



**RUSSELLVILLE
FIRE/RESCUE
ANNUAL REPORT
2009**

HON. TYRONE WILLIAMSON,
Mayor of Russellville

YOUR HONOR:

We submit herewith the report of the Russellville Fire Department for the year 2009.

The principle function of a fire department is the protection of life and property through the management of fire and related risks. We are happy to report that in spite of fiscal constraints along with a number of large-scale emergencies that plagued the region, the losses during the year 2009 were kept to a minimum according to Department records.

Several factors contributed to the Department's record, creative and frugal use of appropriated funding and resources and a dedicated and committed organization who rose to the every challenge presented to them throughout the year. The members of your fire department performed admirably and willingly to every assignment presented to them, whether it was at the emergency scene, sustaining operational readiness, maintaining facilities and equipment, or creative management of time and resources due to unforeseen challenges in staffing levels and operational costs.

The Department is making progress in many ways, all of which is an effort to serve the citizens of Russellville in the most efficient and effective way. It is a pleasure to be the overseer of this great organization and to serve as our community's fire chief.

Respectfully submitted,

John L. Cochran
Chief of Department



MISSION STATEMENT



The Russellville Fire Department exists to enhance the quality of life in Russellville by minimizing the devastating effects of fires, medical emergencies, and disasters.



HISTORY

Organized: 1905. The Russellville Fire Department was organized in 1905 when the town fathers authorized the creation of a volunteer department along with the purchase of various firefighting equipment made up of a hand operated engine, hook and ladder truck, fire hose, and an assortment of related equipment .

An Evolving Organization. As the small community grew so did the department. For the first 60 years of its existence the department remained an all volunteer force. It wasn't until 1967 that the community identified a need to augment the volunteer force with paid drivers. For the next 40 plus years the department gradually evolved from an all volunteer department to the one today that is comprised of an all career force serving from four fire stations.

Department Highlights:

1905 – first organized 1905 as a volunteer department

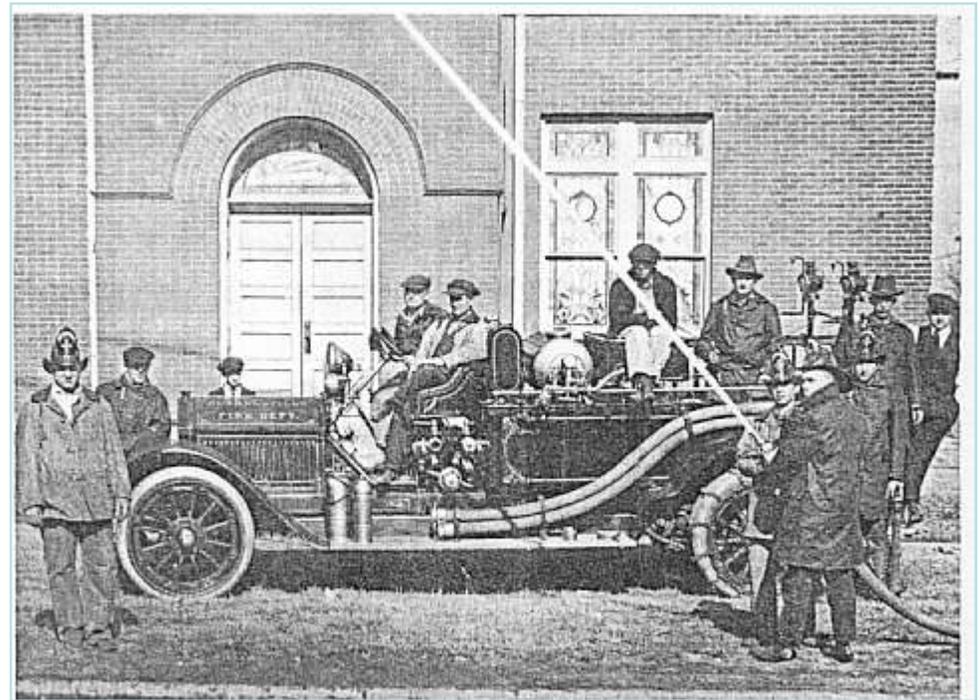
1906 – major fire destroys most of general business district

1915 – first motorized apparatus placed in service – American LaFrance fire engine

1925 – second ALF engine placed in service

1927 – department moves into first permanent quarters

1946 – volunteer fireman Frank Dodd killed in line of duty



Volunteer Force, circa 1922

1967 – first career firefighters appointed

1979 – first career fire chief appointed

1981 – fire station 2 opens

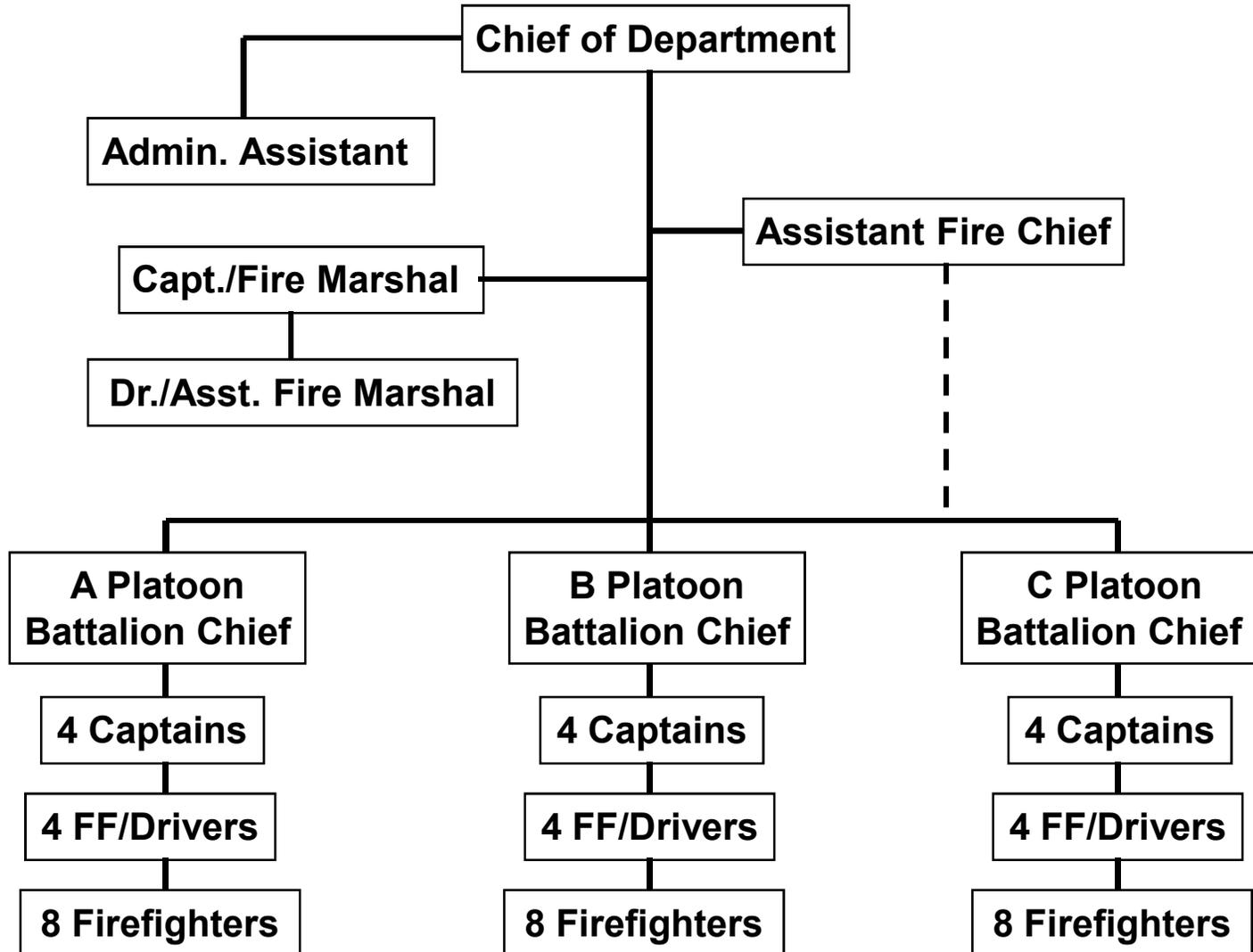
1990s – department transitions into all career department

1992 – fire stations 3 and 4 open

1993 – department begins augmenting emergency medical calls

2002 – department begins providing hazardous materials response

ORGANIZATION



ROSTER

Chief of Department
JOHN L. COCHRAN

Assistant Fire Chief/Training Officer
DOUG LEWIS

Fire Marshal
CAPTAIN RICHARD SETIAN

Assistant Fire Marshal
LEE WEATHERALL

Administrative Assistant
CATHY JOHNSON *

A PLATOON

Battalion Chief, BRENT HAMM

ENGINE & TRUCK Co. 1
Captain, S. Smart
Firefighter/Dr., M. Signor
Firefighter, B. J. Moore
Firefighter, C. Vick
Firefighter, J. Pitts
Firefighter, A. White
Firefighter, K. Davis

ENGINE Co. 2
Captain, T. Chamberlin
Firefighter/Dr., B. Morehouse
Firefighter, L. Knight

ENGINE Co. 3
Captain, C. Chappell
Firefighter/Dr., G. Widner
Firefighter, T. Sigle

ENGINE Co. 4
Captain, B. Moix
Firefighter/Dr., J. Wilmoth
Firefighter, O. Picton

B PLATOON

Battalion Chief, KIRK SLONE

ENGINE & TRUCK Co. 1
Captain, K. McBryde
Firefighter/Dr., M. Mitchell
Firefighter, J. Isaac
Firefighter, J. Bryant
Firefighter, S. Pennell
Firefighter, J. Patterson
Firefighter, A. Meier

ENGINE Co. 2
Captain, D. Roe
Firefighter/Dr., J. Davis
Firefighter, M. Rinke

ENGINE Co. 3
Captain, P. Pestel
Firefighter/Dr., D. Anderson
Firefighter, J. Terrell

ENGINE Co. 4
Captain, G. Martin
Firefighter/Dr., T. Goates
Firefighter, M. Morton

C PLATOON

Battalion Chief, AARON PETTY

ENGINE & TRUCK Co. 1
Captain, R. Chandler
Firefighter/Dr, R. Paul
Firefighter, M. Loyd
Firefighter, B. Barnhouse
Firefighter, B. Noland
Firefighter, C. Chronister
Firefighter, D. Davis

ENGINE Co. 2
Captain, J. Threlkeld
Firefighter/Dr., G. Sutterfield
Firefighter, J. Smith

ENGINE Co. 3
Captain, K. Griffin
Firefighter/Dr., J. Pipes
Firefighter, D. Metz

ENGINE Co. 4
Captain, B. Aylesworth
Firefighter/Dr., D. Taylor
Firefighter, T. Wagner

* Reappointed in May of 2009

APPOINTMENTS

Probationary Firefighter Andrew White
Probationary Firefighter Aaron Meier
Probationary Firefighter Cody Chronister
Probationary Firefighter Daniel Davis
Probationary Firefighter Keith Davis

PROMOTIONS

Assistant Fire Chief Doug Lewis
Battalion Chief Aaron Petty
Captain Scott Smart
Captain Brent Moix
Captain Chris Chappell
Firefighter/Driver Rodney Paul
Firefighter/Driver Greg Sutterfield

RETIREMENTS

Assistant Fire Chief, John D, Farrell
Captain, Micah Martin (medical)

* Includes long-term job and non-job related absences due to illness or injury

** Retired on medical disability

RESIGNATIONS

Firefighter Dennis Hurley
Firefighter Ty Ledbetter
Firefighter Shane Kasper
Niki Higginson (civilian)

REINSTATEMENTS

Cathy Johnson (civilian)

LIGHT DUTY *

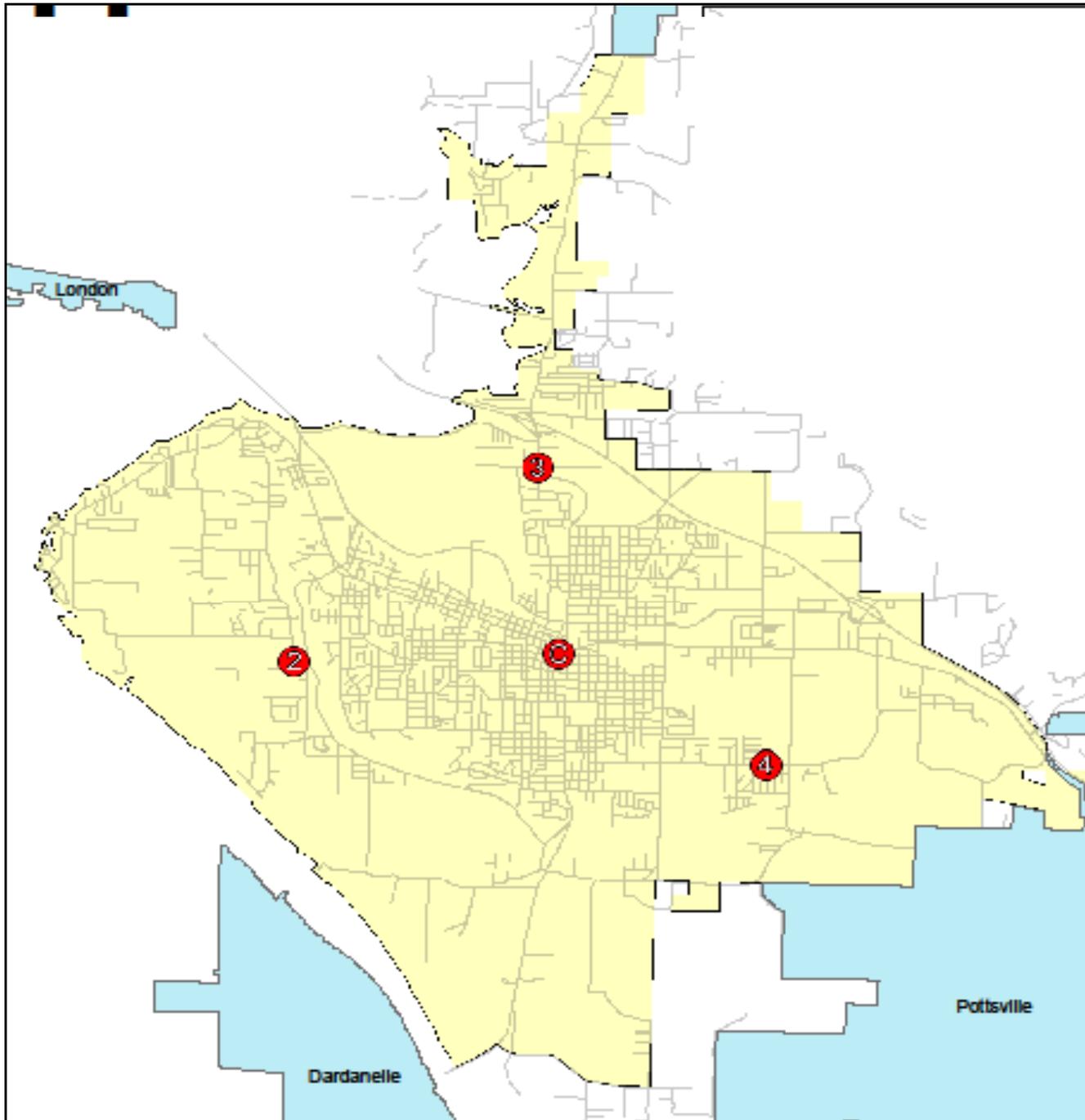
Captain Glen Martin
*Captain Micah Martin ***
Firefighter/Driver Greg Widner
Firefighter/Driver Rodney Paul

DEATHS

Volunteer Firefighter Bobby Rollow, ret.



Funeral detail for retired firefighter Bobby Rollow.



RUSSELLVILLE FIRE STATION DISTRIBUTION

Central Fire Station

203 W. 2nd Street

Area served: central city and back up to other stations.

Houses: Administrative Offices, Battalion 1, Engine and Truck Co. 1

Station 2

109 Hill Top Drive

Area Served: Western section of city including Norristown Mountain.
Houses: Engine Co. 2 and Reserve Engine 5

Station 3

1920 N. Arkansas Avenue

Area Served: Northern section of city including Arkansas Tech University

Houses: Engine Co. 3 and Hazmat 1

Station 4

2316 E. 16th Street

Area Served: Southeastern section city including industrial park.

Houses: Engine Co. 4 and Reserve Engine 6

2009 HIGHLIGHTS

- Significant decline fire loss experience from previous year.
- Delivery of three new fire engines and accompanying equipment.
- Upgrade of living quarters of the Central Fire Station and similar repair work at two sub stations.
- Mechanical upgrade and reconditioning of older fire apparatus.
- Graduation of four probationary firefighters from state fire academy minimum standards class and EMT certification.
- Appointment of four probationary firefighters to the department.



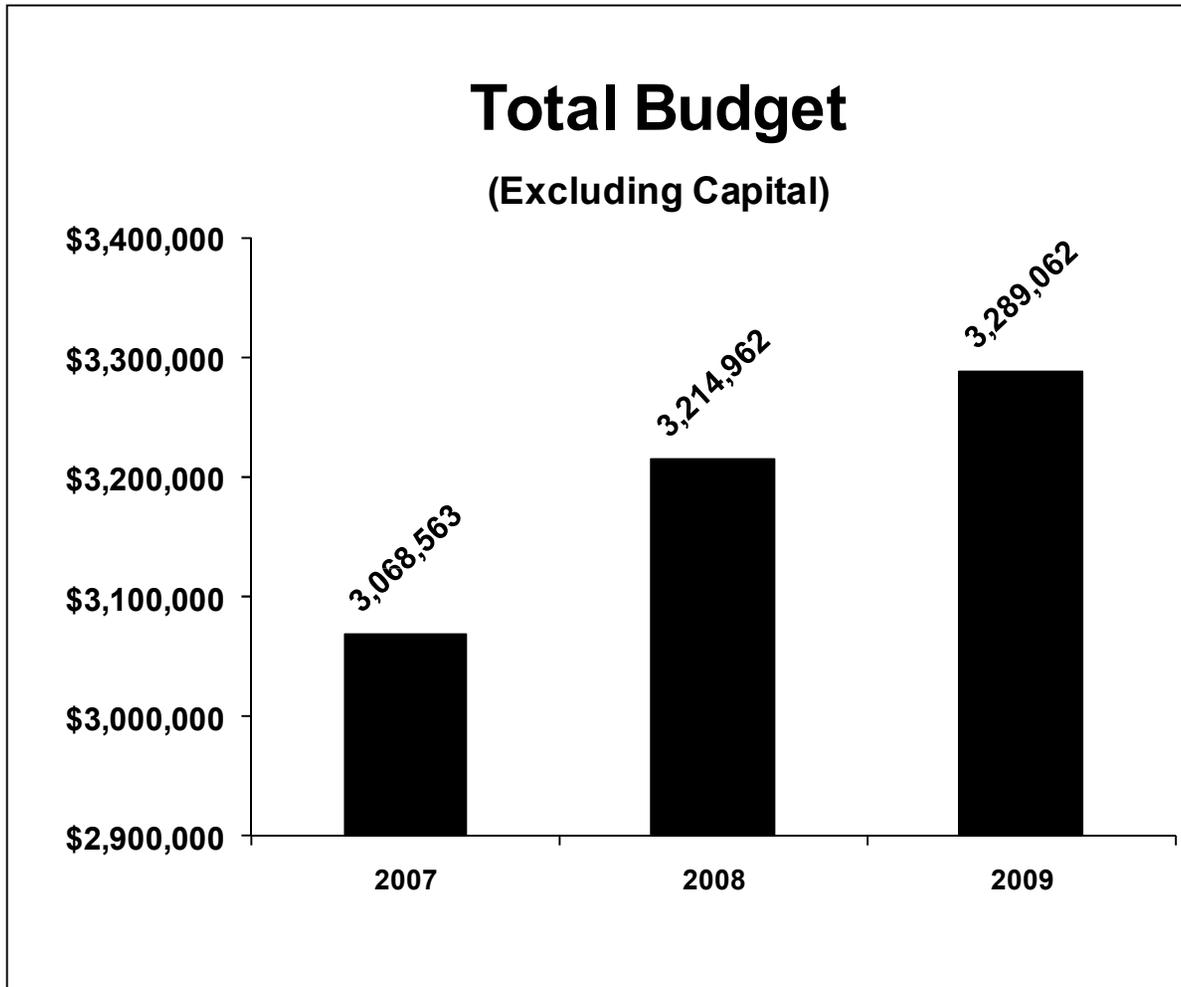
Quarterly Company Drill Training



Public Relations

BUDGET

THREE YEAR COMPARISON



Increase over 3 year period:

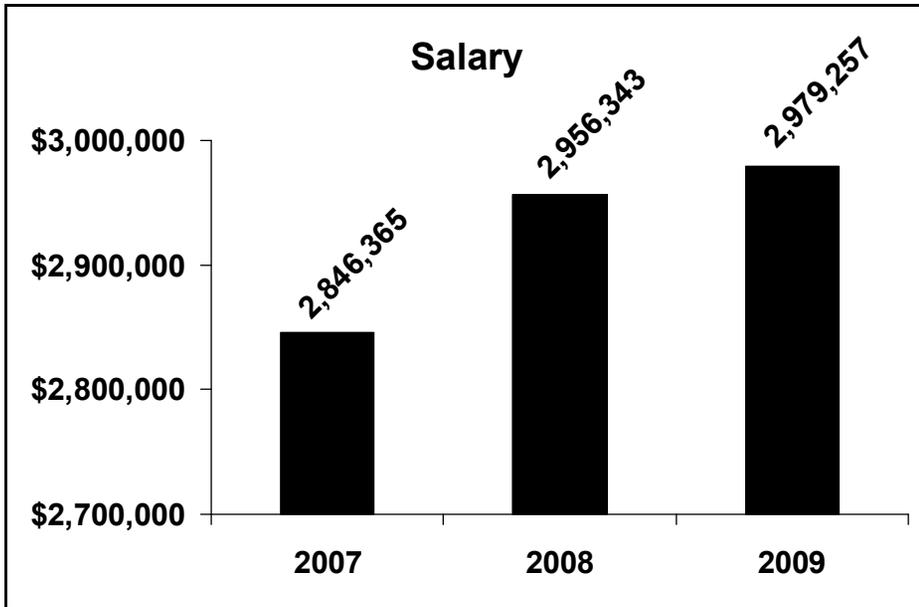
7 %

Due to:

- Cost of living increase of 3% in 2008 and 4.5% in 2009.
- 2008 salary adjustments per Johansson Study recommendations.
- Adjustments in operating expenses.

BUDGET

THREE YEAR BREAKDOWN

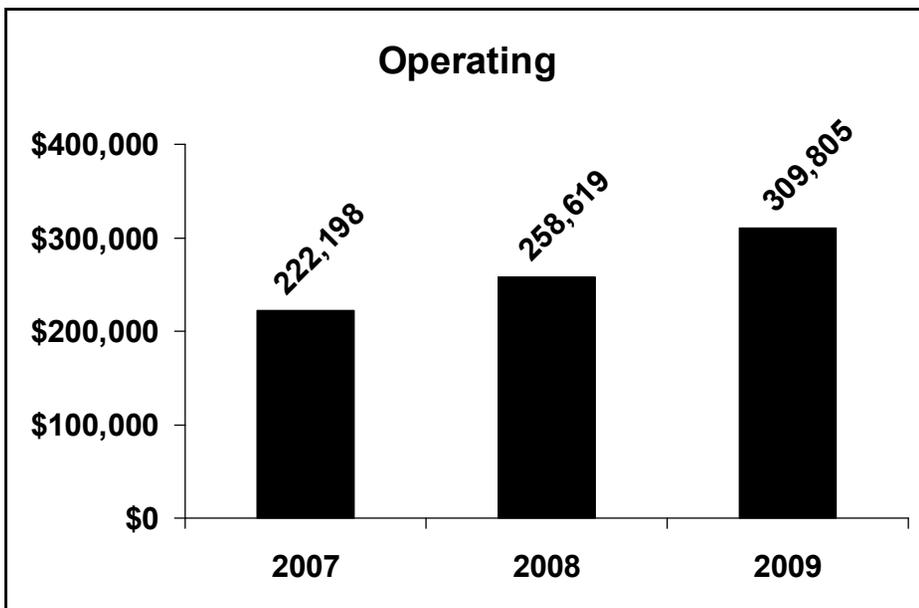


Increase over 3 year period:

4.7 %

Due to:

- Cost of living increase of 3% in 2008 and 4.5% in 2009.
- 2008 salary adjustments per Johansson Study recommendations.



39 %

Due to:

- Adjustments to operating expenses due to pre-2008 budget freezes and inflation.

NEW APPARATUS

The department took delivery of three new Smeal Fire Apparatus engines that were ordered in early 2008.

Features include:

- 1250 gallon per minute pump
- 500 gallon booster tank
- Multi-purpose unit designed for fire, EMS, rescue
- 4-person seating
- Short 161 inch wheelbase (12-15 inches than typical pumper)
- Length - 27 feet (2-3 feet shorter than typical pumper)



APPARATUS REPAIR

Much needed upgrade of Engine Co. 2's apparatus included:

- Replacement of worn cab leaf springs.
- Wide assortment of fire pump repair such as replacement of packing, discharge and intake valve, pressure gauge, and other minor work.
- Complete servicing of engine, transmission and differential.
- Replacement of cab mirrors
- Minor body and cosmetic work.

Approximate expenditures: \$6,500



NOTE: A measurable amount of savings was made in labor cost due to Engine 2 firefighters conducting some of the repair work while on duty.

FIRE STATION IMPROVEMENTS

Central Fire Station:

- Replacement of 3 out of 4 roof air and heating units.
- Major overhaul of emergency generator.
- Replacement of main sewer line.
- Repair of front bay doors.
- Repainting of entire engine room.
- Replacement of aging and stained ceiling grid and insulation of first floor living quarters.
- Removal of carpet in dayroom and replaced with sealed concrete floor.
- Replaced stair treads and trimming.
- Patched significant leaks of roof.
- Resealed leaking second floor shower stall pan and tile.
- Furniture upgrades in firefighter's living quarters including day room chairs and kitchen table.

NOTE: A savings of approximately \$8-10,000 was made in labor cost due to firefighters painting the engine room themselves vs. hiring a painting contractor.



Approximate Expenditures:

\$ 50,000



FIRE STATION IMPROVEMENTS



FIRE STATION 3
North Arkansas Avenue



FIRE STATION 4
East 16th Street

- Patched leaking roofs and flashing.
- Repaired emergency generators.
- Upgraded aging and broken plumbing.
- Installed awnings above side and rear exits to reduce water penetration around walls.
- Replace interior walls in dormitories due to mold and related water damage.
- Repainted exterior rear walls and doors.

SPECIAL EVENTS

The department is dedicated to contributing to the quality of life within the community and reinforcing that commitment through community outreach programs and special events. Fire companies participated in several community events throughout the year to promote fire safety, injury prevention and disaster management:

- Leadership Russellville
- FLW Bass Tournament
- Tri-peaks Challenge
- Valley Fest
- 4th of July Extravaganza
- B.A.S.S. Bass Tournament
- RHS Homecoming
- ATU Homecoming
- AHA Heartwalk
- Downtown Fallfest
- Fire Station Trick-or-Treat
- Russellville Christmas Parade
- Toys-For-Kids
- Various large-scale sporting events



2009 Youth Academy

CERT TRAINING

Members trained Arkansas Tech University (ATU) students as part of the Pope County CERT program. The CERT program is a network of volunteers that exercise the skills and training they have received to assist the community and emergency response agencies during a major crisis. The CERT team was activated during the 2009 Downtown Fallfest and the Annual Christmas Parade to assist with security and logistics.



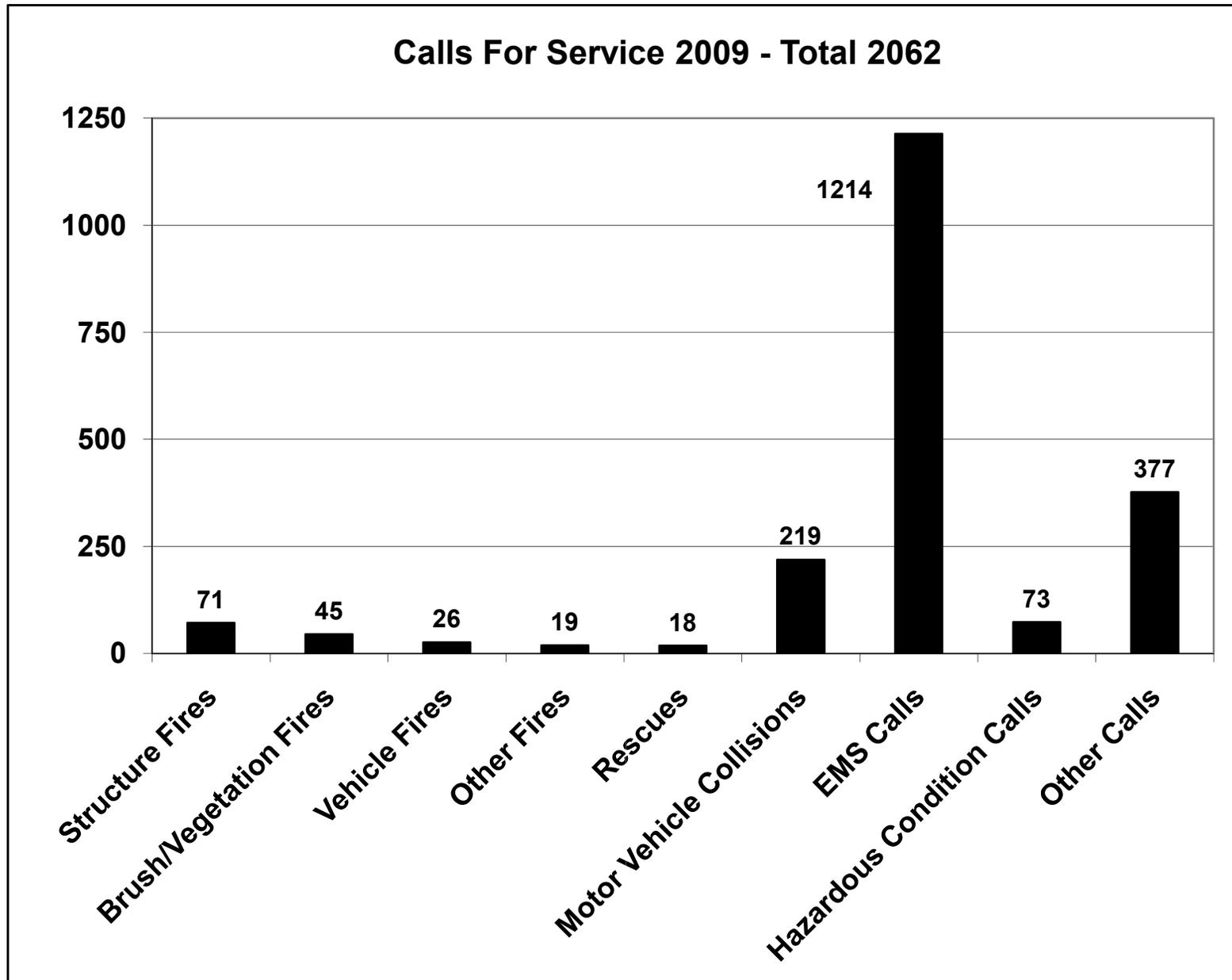
OPERATIONS

- The department is a full service department priding itself in the management of fire risks within the City of Russellville.
 - The department operates out of four stations and is currently authorized for 56 positions.
 - 55 of those positions are uniformed and 1 is civilian.
 - The positions consist of the Fire Chief, Assistant Fire Chief/Training Officer, 3 Battalion Chiefs (Shift Commanders), Fire Marshal, Assistant Fire Marshal, 12 Captains, 12 Firefighter/Drivers, 24 Firefighters and an Administrative Assistant.
- The department provides emergency response to all fires, life threatening medical emergencies, rescues, and hazardous materials incidents:
 - As part of the department's technical rescue services, firefighters respond to incidents involving high-angle and rope rescue, confined space rescue and swift water rescue.
 - The department is a major component of the Pope County OEM emergency planning and response strategy as well as providing it's services as part of the Arkansas Nuclear One Emergency Response Plan.
 - The department also provides an eight-county regional emergency response to significant hazardous materials and WMD incidents.

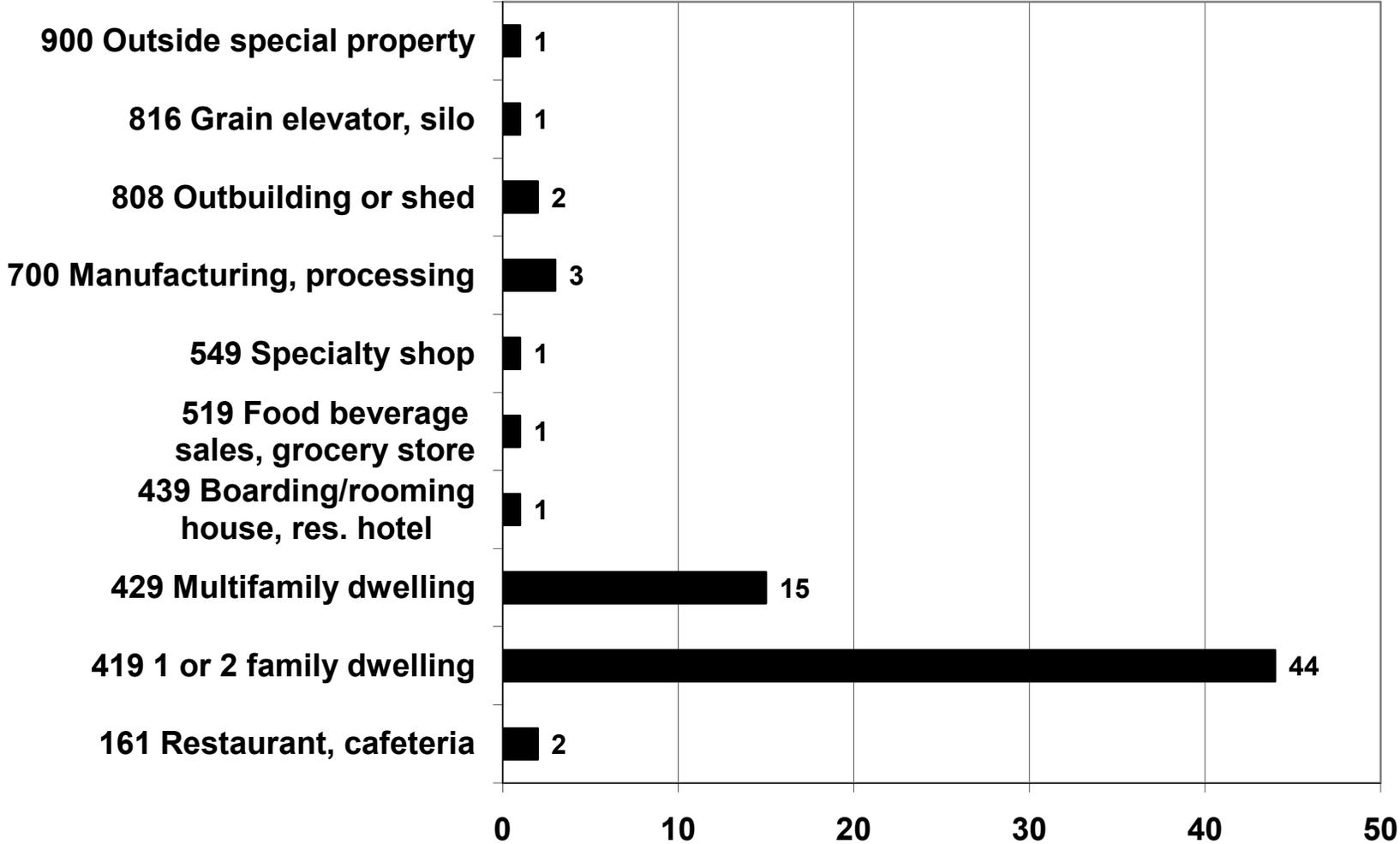


Residential Structure Fire

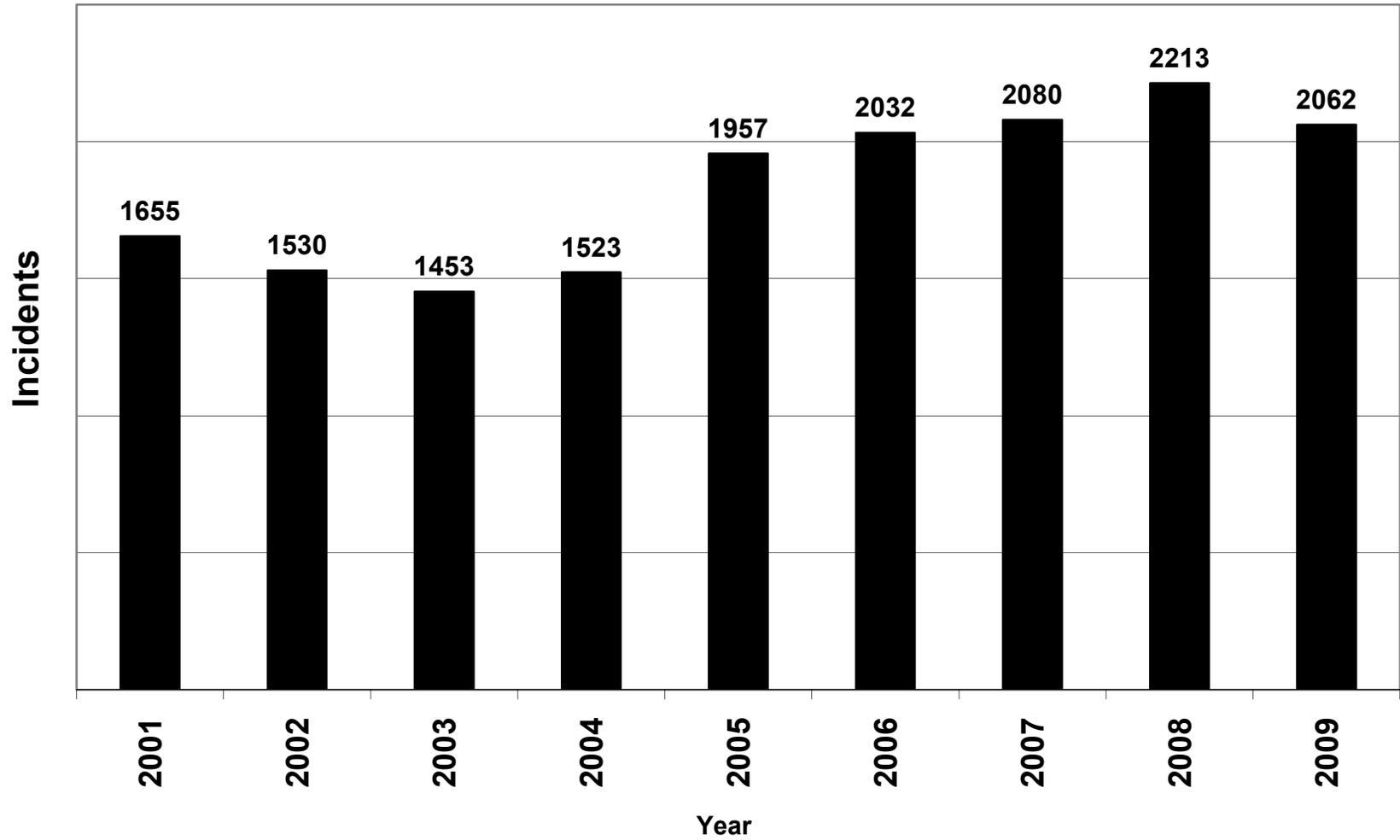
STATISTICS



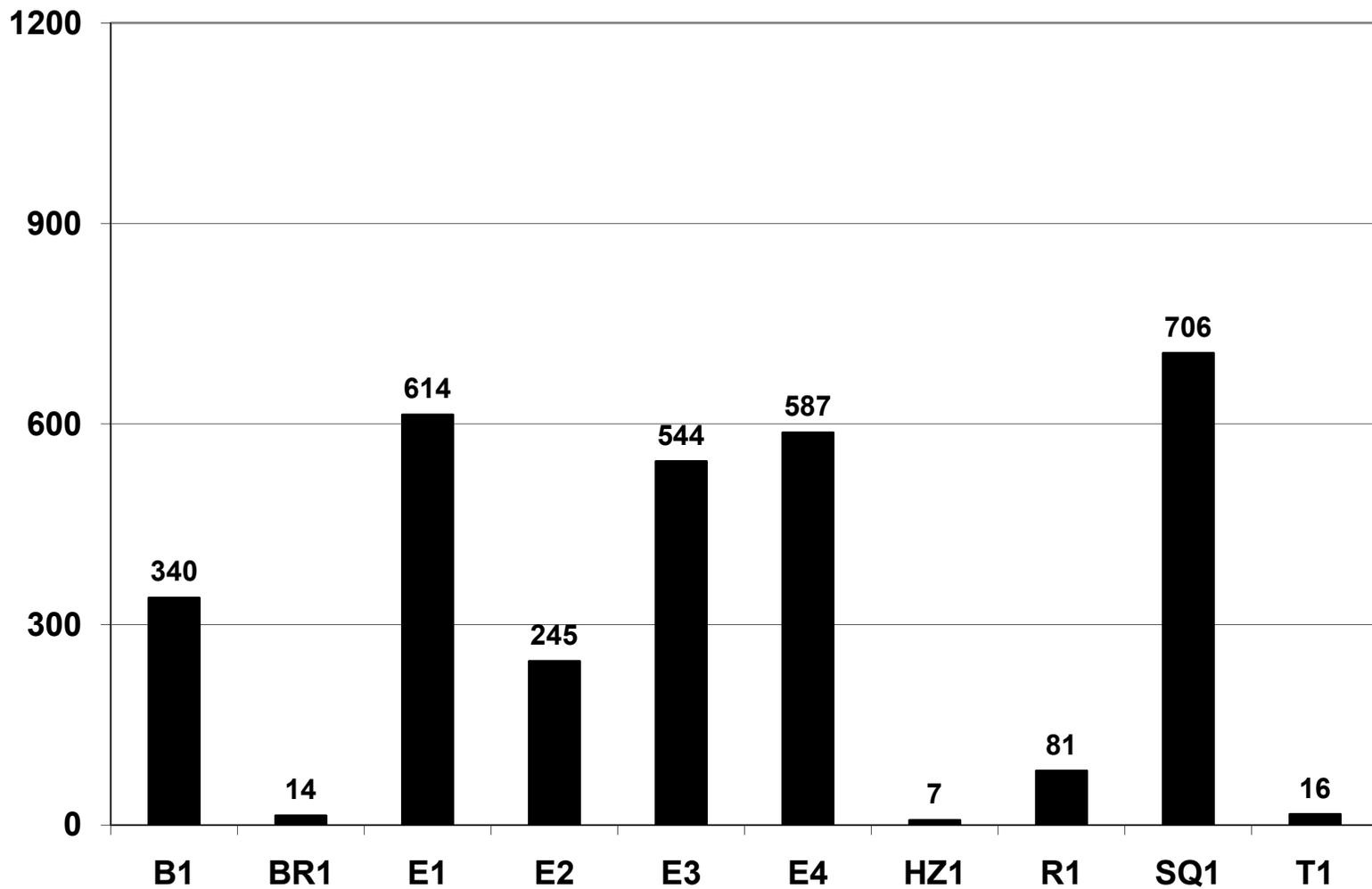
Fire Incidents by Property Use 2009



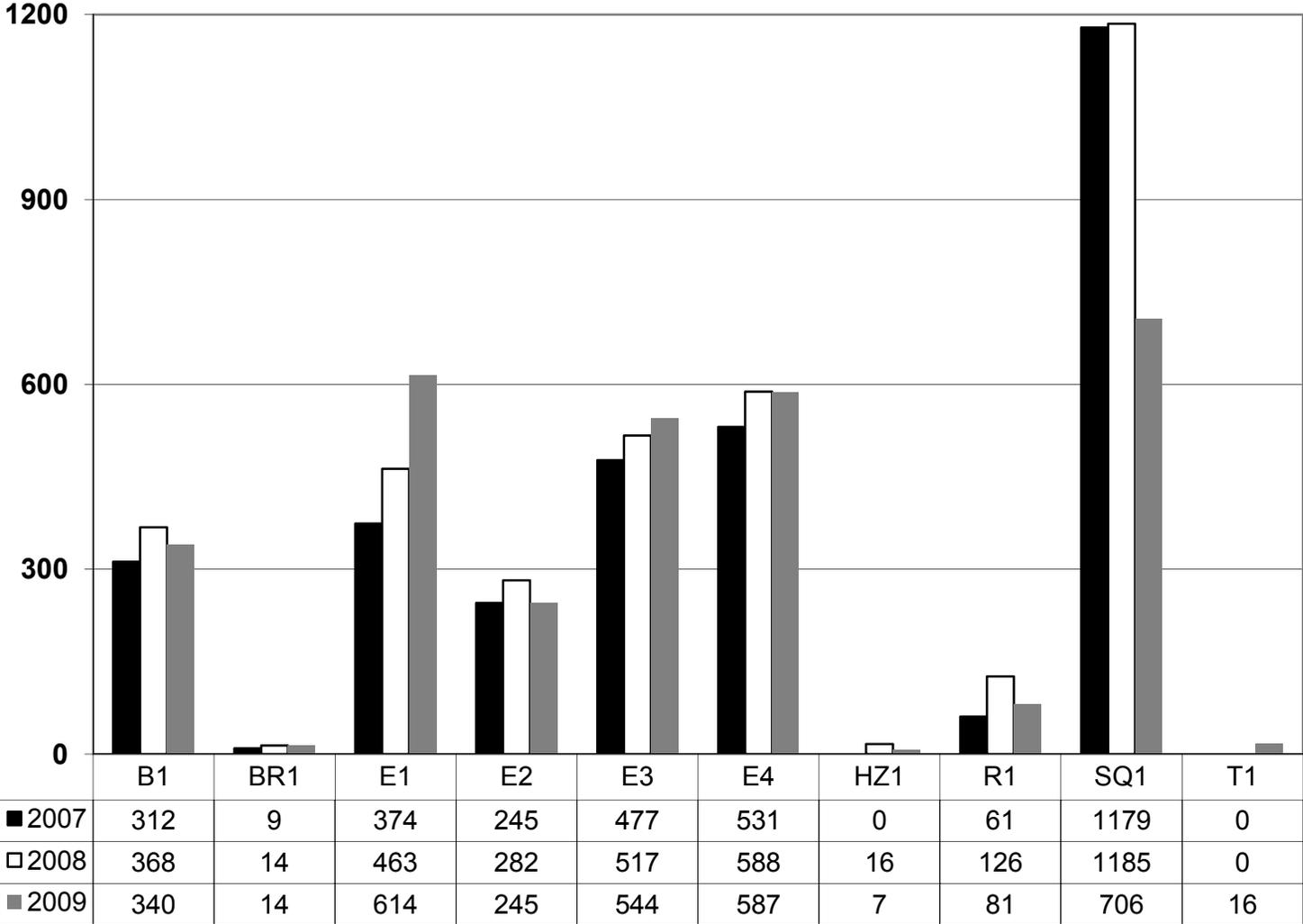
Annual Incident Comparison



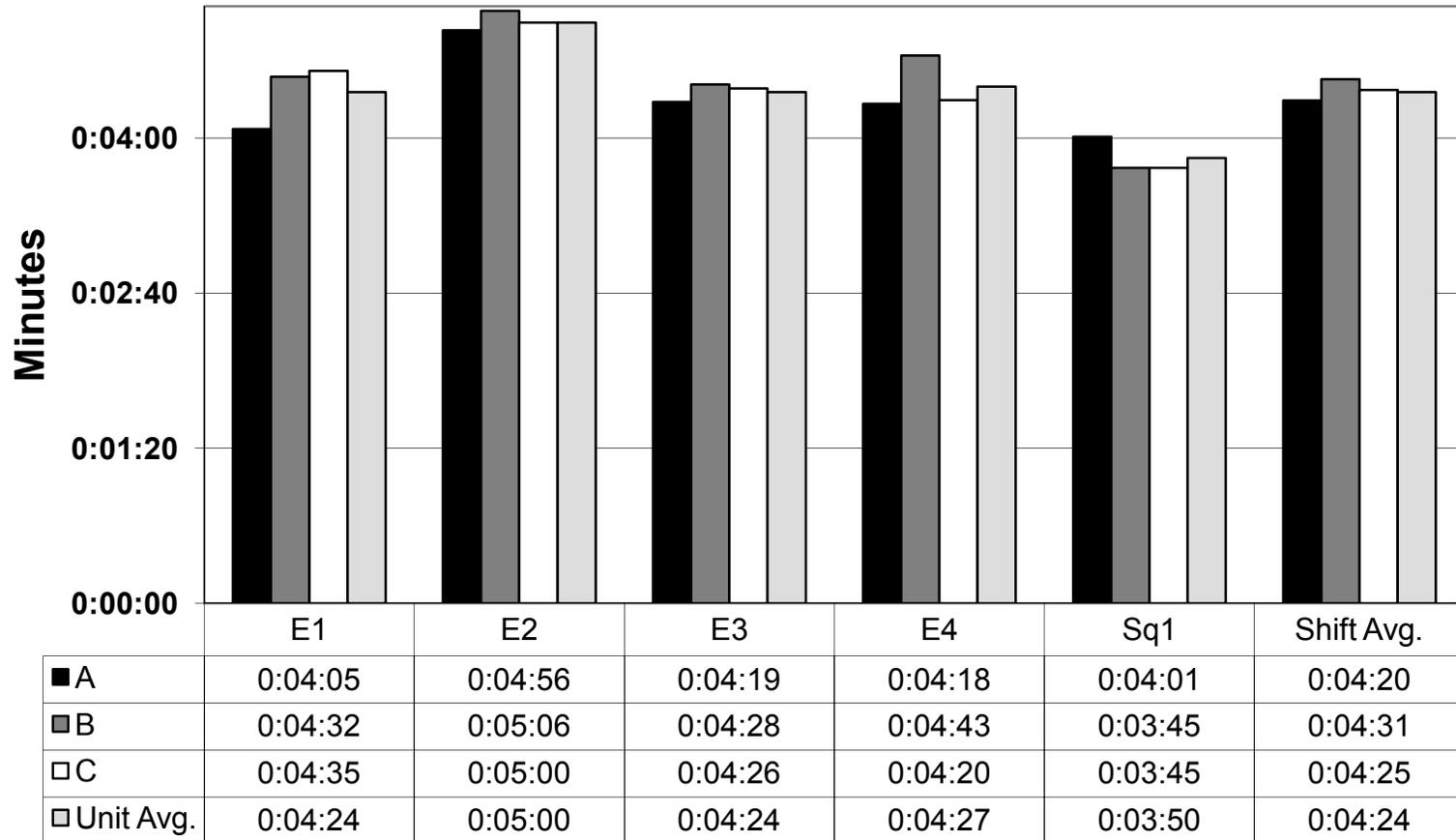
Responses by Unit 2009



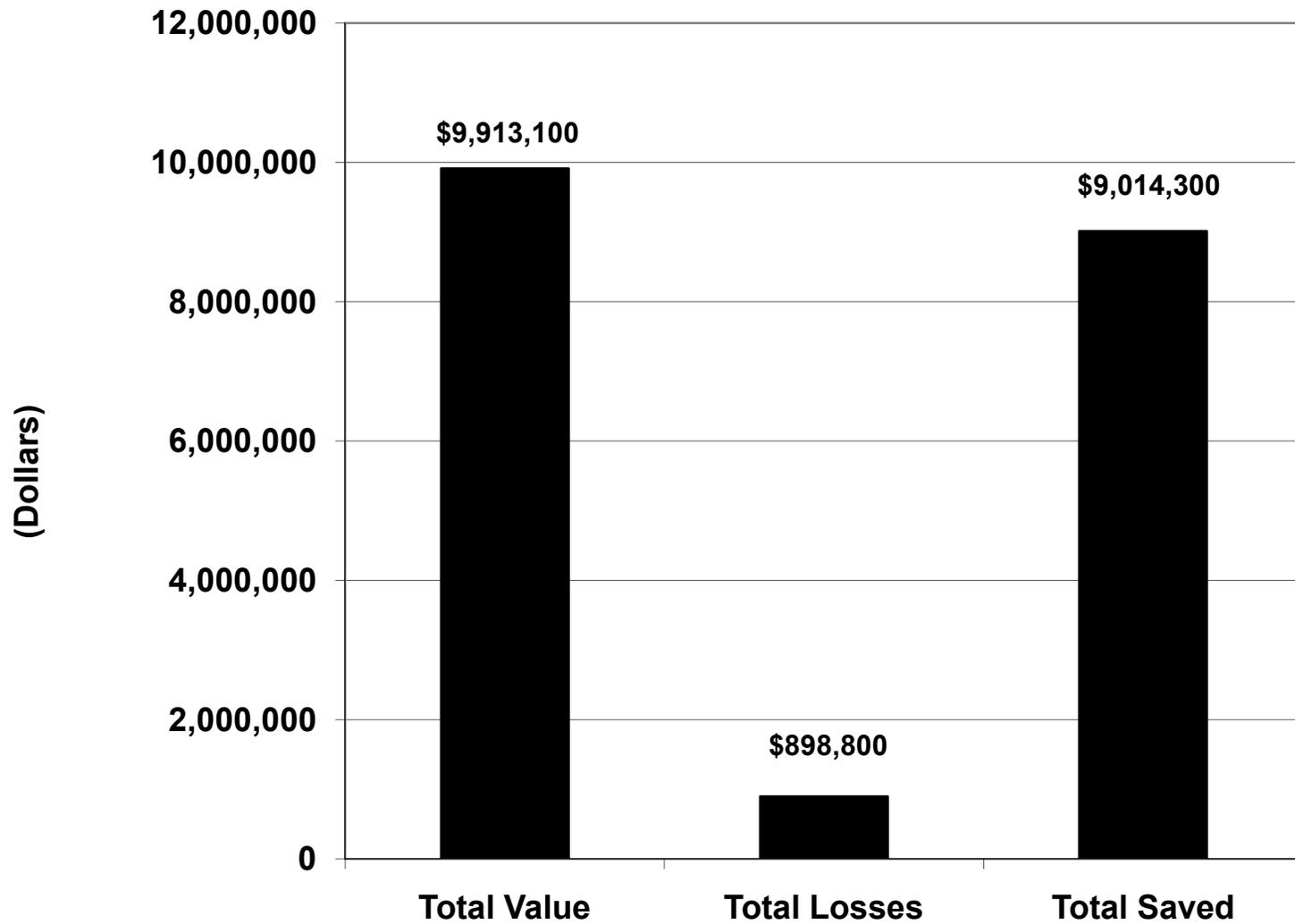
Responses by Unit 2007- 09 Comparison

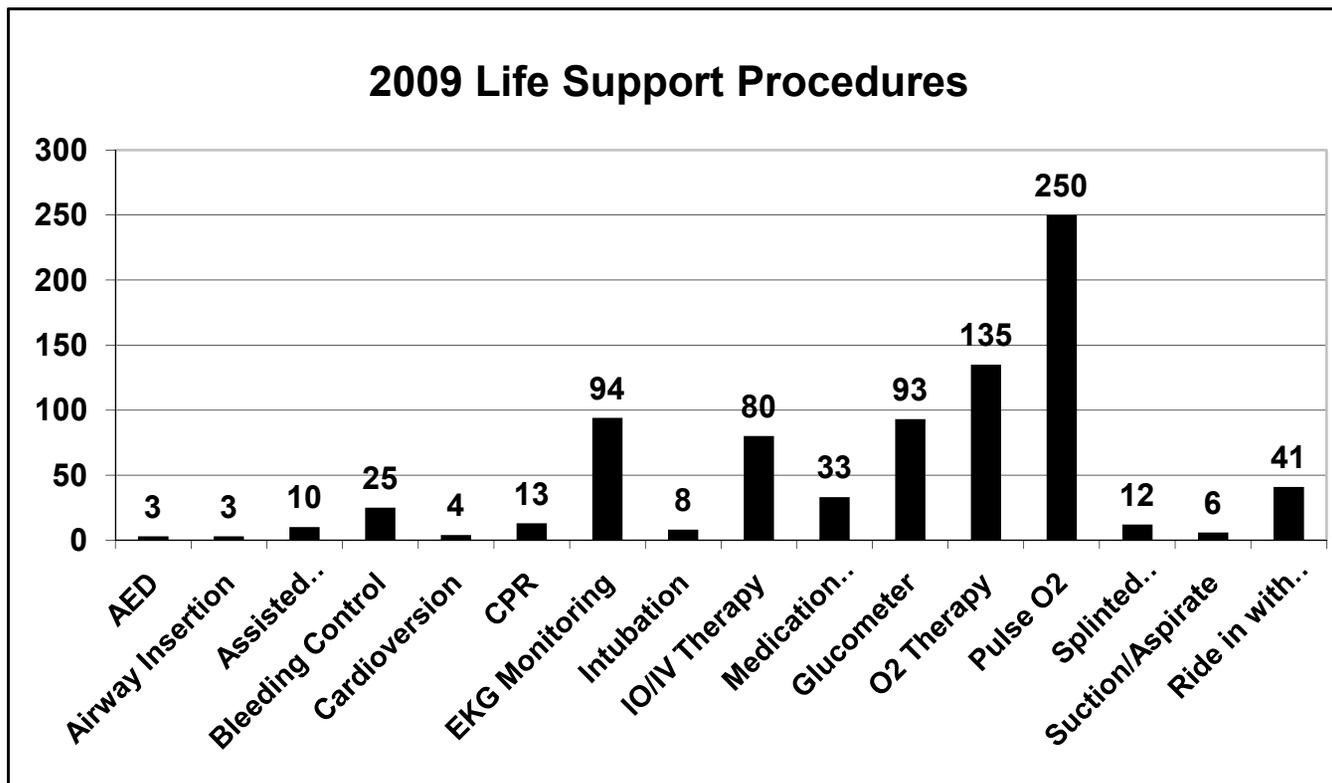
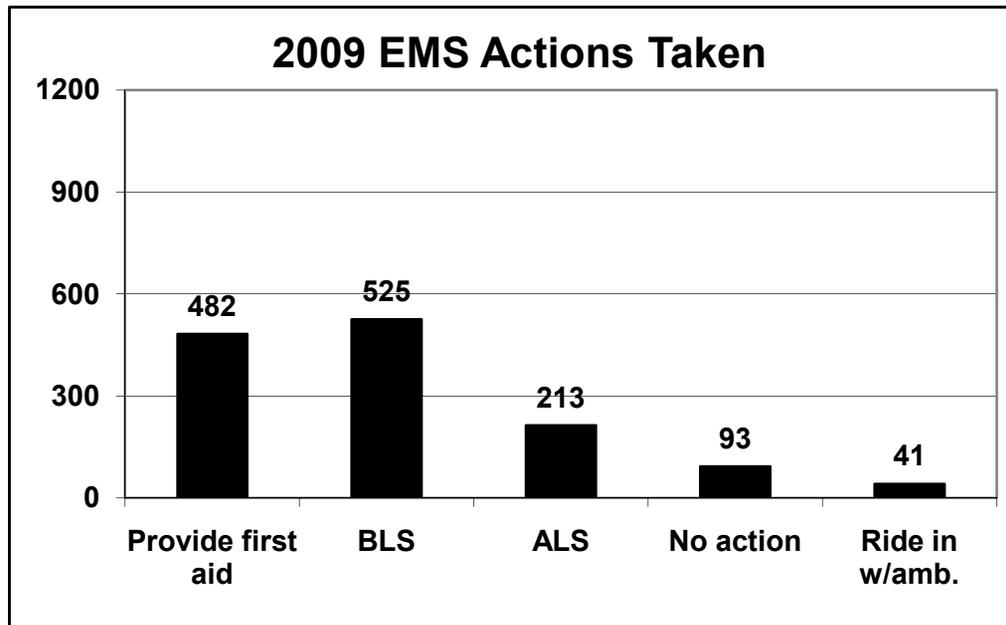


2009 Avg. Response Time of First Due



2009 Property Value Saved & Loss Analysis (Fire Threat Ratio)





FIRE LOSS COMPARISON - 2009 vs. 2008

2009 Incidents

Series	Number of Incidents	% of Incidents	Previous #	Year %	Estimated \$ Loss	Previous Year
100 - Fires						
Structure (by property use)						
131 Church, place of worship						
161 Restaurant or Cafeteria	2	0.10%	2	0.09%	\$ 200	\$1,250
162 Bar/Tavern or Nightclub						
213 Elementary School or Kindergarten						
215 High School or Junior High						
241 College, Adult Education						
311 Care Facility for the Aged						
331 Hospital			1	0.05%		
341 Clinic, clinic type infirmary						
342 Doctor/Dentist Office						
361 Prison/Jail						
419 Residential	44	2.13%	30	1.36%	\$727,550	\$825,200
429 Multifamily dwelling	15	0.73%	10	0.45%	\$1,550	\$58,050
439 Boarding/Rooming House	1	0.05%				
449 Hotel/Motel						
511 Convenience Store			1	0.05%		\$100
519 Food & Beverage Sales	0	0.00%	1	0.05%		
549 Specialty Shop	2	0.10%	2	0.09%	\$1,000	\$85,100
564 Laundry, dry cleaning			2	0.09%		\$1,000
569 Professional supplies, services			1	0.05%		\$450
571 Service station, gas	1	0.05%				
579 Motor Vehicle/Boat Sales/Repairs			1	0.05%		\$20,000
592 Bank			1	0.05%		
659 Livestock production			1	0.05%		\$5,000
700 Manufacturing	3	0.15%	7	0.32%	\$700	\$330,350
808 Outbuilding or Shed	1	0.05%	1	0.05%		
816 Grain Elevator	1	0.05%	1	0.05%		
891 Warehouse						
900 Outside or Special Property	1	0.05%	1	0.05%		\$20,000
926 Outbuilding, protective shelter			1	0.05%		\$4,000
U00 Undetermined			1	0.05%		
Total for all Structure Fires	69	3.30%	65	2.94%	\$731,000	\$1,350,500

FIRE LOSS COMPARISON - 2009 vs. 2008

	Number of Incidents	% of Incidents	Previous #	Year %	Estimated \$ Loss	Previous Year
Total for all Structure Fires	69	3.30%	65	2.94%	\$731,000	\$1,350,500

Series

Mobile Homes	3	0.15%				
Vehicle	26	1.26%	39	1.76%	\$57,750	\$181,375
Brush/Grass	45	2.18%	40	1.81%	\$1,000	
Rubbish	14	0.68%	36	1.63%		
Outside Storage	4	0.19%	8	0.36%	\$1,500	
Cultivated Vegetation			1	0.05%		
Total for all Fires	161	7.76%	189	8.54%	\$791,250	\$1,531,875
200 - Overpressure, Rupture, Explosion,	5	0.24%	5	0.23%	\$40,000	
300 - Rescue/EMS	1451	70.37%	1504	67.93%		
400 - Hazardous Condition (no fire)	73	3.54%	120	5.42%	\$100	\$20
500 - Service Call	91	4.41%	107	4.83%		
600 - Good Intent Call	96	4.66%	101	4.56%	\$100	
700 - False Alarm	182	8.83%	176	7.95%		
800 - Severe Weather & Natural Disaster			9	0.41%		
900 - Special Incident Type	3	0.15%	3	0.14%		
Total for all Incidents	2062	100%	2214	100%	\$831,450	\$1,531,895

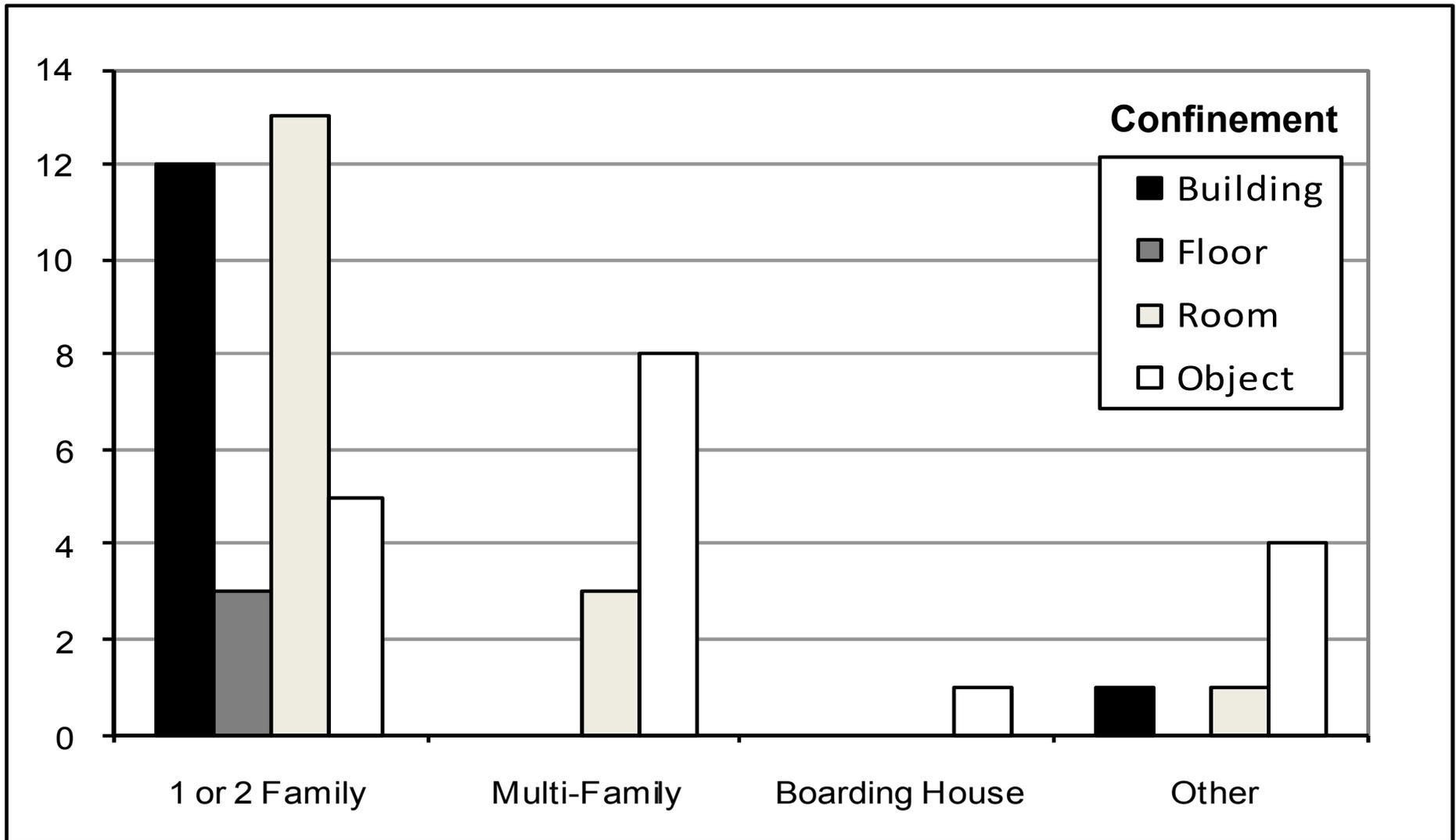
Casualties

	2009	2008
Civilian - fire related incidents only		
Injuries	4	4
Deaths	0	0
Fire Service		
Injuries	3	7
Deaths	0	0

NOTE: The above tables are preliminary as of December 31, 2009 and do not reflect final revisions to annual incident reports

EXTENT OF STRUCTURE FIRE CONFINEMENT

NOTE: Goal is to confine the fire to the room of origin

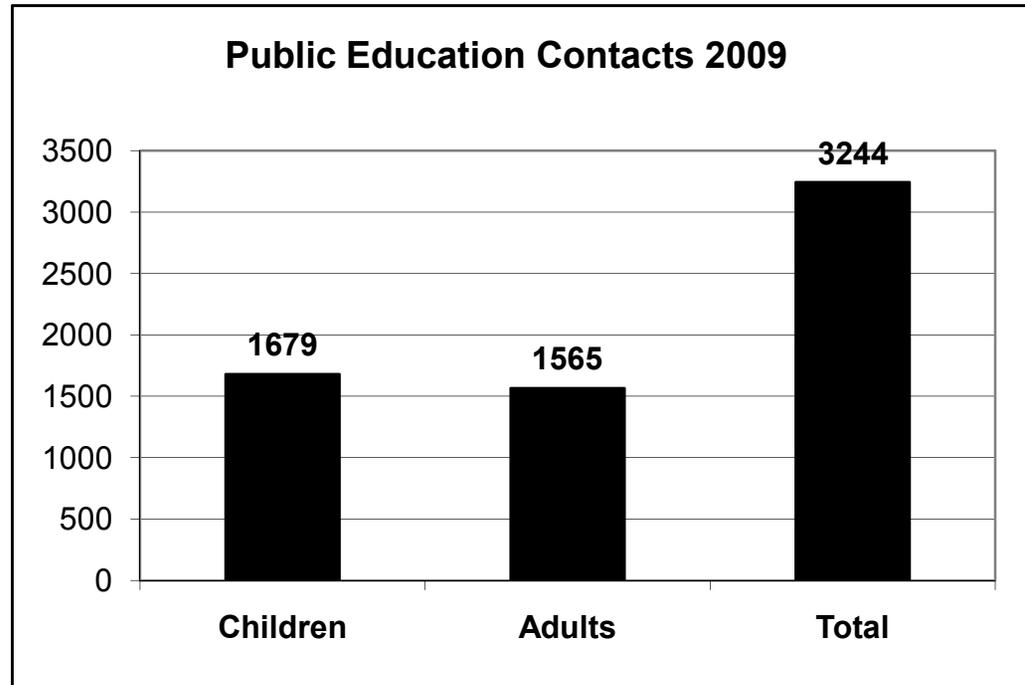


FIRE PREVENTION BUREAU

The Office of the Fire Prevention Bureau is primarily responsible for code enforcement and inspections, fire investigations and life safety public education within the city. While active in emergency preparedness and response, the Bureau serves a vital role in managing the fire risk through various programs including education, new construction plans review and fire protection systems management.

The Office is also responsible for coordinating special events, media relations, providing support during significant emergencies, handling public inquiries and issuing press releases. The Bureau is also the liaison to and coordinator of department information systems including data management and website.

Fire Prevention Bureau		2009
Special Events		23
Inspections		147
Building Plan Reviews		27
Fire Investigations		23
	Closed	19
	Open	4



TRAINING PROGRAM

The Training program provides full-service training, ranging from new firefighter orientation to the most advanced Fire and EMS training available to firefighting personnel.

The training officer logged more than 200 hours of individual and company level training in 2009.

Highlights of additional training include:

In-House

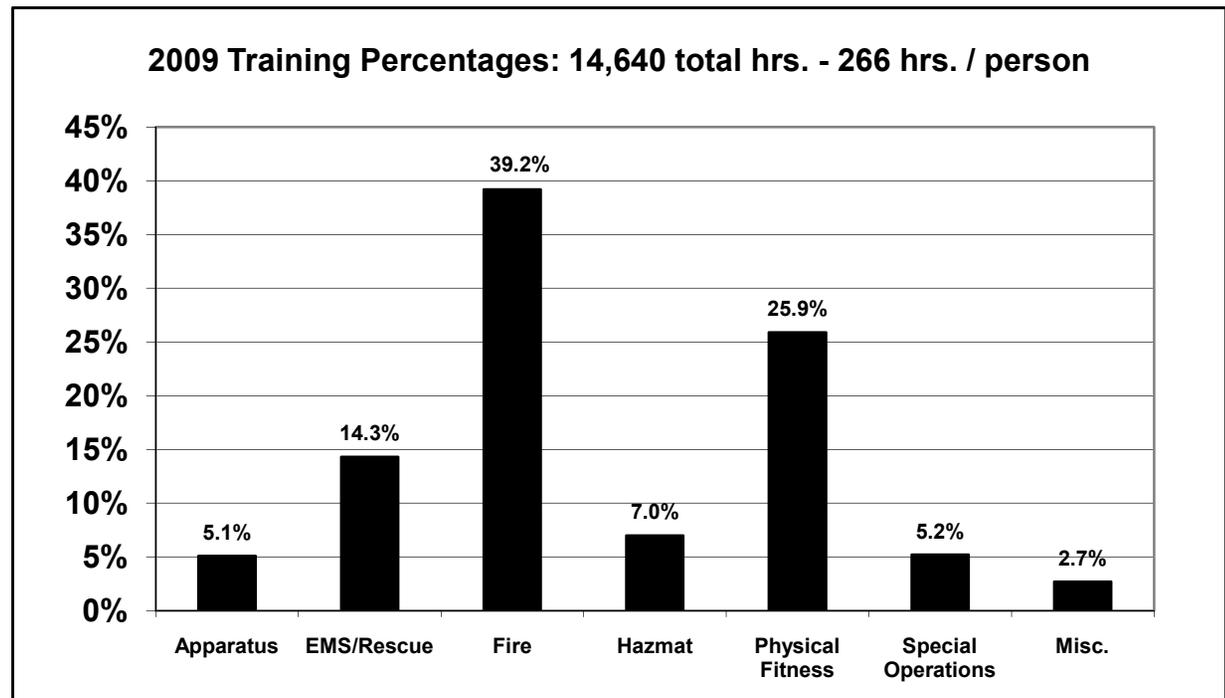
- EMT Refresher
- Paramedic Refresher
- Industrial/Confined Space
- Rope rescue
- Hazardous materials
- County-wide Arkansas Nuclear One drill

State Fire Academy

- Fire officer development
- Firefighter standards (Rookie School)
- Driver Operator

National Fire Academy

- Fire investigation



PROJECTS FOR 2010

The department is ready to embark on a number of new initiatives for 2010. They include:

- Initiate comprehensive fire defense master plan.
- Complete review of fire flow needs.
- Burn permit process improvements.
- Further enhancement of the training programs.
- Implementation of fire company-based inspection program.
- Continuation of facility and apparatus upgrades and repairs.

