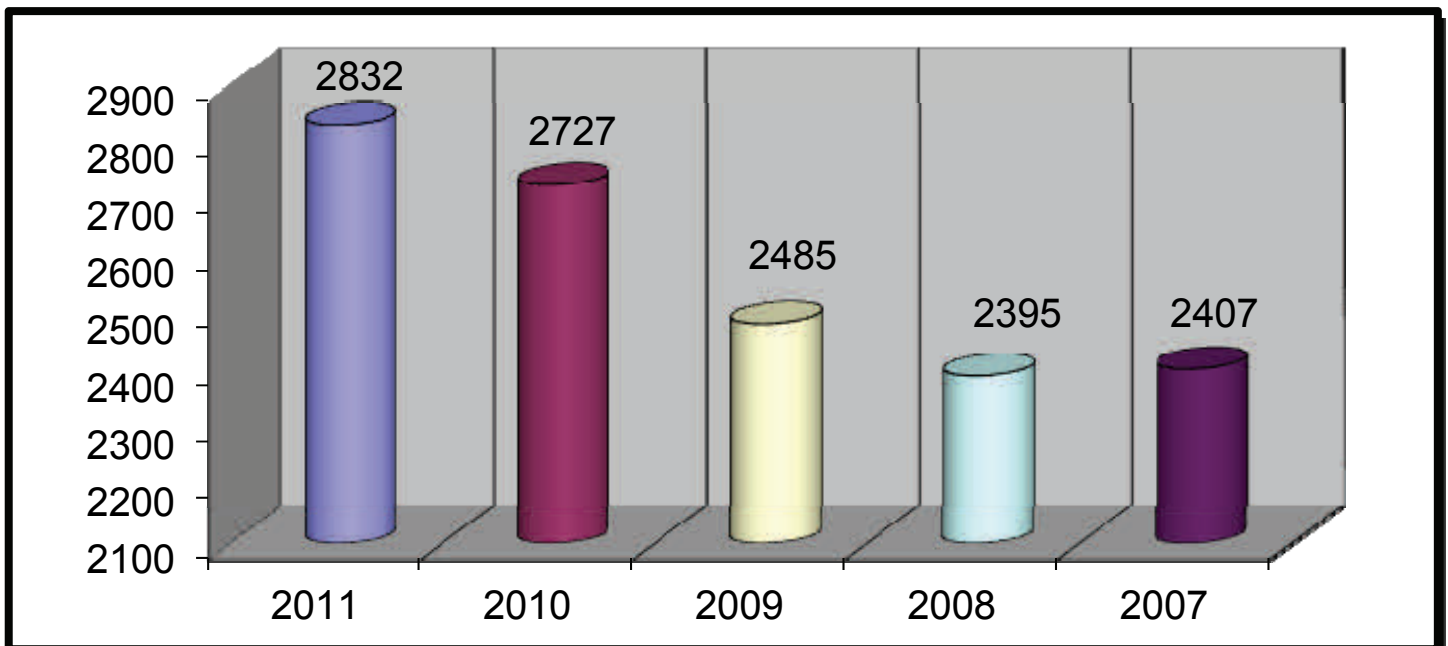
2011 YEAR END REPORT



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NUMBER OF CALLS PER YEAR





ADMINISTRATION

District Board of Directors
Chief Jon E. Trent
Administrative Assistant Athena Fitts

We are very proud to present an overview of the 2011 accomplishments of the Nixa Fire Protection District. These accomplishments demonstrate 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 Board Members serving in 2011 consisted of:

Board President Larry LaForge
Board President Pro-Tem Bill Rapp
Board Member Barbara Rae Hughes
Board Member Bob Rubino
Board Member David Jordan

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 24/7/365 with full staffing of nine personnel on duty. The Administrative Assistant is vital to the district as this position serves as the human resources manager, accounts receivable and payable, maintains the front office and serves as the entry point for all of our customers that are not related to emergency response. The Fire Chief serves as the administrator for budgeting, planning; representation of the Fire District in the community, and together with the administrative officer's in implementing emergency response. The Board of Directors serves as the community representatives for oversight of the administration of the Fire District.

In 2011 the Fire District committed to focus on Performance Management/ Quality Improvement and organized four specific targets.

- Develop a strategic plan for the future (vision and goals, then action steps to achieve them).
- Maximize current resources (personnel/equipment/budget) to ensure we are getting the most we can from what we are given.
- Develop progressive plans for future resources (capitol improvement/additional personnel/grants).
- Re-connect with our community and customers.

As we strive to meet these objectives, we achieve our vision:

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.”

On behalf of the Board of Directors and the personnel of the district, we thank you for your continued support.

The history of the Nixa Fire Protection District and additional information is available at www.nixafire.org.





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.

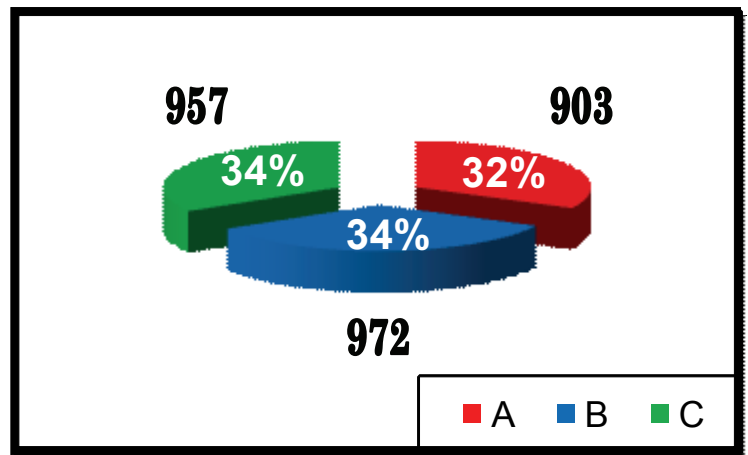
The District reorganized staffing to better meet the demands of the district. Station 1, 711 N Main Street, is a dual company station with five personnel. An engine company along with a service company is staffed 24 hours a day.

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 = 1 | 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 |
| Fire Chief = 1 | Light/Generator Trailer = 1 |
| | Support Vehicles = 6 |

Calls Per Shift



Our EMS response increased by 5% this year with 1,643 medical requests for service. The District has increased its ALS (Advanced Life Support) staffing to six paramedics and provided advanced life support 133 times this year. We were able to put a paramedic on the scene of 396 medical requests.

Hydrant maintenance is a year round issue and the crews completed 33 flow tests, and maintained 1,003 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, 207 smoke alarm checks/installations, and 4 Carbon Monoxide checks. The canvasses and checks are beyond the emergency response calls for service.



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.

Vehicle Maintenance- 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, 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 to my division 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.

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

Ladder Testing- 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.

Self Contained Breathing Apparatus- Our SCBA 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.

Generator service- 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 3 portable units for district use. Annual maintenance is performed by an outside vendor.

Extrication Equipment- 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.

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

Station maintenance- The fire stations receive maintenance on heating and cooling units, garage doors, alarm systems, and various other items to ensure adequate and efficient operation.

Vehicle in-service and rotation- The fire district received one new vehicle in 2011. A 2012 Ford F-350 replaced a 2003 Ford F-250 as a Brush truck and was moved to Station 1 due to its higher call volume. This placed our busiest crew in a newer and safer vehicle. This vehicle was received and placed in service in October. I oversaw the bidding, order, and installation of the vehicle, emergency equipment, and other items necessary for this vehicle. Work was completed by outside vendors and turn-around time from delivery to in-service was one week.

*The 2003 Ford F-250 was re-allocated to a staff use vehicle. It was the same year as, but lower mileage than, one of the 2003 Ford Explorers previously in use. Two 2003 Ford Explorers were sold as surplus property in 2011. It would be the desire of staff to keep the frontline response vehicles as the newest, lowest mileage, and safest to operate in the organization when possible. Enhancements such as side airbags, heavier GVWR, and other safety features mean a **5***

safer vehicle for our personnel to operate from.

The sale of these vehicles brings the total to 17 pieces of motorized equipment as well as 7 support pieces such as trailers and equipment operated by the Nixa Fire Protection District.

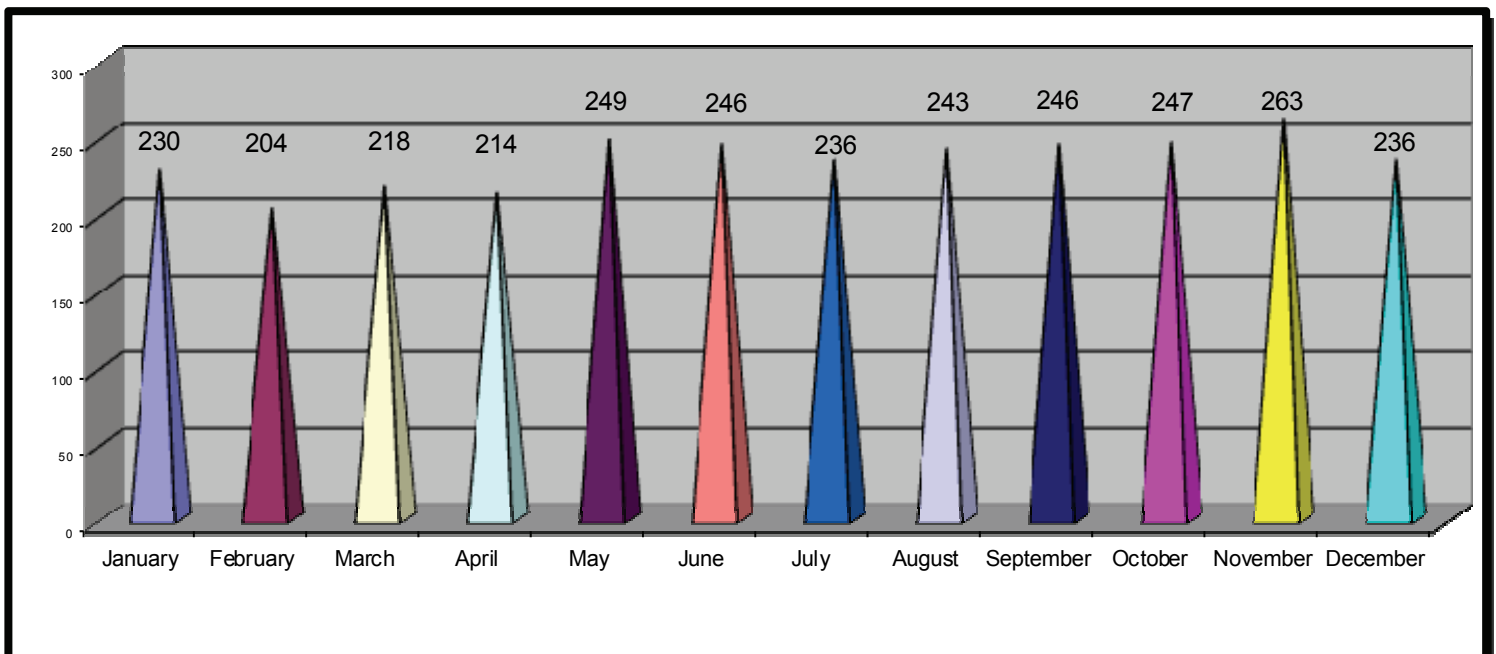
A large amount of time was spent in 2011 working on a small vehicle replacement plan. This will assist with scheduled and timely vehicle replacement into the future. Another item requiring a large amount of time was the development and finalization of a spec for a new fire engine. The district worked co-operatively with two local municipalities to develop and release a specification for a fire engine with several options bid to suit each agency. This process was finished in late December and the hard work of our apparatus committee, as well as the co-operative committee, should be realized in the first quarter of 2012 when the order is placed. The district apparatus committee also worked on a spec for a new tanker apparatus and should be releasing it as a Request for Proposal in early 2012. We continue to develop our replacement plan for large apparatus and, due to escalating costs associated with these vehicles, will be coordinating this plan with the District's Strategic Planning process.

Grant assistance- I worked with several Greene County agencies on a regional SCBA grant opportunity. As our agencies have come to rely on each other in times of emergency through Mutual and Automatic aid, we quickly realized the importance of having standardized equipment. This will include SCBA's, cylinders, and basic equipment packs for our RIT (Rapid Intervention Team) operations.

Special projects-

- *Upgraded lighting in Station 1, 3, and 4 bay areas to energy efficient fixtures to promote energy conservation and reduction in utility costs.*
- *Worked with the district marketing committee to update and improve Public Education and Fire Prevention materials.*
- *Completed purchase of voice amplifiers for SCBA masks for second-half of the personnel.*
- *Applied for and received a grant for 9-volt batteries from Energizer® for smoke detector canvassing and checks.*

NUMBER OF CALLS PER MONTH

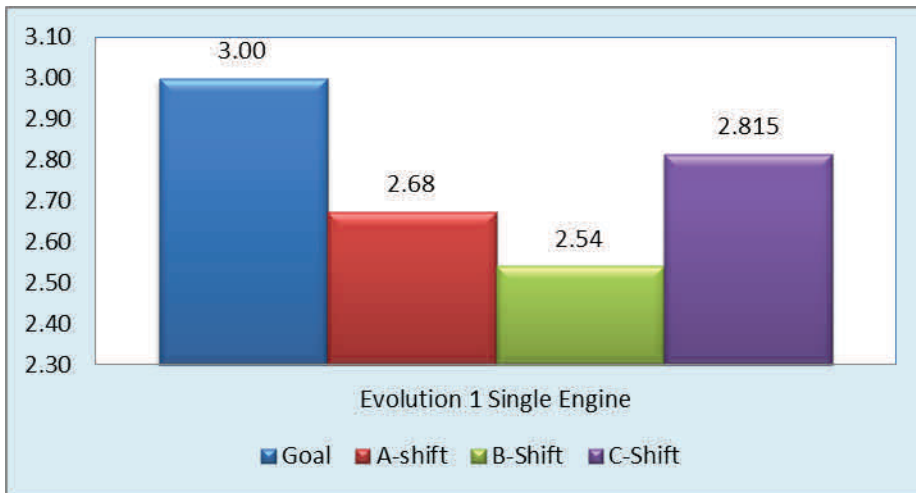




TRAINING DIVISION

The Training Division began a comprehensive plan to emphasize skills competency in all our programs in 2009. That approach continued in 2010 with the development of professional competency skills books for entry level firefighters and expanded in 2011 to include all pumping apparatus and aerial apparatus Driver/Operators. This year all of the shift personnel who were Driver/Operator qualified completed the skills assessment books and the program was additionally implemented for all new Driver/Operator candidates. This process continues to provide a measurement of reliability and validity in the training program.

Once again all crews and shifts successfully completed the NFPA 1410 drills, which are a national standardized measurement for first arriving fire department engine companies. The skills give a maximum time it should take to establish a water supply, pull hose lines and flow a minimum of 300 gallons per minute in a variety of situations that may be encountered in our community. If an overall average of required times was set at 3:00 minutes, the times demonstrated by our crews would look like the following chart:



An additional emphasis area in training for 2011 was to reduce the leading cause for potential injuries and deaths to firefighters as identified by national studies. Those studies identify cardiac and stroke incidents as the leading causes. Our health and wellness program grew exponentially in 2011. Mandatory PT time was scheduled for each shift day and an increased awareness of proper nutrition and hydration were implemented. The results have been very positive and we are continuing to see the benefits to the programs in both overall health and on-scene performance.

As the programs mentioned above grew, the required recertification and annual required trainings had to also be maintained. In FY 2011 there were 1,893 training classes documented by District personnel. This added up to 13,696 credit hours of training an increase of 15% from 2010

Year	Number of Classes	Credit Hours	% increase
2011	1893	13,696	15%
2010	1170	11,629	26%
2009	684	8,620	42%

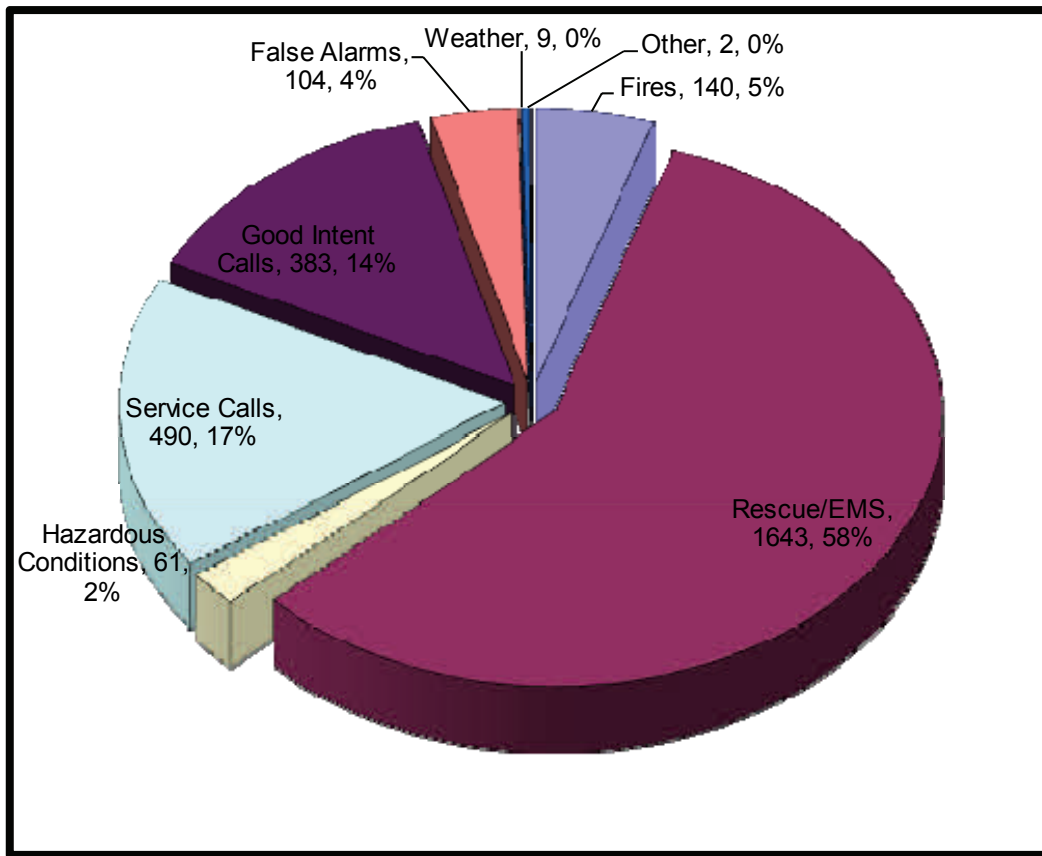
The District additionally held the following certified/certification courses in-house/in-area:

- Basic Pumps-University of Missouri Fire and Rescue Training Institute
- Fire Service Hydraulics- University of Missouri Fire and Rescue Training Institute
- Mobile Water Supply Operations- University of Missouri Fire and Rescue Training Institute

The Fire District was awarded an Assistance to Firefighters Grant (AFG) allowing the purchase of a Class A Burn Trailer, which incorporated live fire training and a host of other training props into one package. The trailer was a “first of its kind” in an innovative design that incorporated a full 53’ trailer with the ability to train on ventilation, ladders, rope rescue, confined space rescue, a maze, sprinkler prop, concealed ceiling fire, concealed wall fire, standpipe connection and a variety of additional activities. The trailer is not only available to Nixa firefighters, but also our area departments to assist in their live fire training needs.

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.

TYPE AND NUMBER OF CALLS



Type	# of calls
Fires	140
Rescue/EMS	1643
Hazardous Conditions	61
Service Calls	490
Good Intent Calls	383
False Alarms	104
Weather	9
Other	2
Total	2832



FIRE PREVENTION / PUBLIC EDUCATION

**Fire Marshal
Buster White**

The Fire Prevention and Public Education office experienced a drastic change in 2011. The manpower in this office was reduced by 50% when one of our Fire Marshals accepted a position with our local community college. The focus of the Fire Prevention office has not changed and the commitment to life safety and property conservation remains in high regard. However, due to the reduction in staffing, the Fire Marshal has taken a new approach to Fire Code enforcement and the inspection process. A single “courtesy” inspection will be completed on a 1 or 2 year cycle based on the occupancy use of a structure. Follow-up visits have been reduced to only the structures with the highest potential for injury or loss of life for either the public or district personnel during an emergency.

In late 2011 the Fire District started a cooperative plans review process for any new construction within the boundaries of the district. The City of Nixa will be conducting all plans reviews on our behalf. After the transition to the new process is completed it should make things go much smoother for the businesses, developers and other entities looking to grow in or become part of our community. The International Fire Code 2006, with amendments, is currently in use by the district and we anticipate adoption of the IFC 2012 sometime during the 2012 calendar year.

The District received 177 requests for permitted burning. This includes recreational burning, development burning, and yard waste disposal. Due to the reduction in staffing in the Fire Prevention office, a change was instituted in the permit process. All first-time permits were site surveyed for compliance and issued for either land development in the City of Nixa or vegetative waste or recreational open burning in the County. Renewal requests for permits were approved based on the previous site inspection. This process follows requirements from Missouri Department of Natural Resources, helps reduce unnecessary property damage for our constituents, and allows us to educate the public on safe fire control measures. Four out of 177 permits were denied or revoked.

All fires in the district were investigated for determination of a cause and origin. Utilization of on-duty investigators was increased this year with all records and reports reviewed and maintained by the Fire Prevention office. Records requests and run report submissions were coordinated through the Fire Prevention office.

The District recognized approximately \$446,500 dollars of loss, however during this time the District saved nearly \$4,000,000 dollars of contents and value of the constituents.

Dollar Loss;	
1 or 2 family dwelling	\$422,500
Multi-family dwellings	\$4000
Outbuilding or shed	\$20,000
Total Dollar Loss	\$446,500

Total property/contents value saved \$3,910,750.00

The Fire Prevention office completed the following essential duties for the safety of the citizens we protect and serve, the visitors of the community, and the staff of the Nixa Fire Protection District.

- 413 Annual Fire Inspections
- 110 Re-inspections
- 12 Final Occupancy reviews
- 7 Complaint calls
- 13 Address markers
- 11 School Inspections
- 18 Public Education events

- 6 Fire Investigations
- 42 Pre-fire plan updates
- 80 Pre-fire plan reviews
- 3 Extinguisher classes
- 13 Fireworks stand permits

The Fire Marshal is the primary point of contact for the public education provided by the District. Fire District personnel overall completed 70 recorded Public Education events and contacted an estimated 7000 persons. These events range from informal station tours, monthly Blood Pressure checks at the Senior Center, Birthday Parties conducted at the district community rooms, community events, school events, and many other opportunities in and around the district and county.

The District participated for the first time ever in the Domino’s Pizza Smoke Alarm program in conjunction with the National Fire Protection Association (NFPA) in the fall of 2011. Approximately 25 homes were rewarded with free pizza over a 3 night period for taking their personal safety seriously and ensuring their families home had operational smoke alarms. Smoke alarm canvassing during the “Change Your Clock, Change Your Battery” campaign, on emergency calls when time allows, and any other time as requested continued in 2011. This allows our personnel additional opportunity to educate the public about the important aspects of fire safety.

The District again pushed for increased awareness of severe weather emergencies through the NOAA All-Hazard radio campaign. We hosted a weather radio event at Station 1 on May 19, 2011 in conjunction with Midland Radio, KOLR 10, Orscheln of Ozark, and Meteorologists from the National Weather Service. Many other opportunities were provided for constituents of the district and surrounding communities to purchase an all-hazard radio and receive programming and one on one instruction from district personnel. In total, nearly 250 radios were sold in 2011.

Services We Provide

- Pre-Planning Business Inspections
- Business Fire Inspections
- Portable Fire Extinguisher Classes
- Adult First Aid and CPR Training
- Child and Pediatric First Aid and CPR Training
- Fire Inspections for all Schools
- Fire Safety Education for:
 - Employers / Employees
 - Teachers / Students
 - Parents / Children
- Presentations on Fire Prevention Awareness / Topics

- Station Tours
- Free Smoke Alarms and Batteries
- Community Emergency Response Team
- Home Safety Surveys
- Juvenile Fire Setter Program
- Wilderness First Aid

Please review the list of services provided and contact us if we can be of any service to you or your business

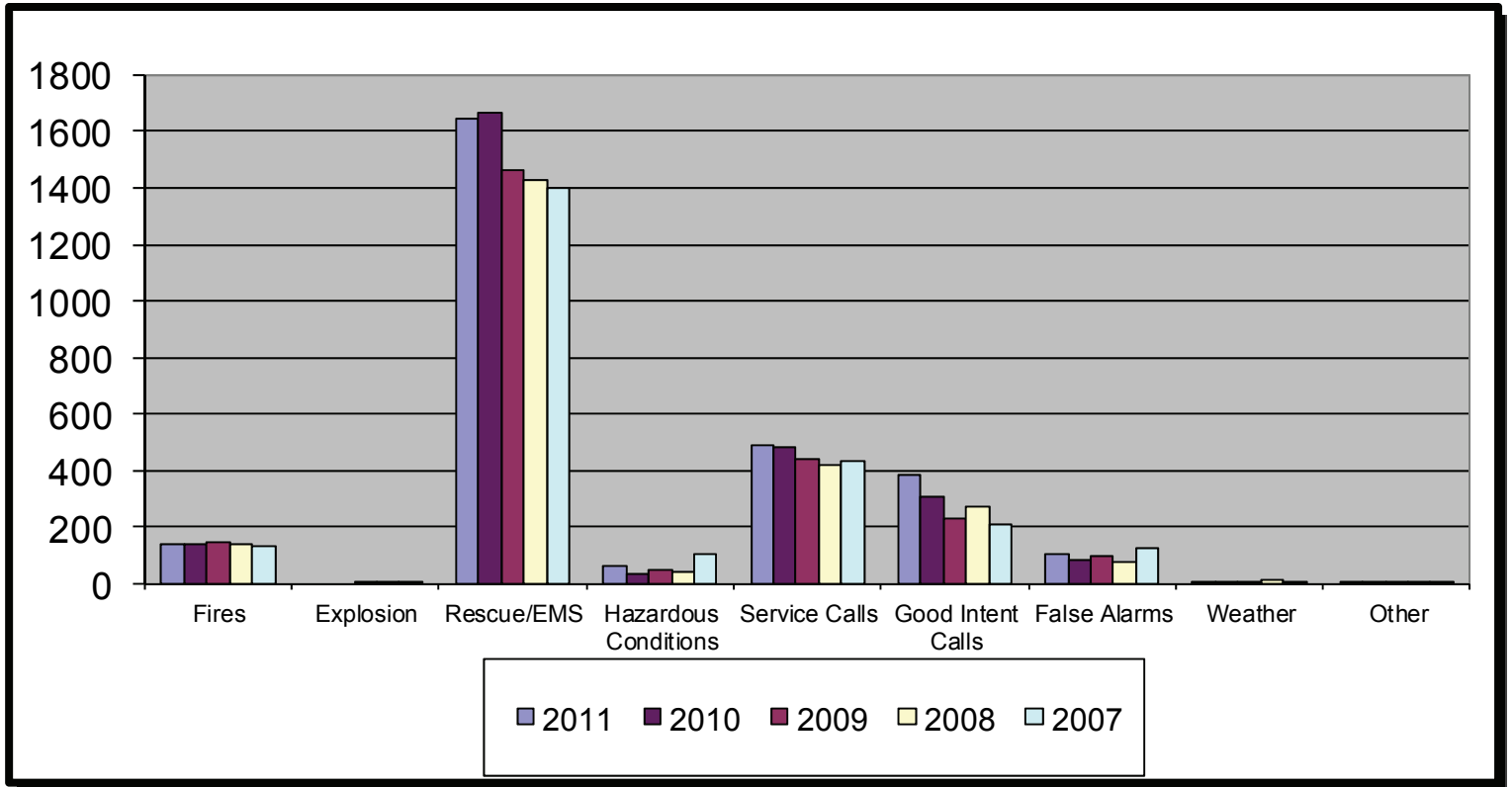
Items for Purchase

- Reflective address markers for easy identification of your residence.
- Weather Alert Radios available at a reduced price.
- Department T-shirts
- “Indian Print”

Contact Athena Fitts at
(417) 725 - 4025
for more information



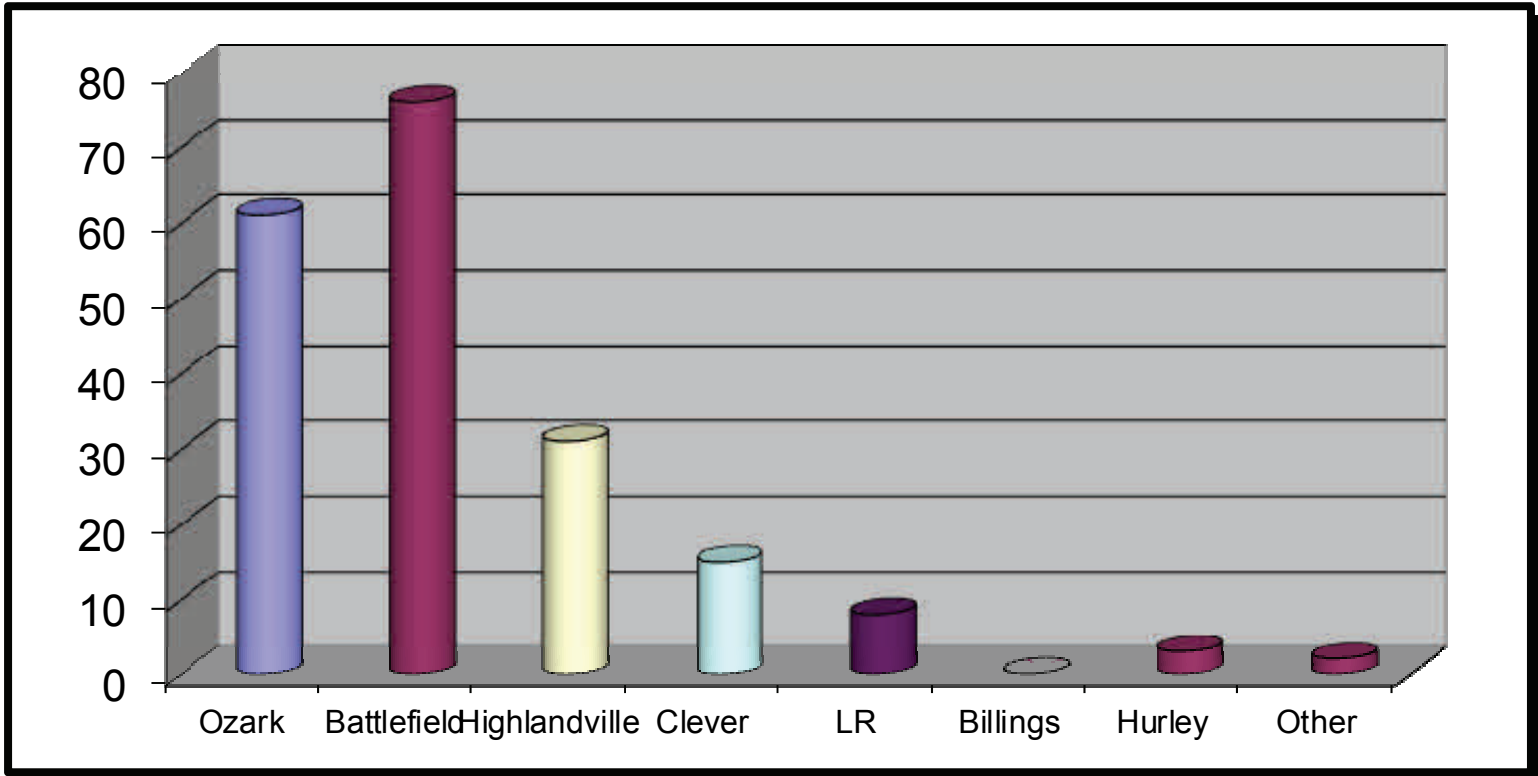
TYPE OF CALLS PER YEAR



Type	2011	2010	2009	2008	2007
Fires	140	138	143	138	129
Explosion	0	0	8	4	5
Rescue/EMS	1643	1670	1466	1425	1399
Hazardous Conditions	61	36	50	43	101
Service Calls	490	482	437	421	430
Good Intent Calls	383	304	227	273	212
False Alarms	104	83	96	77	126
Weather	9	9	6	11	2
Other	2	3	4	3	3



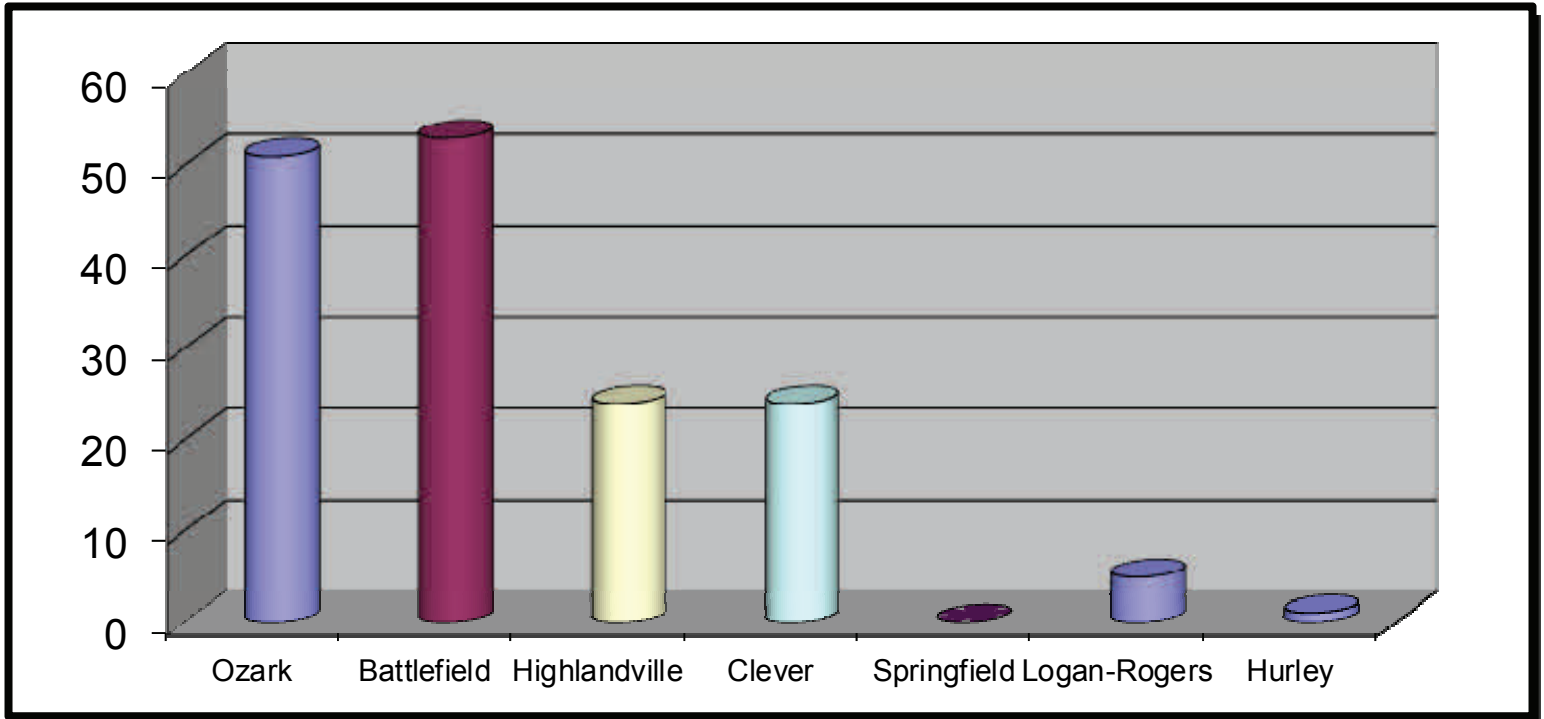
CALLS IN WHICH MUTUAL AID WAS PROVIDED



Department	# of calls
Ozark	61
Battlefield	76
Highlandville	31
Clever	15
LR	8
Billings	0
Hurley	3
Other (Joplin)	2



CALLS IN WHICH MUTUAL AID WAS RECIEVED



Department	# of calls
Ozark	51
Battlefield	53
Highlandville	24
Clever	24
Springfield	0
Logan-Rogersville	5
Hurley	1