



It is the design of the department to serve the public to the best of our ability.

*The mission of the department is to assist people through
Prevention, Planning, Education, and Action.
We pursue this mission with determination and resolve with
emphases on
Dedication, Compassion, and Constant Improvement.*

Introduction

Thankfully 2009 was not as a memorable year as were 2008 or 2007 for the Neosho Fire Department in dealing with Natural Disaster or Severe Weather.

In 2009 the Neosho Fire Department responded to 1,504 alarms. Break down of alarm history, response by district, department training, and history of alarms is provided later in report.

Again it has been a privilege to say “THANK YOU” to the members of the department and their families that have sacrificed family activities to assist residents and visitors to our community and their fellow employees.

We would also like to thank the other departments, agencies, and fellow City of Neosho employees, which we work with throughout the year for their aid and assistance.

Chief Hickman

Facts – www.neoshofire.org

Fire Station 1
125 N. College St
Neosho, Missouri 64850
Phone: 417-451-8021
Fax: 417-451-8027

Fire Station 2
501 Industrial Drive
Neosho, Missouri 64850
Phone: 417-451-8030
Fax: 417-451-8037

Department e-mail: ghickman@neoshomo.org

Staffing - 40 hour

Fire Chief
Deputy Fire Chief
Administrative Assistant
Training Officer

Staffing – 52 hour

3 Captains
3 Lieutenants
12 Engineers
6 Firefighters

Staffing – Paid-per-Call

1 Captain
4 Firefighters

Response Area of department is approximately 92 square miles, which includes:

City of Neosho

District A – Inside City North of South Street

District B – Inside City South of South Street

Neosho Fire Protection District

District C – Area outside City of Neosho

Limits: Iris Road on North, Goldfinch on west, AA Highway and Redbud on South, and Panda Road on east. District lines follows section lines where no roads are located.

Mutual Aid (MA)

Assistance requested from and provided to all local fire or other agencies that request personnel, equipment, or special assistance from the fire department. Department also participates in State Wide Mutual Aid assistance request if resources are available.

Equipment Operated by Fire Department:

Vehicle Maintenance and Service

Due to the nature of the services the fire department 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, six-month and annual service. Records are maintained on all apparatus and motorized equipment. Minor service and repairs, such as oil changes, adjustments to vehicles, and equipment are performed by duty personnel or individuals within the department that have been factory trained in maintenance procedures on specific equipment. Some repairs require equipment to be sent out due to the nature of the equipment or the lack of trained individuals within the department. These would include major repairs, computerized diagnostics on apparatus engines and electrical equipment, air sampling and service of Self Contained Breathing Apparatus and their air cylinders. Our annual ISO testing of pumpers, aerial, and ground ladders are performed by an outside vender, since the department does not have proper equipment for these types of testing. We do attempt to schedule and offer these testing requirements to other departments within our area to help reduce the cost to all departments for these services.

City -

2 Pumpers and 1 Reserve Pumper
1 Aerial
1 Light Rescue
3 Service Units – pickup trucks & hydrant
1 Command Vehicles (chief)
1 Educational Trailer

Neosho Area Fire Protection District -

2 Pumpers and 1 Reserve Pumper
2 Tankers
3 Brush Units
1 Light Rescue
1 Cargo Trailer
1 Command Vehicles (deputy chief)

County Supplied Vehicle – Air Unit 1 is a Mobile Air Supply unit purchased through joint agreement of the Newton County Fire Departments and Newton County Commission. (Pickup used to supply breathing air for firefighters during emergencies.) *Area departments share cost of operations of this equipment.*

Homeland Security Equipment operated by fire department –

In September 2008, the City of Neosho Opted out of this program due to funding available to support the program. January 2010, we closed out funding from Missouri's Homeland Security Regional Response System (HSRRS) Program Funds. Team retained all equipment received through program. Unencumbered funds were reallocated to Regional Homeland Security Oversight Committee.

Team was comprised of members of the Neosho Police (Law Enforcement), Neosho Fire (Haz-Mat), and Newton County Ambulance District (Medical). Equipment has been used to support local and mutual aid operations when requested or Regional or State Responses when called for. Primary mission of Neosho Fire Haz-Mat Team was to support other Regional and State teams during times of emergency.

Equipment listed consists of Hazardous Materials and Decontamination Equipment used by the Neosho Fire Department HSRRS.

3- Prime Equipment Movers (F-250, F-550, and Bobcat loader)

- 1- 28 foot Cargo Trailer Hazardous Materials Equipment
 - 1- 20 foot Cargo Trailer Equipment Moving
 - 2- 16 foot Flat Bed Trailer Equipment Moving
 - 4- ATVs with trailers and carts Equipment Moving
- Assorted Logistical support equipment (sheltering, generators, heating system, etc.)

Equipment issued to and purchased for the team through the Homeland Security Program was in excess of \$410,000.

Fire Department Response Information

Call Volume

Year 2009 Total = 1,504 (690 fire/assist, 814 medical) **4.1** Responses per shift
 Of this total, 184 alarms were overlapping, meaning we handled 2 or more alarms at the same time.

Calls by District

District A (648) = 43% District C (391) = 26%
 District B (392) = 26% Mutual Aid (73) = 5%

Average Response Time (from receiving alarm to arrival)

City: (All equipment Engines and Ladder) = 5 minutes 44 seconds
 (Ladder only) = 7 minutes 46 seconds
 District: 9 minutes 39 seconds

Generally, Insurance Services Office's criteria say that a built-upon area of a community should have a first-due engine company within 1.5 road miles of the protected properties and a ladder-service company within 2.5 road miles. This benchmark criterion produce an expected response time of 3.2 minutes for an engine company and 4.9 minutes for a ladder-service company, based on a formula developed by the RAND Corporation. During our last evaluation ISO awarded 2.28% of possible a 4% for Distribution of Companies.

Time Spent On-Scene

City vehicles: 508.90 hours of time on-scene
 District vehicles: 740.61 hours of time on-scene

Man-hours by District (Man-hours= number of personnel responding X length of call (from receiving alarm till apparatus and equipment are returned to service)

District A and B (City 1040 alarms) = 1893.21 man-hours
 District C (District 391 alarms) = 1571.24 man-hours
 Mutual Aid (Outside City and District 73 alarms) = 279.34 man-hours
 Average hourly rate for Fire Department Personnel with all benefits (\$16.00/hour)

Average Response Turnout (Personnel On-Scene of structure fires only)

Districts A & B (City Total Incidents – 22) Average Turnout per Incident = 10
 District C (Fire District Total Incidents – 19) Average Turnout per Incident = 8
 ISO evaluation recommendation of 10 personnel for structure alarms.

Major Structure Incidents with over \$2,000 fire department estimated loss:

January – District – Hackensack Lane - \$195,000
– City – 316 S. Washington St. - \$110,000
February – City – 641 Young St. - \$7,000
March – District – 10836 Ibex Rd. - \$25,000
April – District – 10589 Norfolk Ln. - \$70,000
– City – 925 N. High St. - \$2,500
– City – 330 Patterson St. - \$8,000
May – City – 307 Phyllis Pl. - \$10,000
– District – Owl and Highway D - \$51,500
June – District – 11622 Gateway Dr. - \$7,000
August – District – 17084 Kodiak Rd. - \$19,700
– City – 725 Kentland Dr. - \$6,000
October – District – 15469 Gazelle Dr. - \$50,000
– District – 9948 Nyssa Dr. - \$6,000
November – City – 1066 Baxter St. - \$5,000
– District – 15247 Kodiak Rd. - \$5,000
– City – Southern View Dr. - \$8,000
– District – 17515 Jordan Ln. - \$30,000
December – City – 4300 Price Dr. - \$11,000
– City – 424 Adams St. – \$31,000

Fire Related Injuries or Deaths (Civilian or Fire Personnel)

No Fire Related Deaths in the City or District

No Fire Related Injuries in the City or District

Fire Department Manning/Personnel:

During our last ISO review, 1999, manning consisted of 21 fulltime uniformed personnel: 2 Chief Officers, Fire Inspector, 3 Captains, 3 Lieutenants, and 12 Engineers and one civilian. At that time department had 8 Paid-per-Call Firefighters.

ISO awards credit for the total number of members' on-duty; staffing is taken as a yearly average considering vacations, sick leave and other absences. ISO gives credit for Off-shift paid members and Paid-per-Call members responding on first alarms. At that time department received 3.27 points of a possible 15+points for Company Personnel and minimum manning was five personnel. Credit for off-shift and volunteers only count 3 per 1 individual or for 20 Off-shift and Paid-per-Call, we receive credit for only 6 additional fire personnel

After passage of the ¼ cent Sales Tax in 2001 the department was able to hire six fulltime firefighters and one full-time training officer. In 2009, department manning consist of 27fulltime uniformed personnel and one civilian and 5 Paid-per-Call personnel. Of the eight personnel assigned per shift, minimum manning is six personnel



Accident at 59 and 60

Administrative Staffing (year of hire)

Chief Greg Hickman (73)

Deputy Chief Mike Eads (86)

Administrative Assistant Mari Mallory (99)

Training Officer Scott Maness (05)

A- Shift

Captain Brad Morris (92)

Lieutenant Jim Ledford (97)

Engineer Adrian Hitchcock (02)

Engineer Tim Duncan (02)

Engineer Beau Davis (05)

Engineer Derek Williams (05)

Firefighter Gregg Lee (77)

Firefighter David Crowder (07)

B- Shift

Captain Chris Houk (89)

Lieutenant John Edsell (81)

Engineer Justin Harvel (00)

Engineer Roy Haskett (02)

Engineer Kyle Rogers (03)

Engineer Wade Sterling (04)

Firefighter Dustin Wright (07)

Firefighter Charles Colvin (07)

C-Shift

Captain Bret Smith (91)

Lieutenant Al Cervantes (95)

Engineer Bryan McCutcheon (01)

Engineer Mark Solomon (02)

Engineer Eric Brodie (95)

Engineer Ryan Bogle (05)

Firefighter Luke Powell (07)

Firefighter Chris Rogers (03)

Paid-per-Call

Captain Kevin Bartley (98)

Firefighter Kevin Eads (91)

Firefighter Cliff Richmond (01)

Firefighter Jason Bond (05)

Firefighter Ralph Quinton (79)

2009 Retirements/Resignations

Secretary/Records Kris Box

Highlights of 2009 in Review:

- Replaced Heating and A/C system at Fire Station 1 Captains Offices and Day Room
- North end repeater returned to service in April. Unit was destroyed in May 10th, 2008 Tornado
- Regional Hiring Program Missouri Southern on-going, which allows Regional Fire Departments from Joplin, Redings Mill Fire District, Neosho, Logan-Rogersville, Nevada and Stratford Fire Protection District with a list of potential employees.

- Program allows individuals interested in the fire service to test only one time per year for all departments participating in the program.
- Neosho Fire Protection District purchase new District Brush Unit 2 and Command Support Vehicle DC-902
 - Personnel assisted in plant exercises at Trouw Nutrition and Twin Rivers for Confined Space and Hazardous Materials requirements.
 - Annual pump testing for apparatus several problems found with City. Some repairs completed and some on hold. All apparatus passed except one City Pumper, which failed and could not be rated.
 - Chief Eads worked with Local Emergency Planning Commission and State Emergency Management on local LEPC tabletop and practical exercises.
 - Received 10,000 watt generator through Fire Protection District and Missouri Department of Conservation Surplus Property Program to be used as emergency power for radio equipment located at Dewey and Finney water tower.
 - Personnel assisted with several organizations for fund raising and community assistance programs: Muscular Dystrophy Association, Christmas for Kids, Newton County Food Basket Brigade, Shop with a Hero, High School Cheerleaders fund raiser, and filled numerous dunk tanks
 - Updated Hydrant Maintenance vehicle
 - District purchased traffic safety vest and additional vehicle stabilization equipment for department to be used at traffic accidents and meet State and DOT Safety Mandates.
 - Chief Hickman and Green County Emergency Management Director Ryan Nicholls selected to represent Southwest Missouri Region D on State Hazardous Materials Committee.

Fire Training, Inspections and Prevention:

During 2009 personnel participated in 65 different training subjects totaling 313.5 hours of classroom and hands-on training.

- Department provided 9 fire extinguisher training presentations with 240 adults.
- Training Officer Scott Maness and Engineer Adrian Hitchcock worked with Juvenile Fire Setters Program and The Alliance of Southwest Missouri Safe Kids Program.
- Training Officer Maness working with Crowder College Fire Science Advisory Board.
- Crews and Staff assisted with several Chamber Activities through the year.
- Training Staff: Maness, Hickman, Hitchcock, Houk, Kyle Rogers, Haskett, Bogle and Firefighters Powell and Colvin, and Lieutenant Cervantes assisted with training programs in other departments within county.
- Training Staff: Maness, Houk, Bogle, Haskett, and Hickman became Certified Instructors for Missouri Emergency Response Commission Haz-Mat Awareness and Operational Levels of Hazardous Materials.
- Deputy Chief Eads and Captain Morris gave several presentations to local schools about fire service careers.
- Department provided several Ride-a-Long programs for local firefighter training and Central Dispatchers
- Personnel provided 349 man hours of Public Education and Prevention, Inspections, and Public Service activities including 2009 Fire Prevention Presentations

City of Neosho
 NFPA Fire Experience Survey
 01/01/2009 to 12/31/2009

Part III: BREAKDOWN OF STRUCTURE FIRES AND OTHER FIRES AND INCIDENTS

A. FIRES IN STRUCTURES BY FIXED PROPERTY USE	Number of Fires	Civilian Casualties		Property Damage
		Deaths	Injuries	
1. Private Dwellings	26	0	0	519,000
2. Apartments	0	0	0	0
3. Hotels and Motels	0	0	0	0
4. All Other Residential	2	0	0	36,000
5. TOTAL RESIDENTIAL FIRES	28	0	0	555,000
6. Public Assembly	0	0	0	0
7. Schools and Colleges	0	0	0	0
8. Health Care/Penal	0	0	0	0
9. Stores and Offices	2	0	0	500
10. Industry/Utility	0	0	0	0
11. Storage in Structures	4	0	0	74,300
12. Other Structures	1	0	0	8,000
13. TOTAL STRUCTURE FIRES	35	0	0	637,800
B. OTHER FIRES AND INCIDENTS				
14a. Highway Vehicles	17	0	0	67,000
14b. Other Vehicles	6	0	0	150,000
15. Non-Structure/Non-Vehicle	11	0	0	0
16. Brush/Grass/Wildland	46	0	0	XXXXXXXXXXXXXX
17. Rubbish/Dumpsters	15	0	0	XXXXXXXXXXXXXX
18. All Other Fires	4	0	0	0
19. TOTAL FOR FIRES	134	0	0	854,800
20. Rescue/Emergency Med	915	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
21. False Alarms	52	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
22. Mutual Aid (Given)	86	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
23a. Hazmat Responses	25	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
23b. Other Hazardous Responses	32	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
24. All Other Responses	257	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
25. TOTAL FOR ALL INCIDENTS	1,501	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		

Part IV: BREAKDOWN OF FALSE ALARM RESPONSES

Type of Response	Number of Incidents
1. Malicious, Mischievous False Call	3
2. System Malfunction	11
3. Unintentional	15
4. Other False Alarms	23

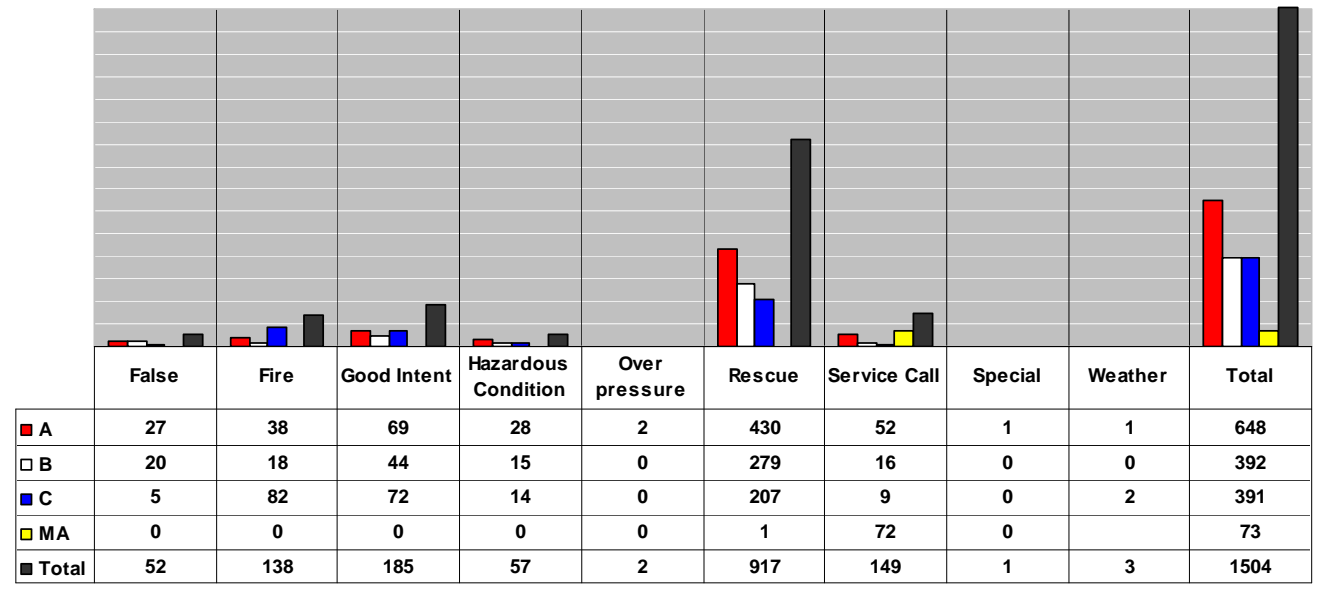
Part V: INTENTIONALLY SET FIRES IN STRUCTURES AND VEHICLES

	Number of Fires	Civilian Casualties		Property Damage
		Deaths	Injuries	
1. Structure Fires Intentionally Set	2	0	0	10,000
2. Vehicle Fires Intentionally Set	0	0	0	0

Part VI: FIRE SERVICE EXPOSURES AND INJURIES

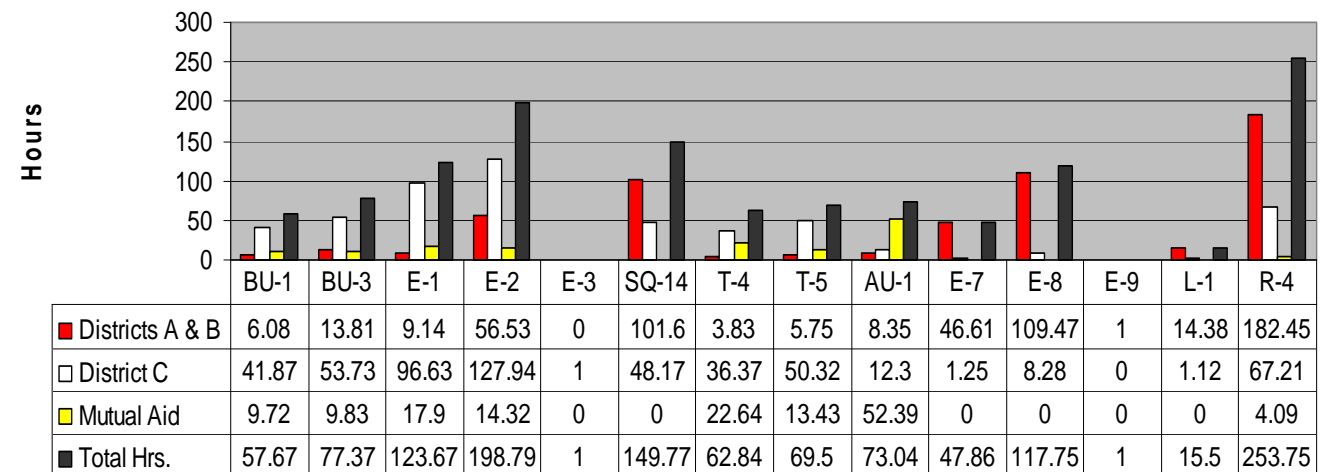
Total Number of Infectious Disease Exposures.....:	0
Total Number of Hazardous Condition Exposures.....:	0
Total Number of Nonfatal Firefighter Injuries.....:	0

2009 Incident Type Summary by Districts



Incidents Types are broken down into 9 general areas. During 2009 there were 107 different types of services performed.

Apparatus Useage 2009



District Apparatus: BU-1, BU-3, E-1, E-2, E-3 & SQ-14

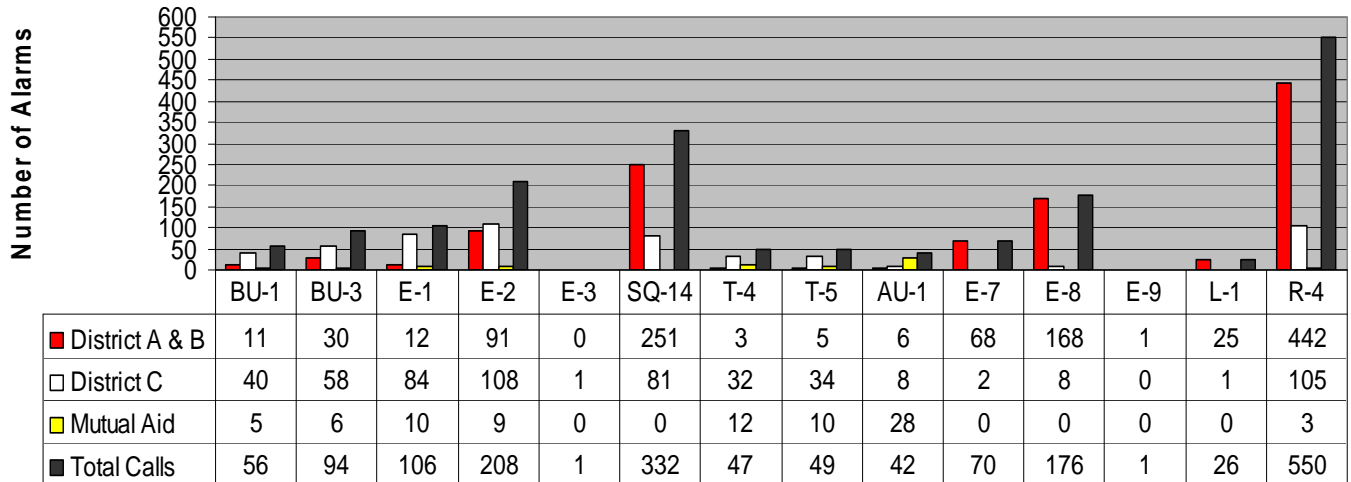
City Apparatus: AU-1, E-7, E-8, E-9, L-1, R-4

Districts A&B - inside the City Limits of Neosho

District C - area inside the Neosho Area Fire Protection District

Mutual Aid – area outside the City and the Fire Protection District

Apparatus Responses 2009



District Apparatus: BU-1, BU-3, E-1, E-2, E-3 & SQ-14

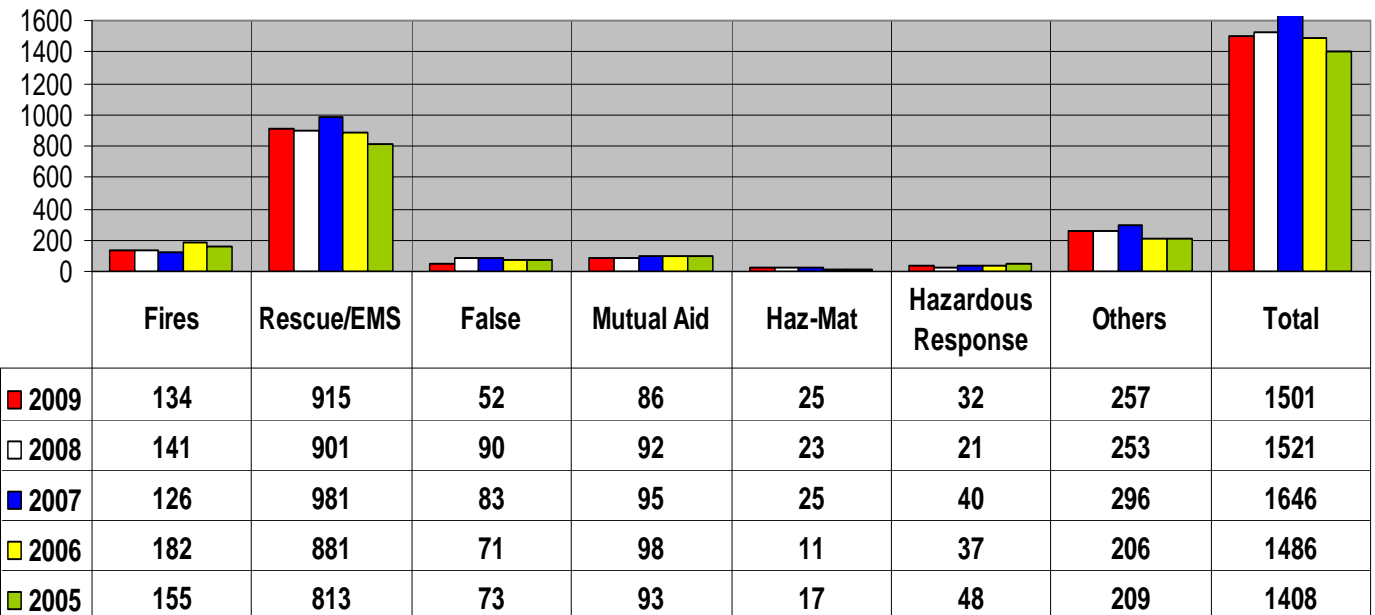
City Apparatus: AU-1, E-7, E-8, E-9, L-1, R-4

Districts A&B - inside the City Limits of Neosho

District C - area inside the Neosho Area Fire Protection District

Mutual Aid – area outside the City and the Fire Protection District

Experience Survey 2005 - 2009



National Fire Protection Association (NFPA) Fire Experience Survey over the past 5 years for Neosho Fire Department

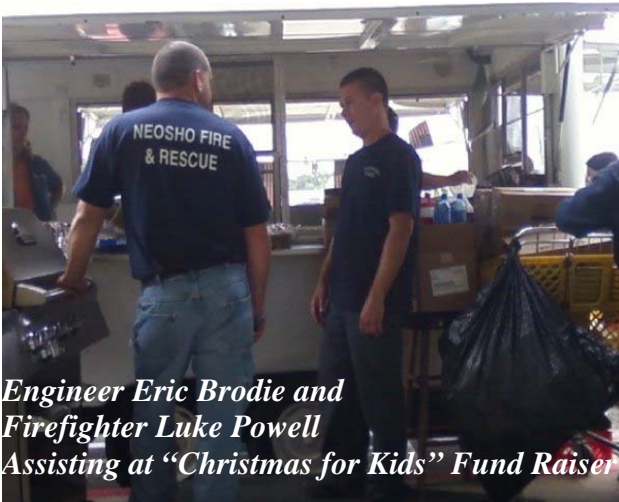
Other Activities:



Part of Weekly maintenance program



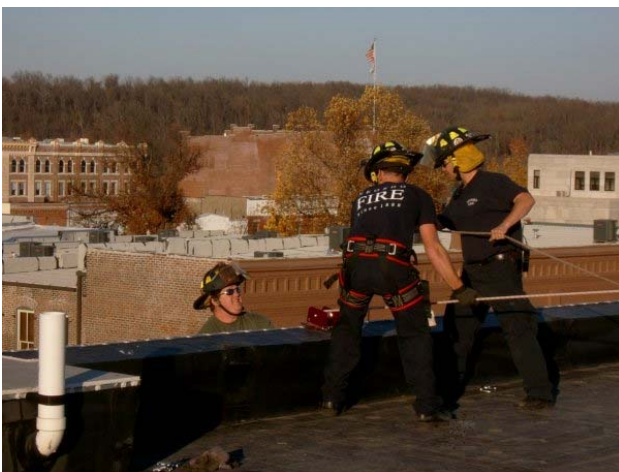
***New Engine 2
Neosho Area Fire Protection District***



***Engineer Eric Brodie and
Firefighter Luke Powell
Assisting at "Christmas for Kids" Fund Raiser***



***Captain Morris taking
Physical Agility testing in Joplin***



Rope and Rescue Training



Rope and Rescue Training



Haz-Mat Training



Med Evac Landing Zone at accident Scene



Thermal Imaging checking for hot spots