



RUSSELLVILLE FIRE/RESCUE

ANNUAL REPORT 2010

HON. BILL EATON,
Mayor of Russellville,

YOUR HONOR:

It is my pleasure to present to you the 2010 Russellville Fire Department Annual Report. Once again, your fire department has made tremendous strides in the areas of fire and emergency response, training, prevention and disaster preparedness. As you will see in this document, the members of the department have one goal in mind providing the citizens of our community the best level of service possible.

In 2011, the department will continue to work with community leaders in the development of strategies to provide the best service possible while working within the confines of limited resources. This means the department will continue to maximize its resources and find creative ways to provide residents with high levels of service and will assure all of our personnel are highly prepared for all Emergency challenges that face our community.

From all of us at the Russellville Fire Department, thank you for your continued support and assistance in making 2011 a safe and successful year.

Respectively 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.



DEPARTMENT 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:

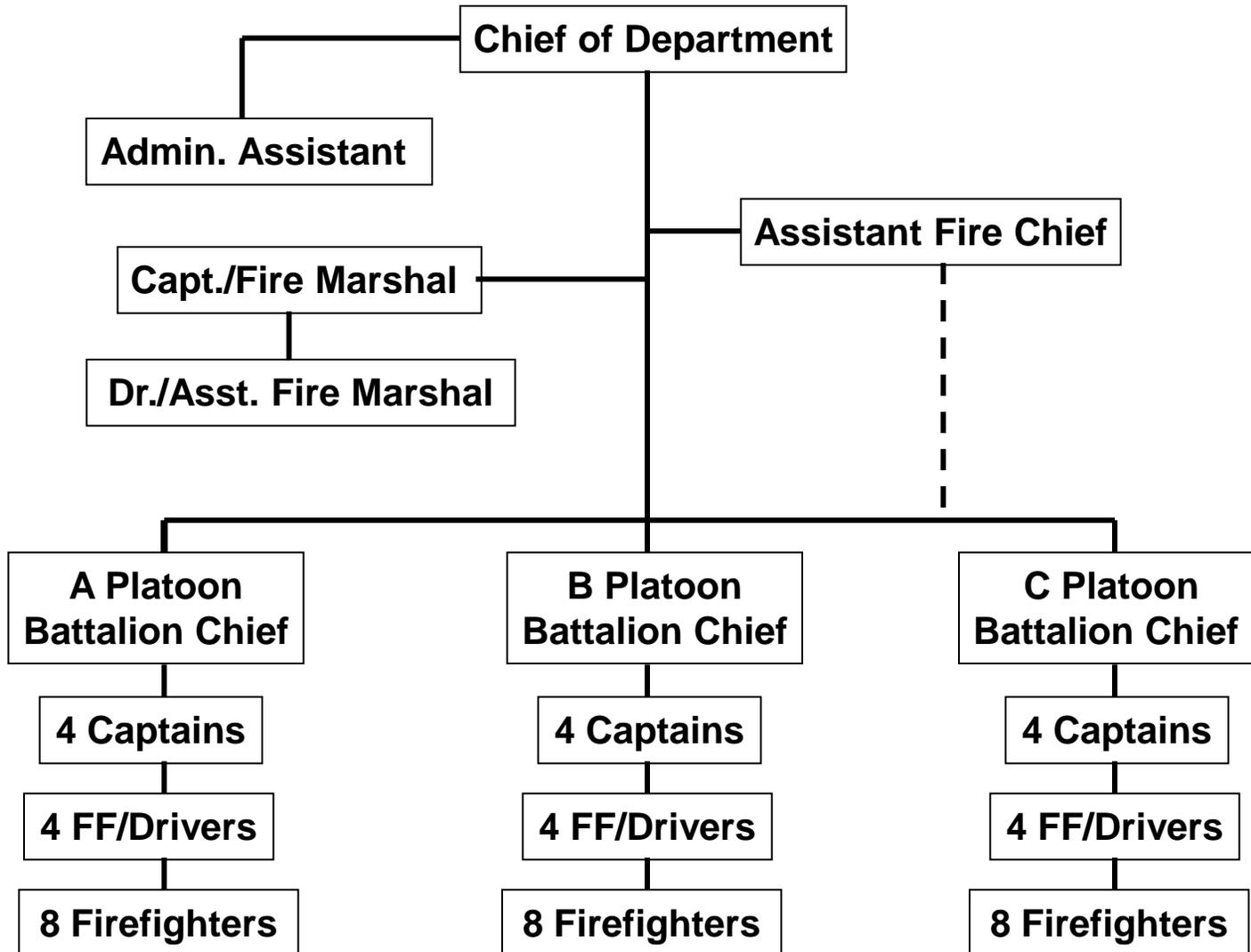
1905 – first organized 1905 as a volunteer department
1906 – major fire destroys most of general business district
1915 – first motorized apparatus placed in service – American LaFrance fire engine
1925 – second ALF engine placed in service
1927 – department moves into first permanent quarters
1946 – volunteer fireman Frank Dodd killed in line of duty



Volunteer Force, circa 1960

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

Firefighter/Driver D. Anderson – Light Duty

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, O. Picton
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, J. Pitts

ENGINE Co. 4
Captain, B. Moix
Firefighter/Dr., J. Wilmoth
Firefighter, T. Sigle

B PLATOON

Battalion Chief, KIRK SLONE

ENGINE & TRUCK Co. 1
Captain, K. McBryde
Firefighter/Dr., M. Mitchell
Firefighter, M. Loyd
Firefighter, J. Isaac
Firefighter, J. Bryant
Firefighter, M. Morton
Firefighter, J. Patterson

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

ENGINE Co. 3
Captain, P. Pestel
Firefighter S. Pannell
Firefighter, J. Terrell

ENGINE Co. 4
Captain, G. Martin
Firefighter/Dr., T. Goates
Firefighter, A. Meier

C PLATOON

Battalion Chief, AARON PETTY

ENGINE & TRUCK Co. 1
Captain, R. Chandler
Firefighter/Dr., R. Paul
Firefighter, B. Barnhouse
Firefighter, B. Noland
Firefighter, J. Smith
Firefighter, C. Chronister

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

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

COMPLETION OF 1 YEAR PROBATION

Firefighter Andrew White

Firefighter Aaron Meier

Firefighter Cody Chronister

Firefighter Daniel Davis

Firefighter Keith Davis



Four of five members with Chief Cochran who completed 2010 Firefighter Minimum Standards Class at the Arkansas Fire Academy.

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, Rescue 1

Station 2

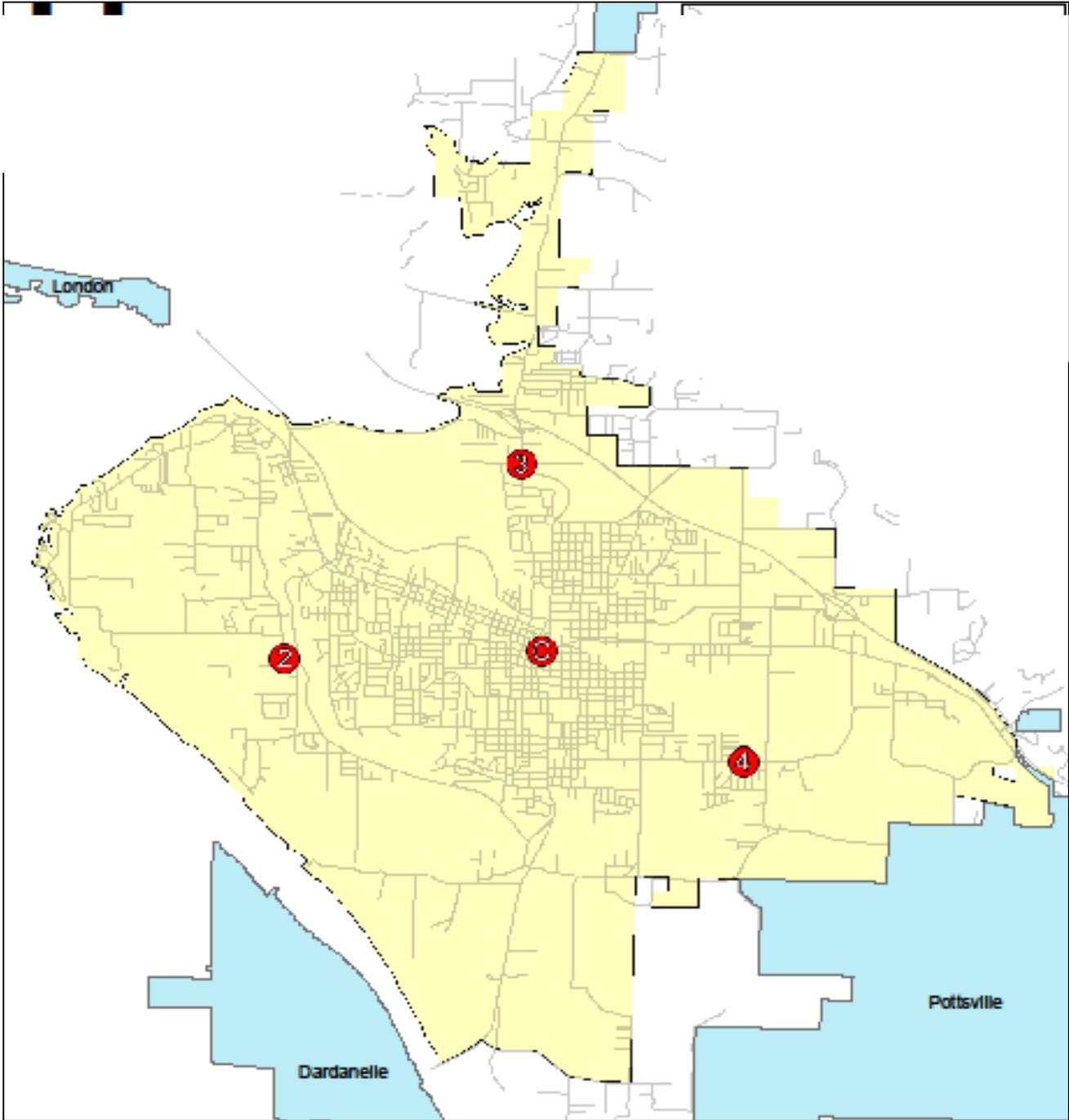
109 Hill Top Drive
Area Served: Western section of city including Norristown Mountain.
Houses: Engine Co. 2 and Reserve Engine 5 , Squad 1

Station 3

1920 N. Arkansas Avenue
Area Served: Northern section of city including Arkansas Tech University
Houses: Engine Co. 3 and Hazmat 1, Support 1

Station 4

2316 E. 16th Street
Area Served: Southeastern section city including industrial park.
Houses: Engine Co. 4 and Reserve Engine 6 , Brush 1

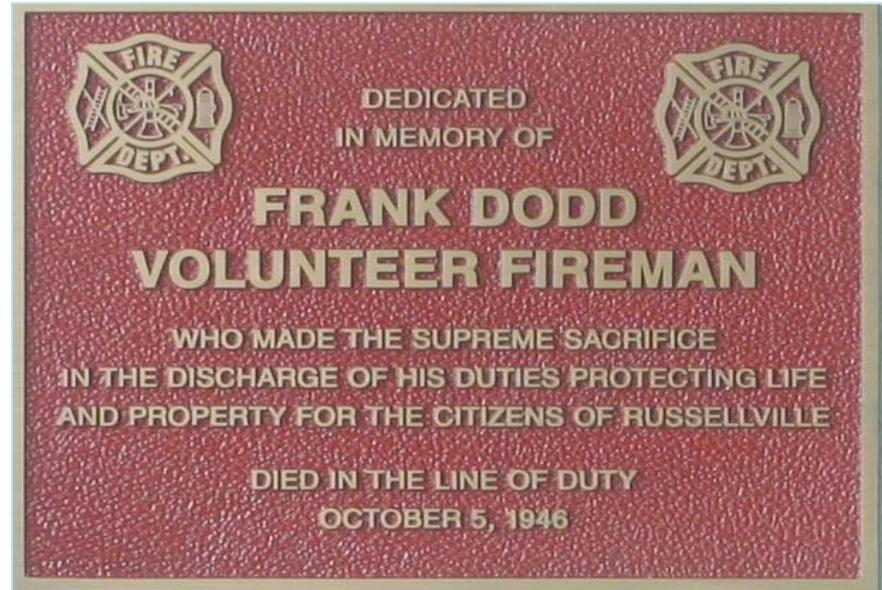


MEMORIAL FOR FIREFIGHTER FRANK DODD

On June 8 active and retired firefighters gathered with family members to dedicate a plaque commemorating the line of duty death of volunteer firefighter Frank Dodd who died in the line of duty in October of 1946.

Until the dedication service Dodd's sacrifice for his community had gone unnoticed by the community.

His death occurred when he fell from the back step of a fire engine as it raced to the scene of a fire alarm at the former Russellville High School on South Arkansas Avenue.



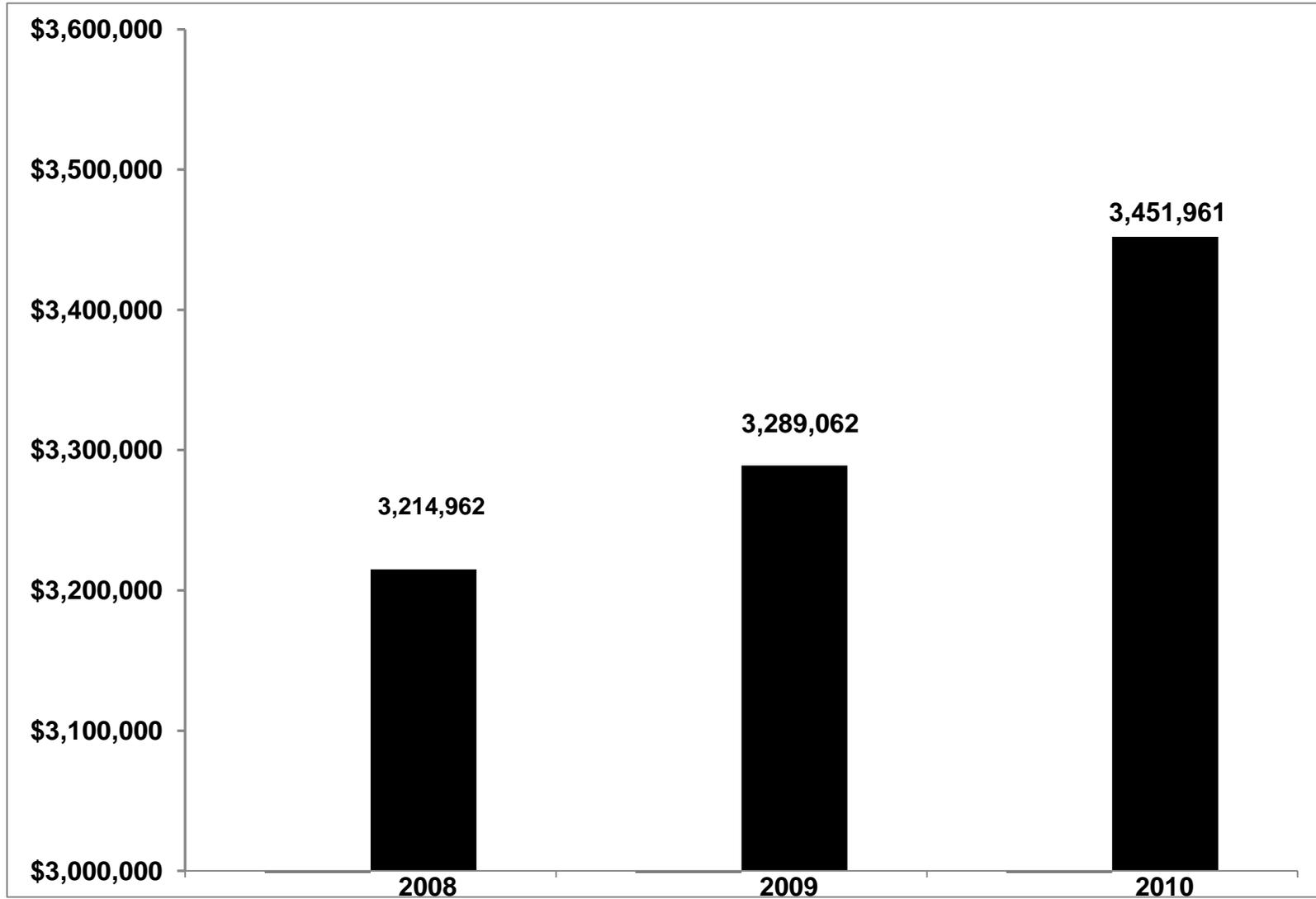
Memorial plaque on display at the Central Fire Station.



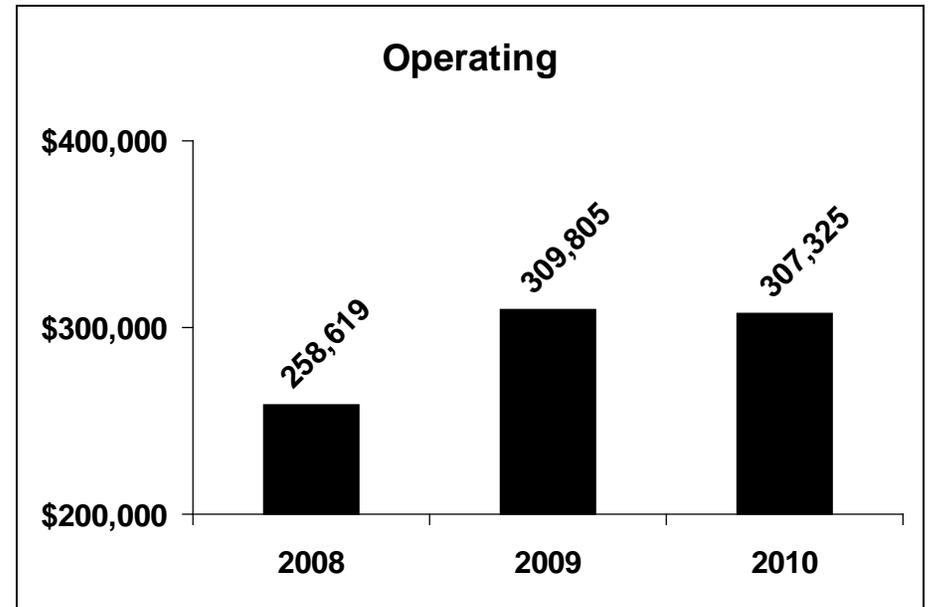
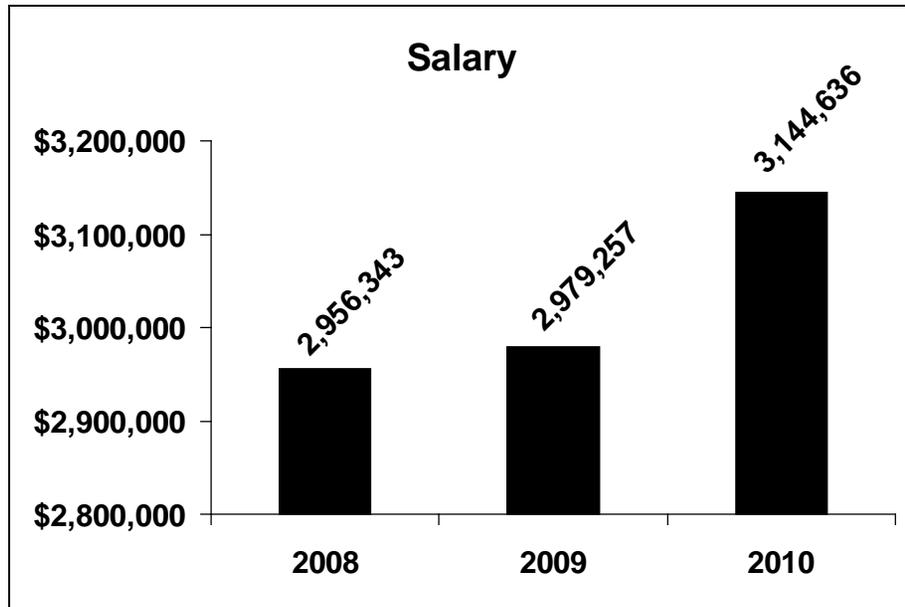
Members of the Dodd family with Battalion Chief Brent Hamm and Chief Cochran during dedication ceremony.

BUDGET THREE YEAR COMPARISON

TOTAL BUDGET
(Excluding Capital)



BUDGET THREE YEAR COMPARISON



NEW APPARATUS

During the summer of 2009 three new engines were placed into service. During 2010 the apparatus became the primary workhorses of the department.

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

Second year of a three year upgrade project for Engines 2 and 5 included:

- Upgrade of motor and pump performance.
- Replace worn or broken equipment.
- Upgraded hose, nozzles, and related accessories and tools.



Engine 2: One of two older engines under going 3-year upgrade.

FIRE STATION IMPROVEMENTS

Central Fire Station:

- Replace 32 year old emergency generator.
- Repair of front bay doors.
- Installation of new stainless steel kitchen cabinetry.

Substations:

- Installation of new lockers at Fire Station 3.
- Replacement of aging and broken furnishings at all stations.
- Replace ceiling grid at Fire Station 4.
- Minor upgrades and repair of building systems and infrastructure.

Capital Improvements: \$30,000



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



2010 Fire Prevention Week

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.

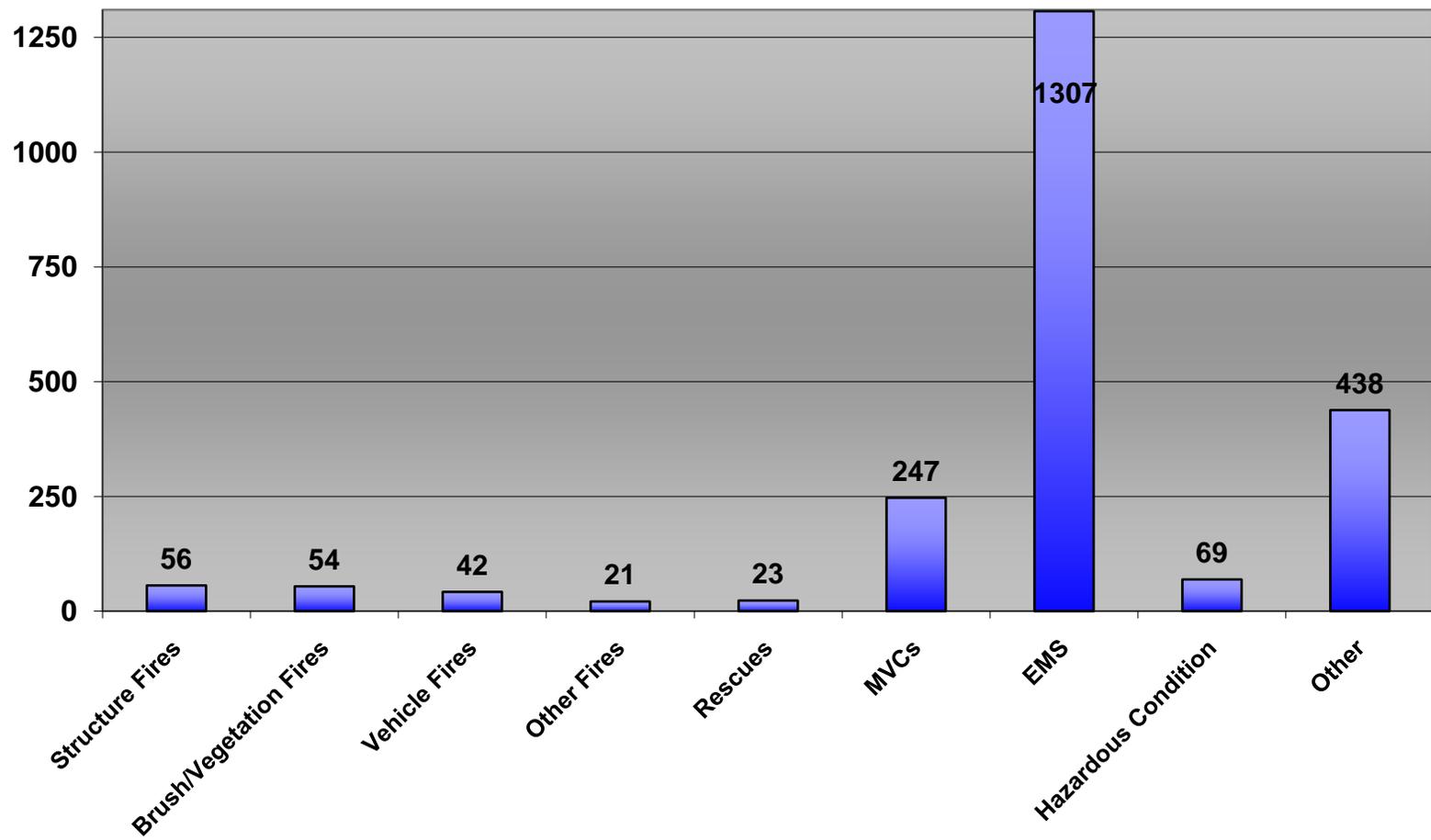


Commercial Structure Fire

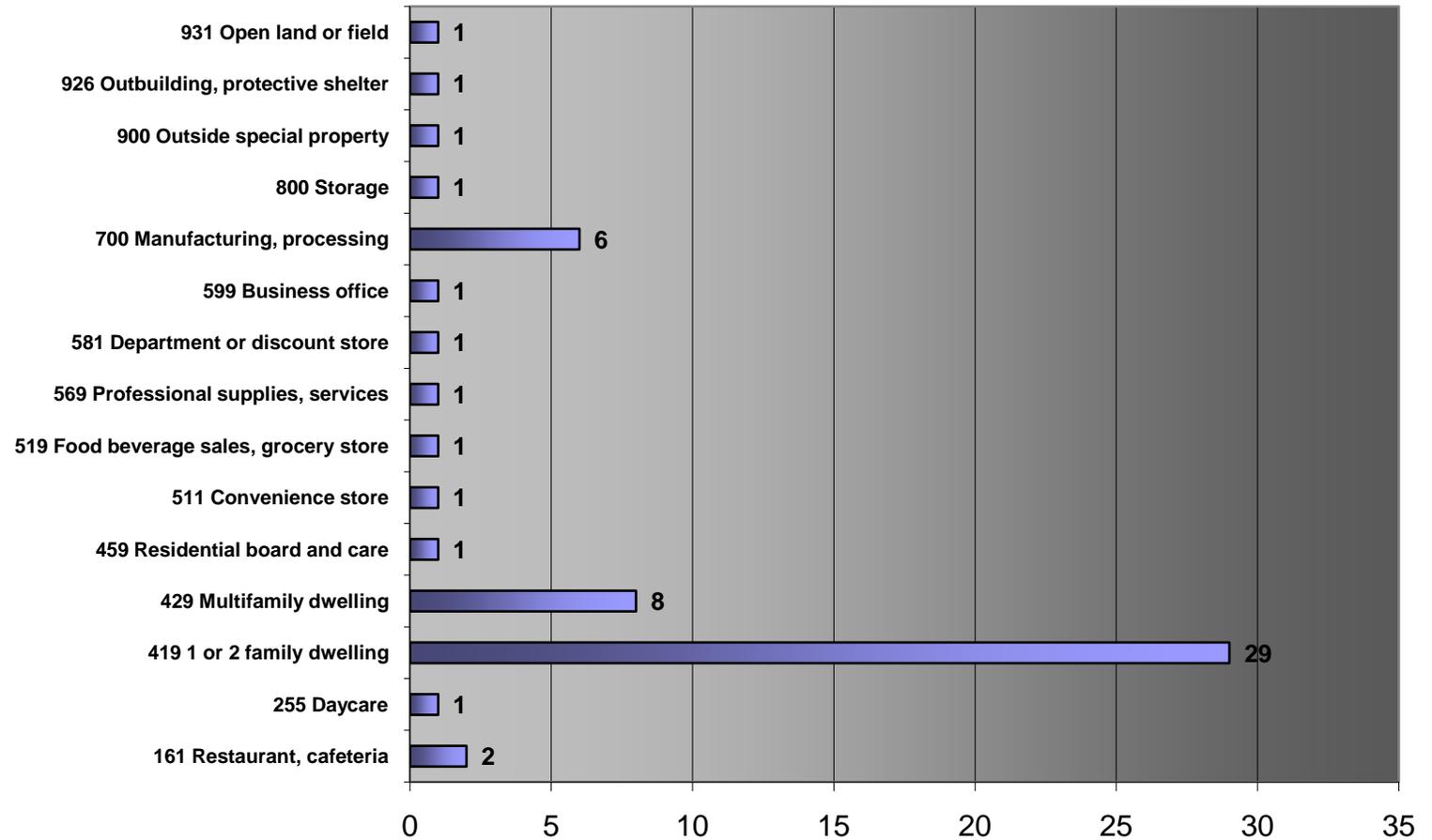


High-angle Rescue Training

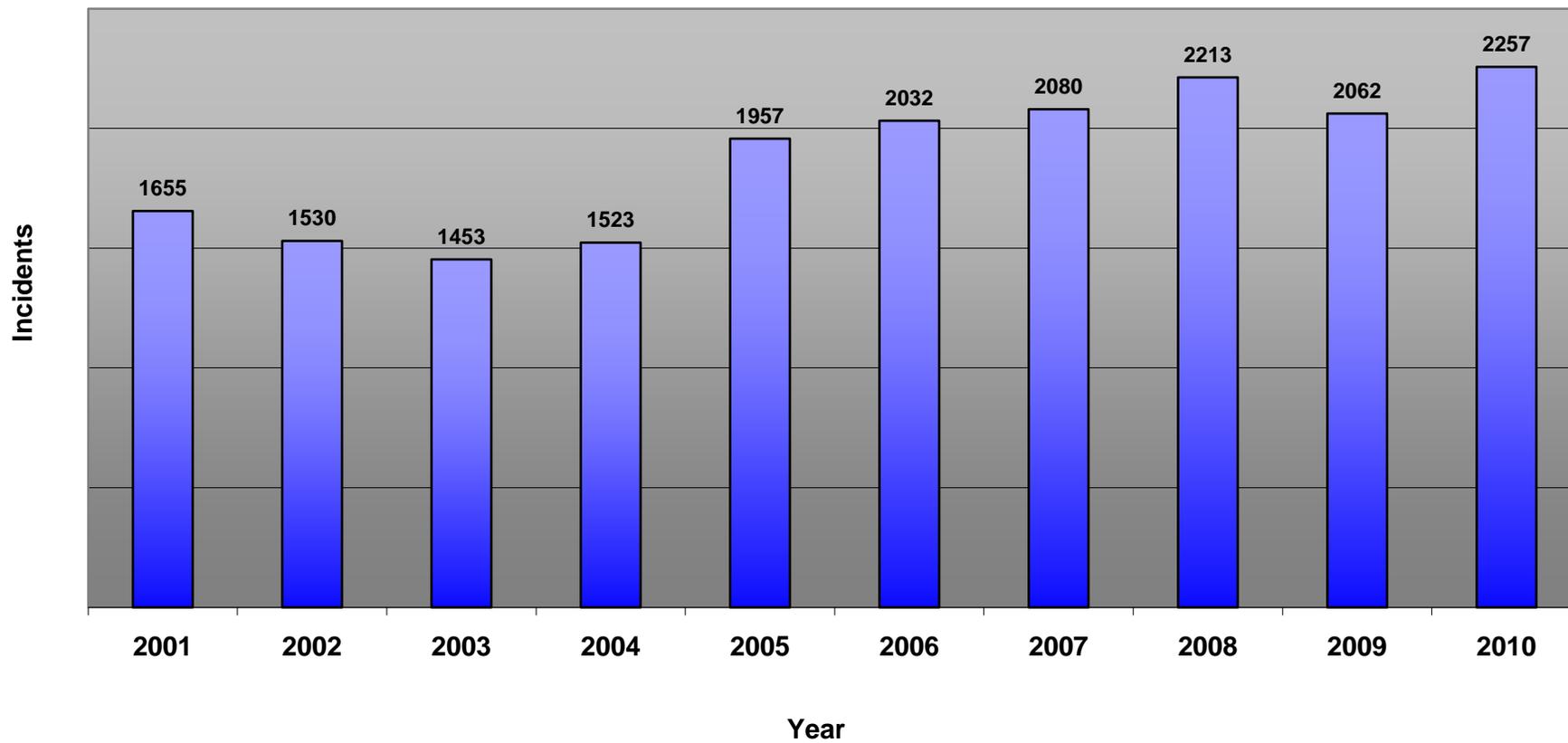
CALLS FOR SERVICE - TOTAL 2257



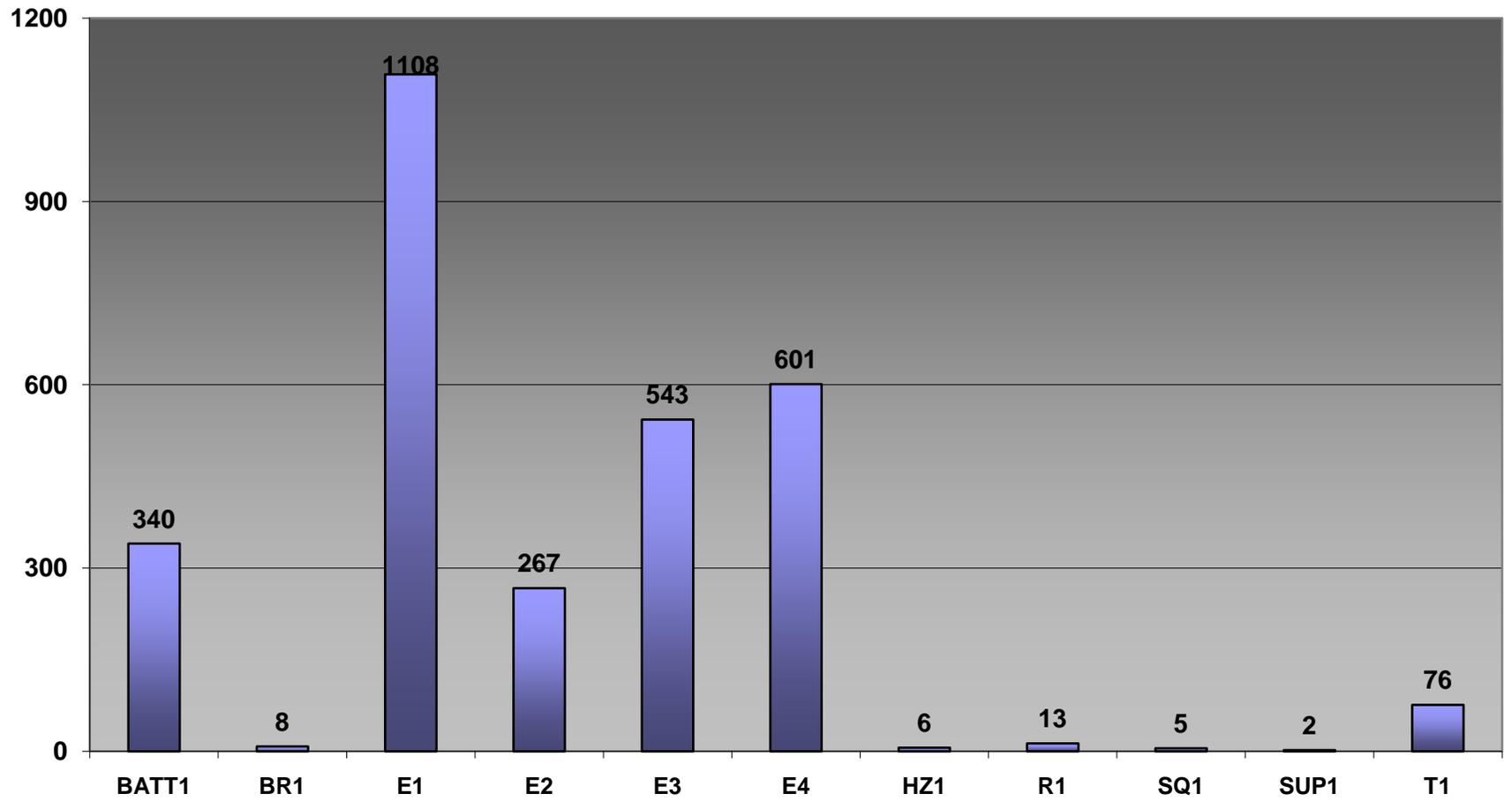
FIRE INCIDENTS BY PROPERTY USE



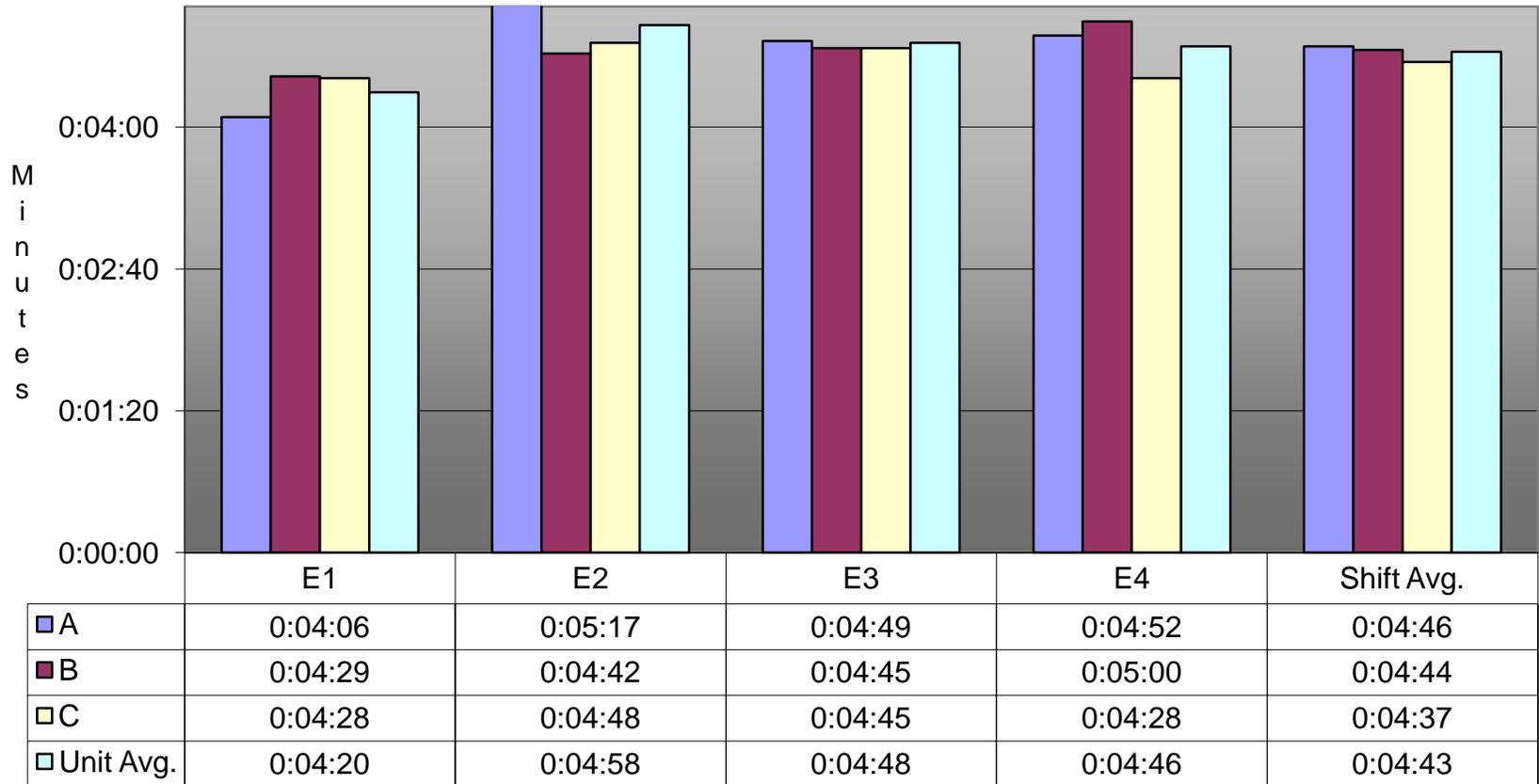
ANNUAL INCIDENT COMPARISON



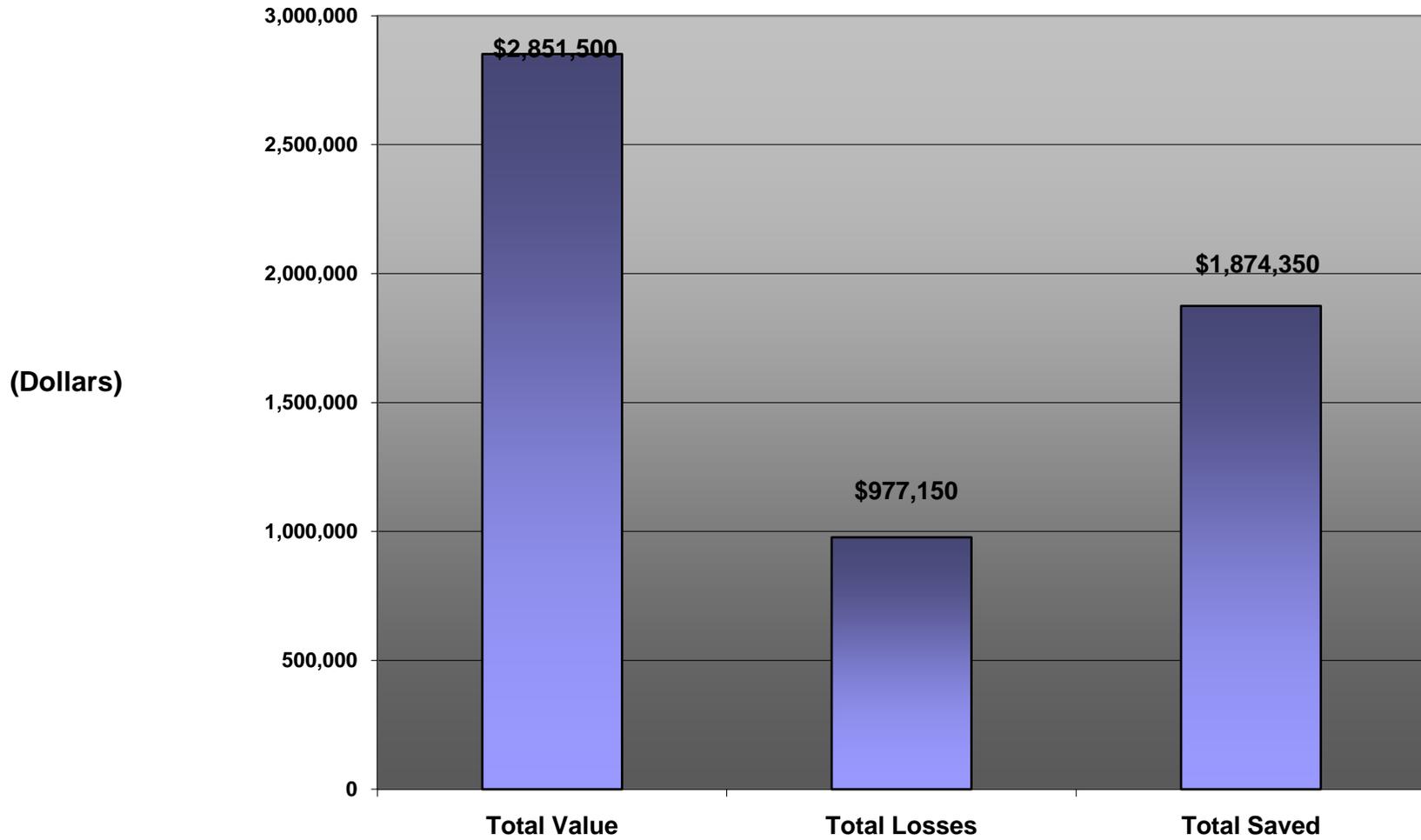
TOTAL RESPONSES BY UNIT



AVERAGE RESPONSE TIME OF FIRST DUE (4 min 43 sec)



PROPERTY VALUE SAVED & LOSS ANALYSIS (Fire Threat Ratio)



FIRE LOSS COMPARISON - 2009 vs. 2010

2010 Incidents

Series	Number of Incidents	% of Incidents	Previous #	Year %	Estimated \$ Loss	Previous Year
100 - Fires						
Structure (by property use)						
131 Aircraft	1	0.04%				
161 Restaurant or Cafeteria	2	0.09%	2	0.10%		\$ 200
162 Bar/Tavern or Nightclub						
213 Elementary School or Kindergarten						
215 High School or Junior High						
241 College, Adult Education	1	0.04%				
311 Care Facility for the Aged						
331 Hospital						
341 Clinic, clinic type infirmary						
342 Doctor/Dentist Office						
361 Prison/Jail						
419 Residential	29	1.28%	44	2.13%	\$302,600	\$727,550
429 Multifamily dwelling	9	0.40%	15	0.73%	\$47,565	\$1,550
439 Boarding/Rooming House	1	0.04%	1	0.05%		
449 Hotel/Motel						
511 Convenience Store	1	0.04%				
519 Food & Beverage Sales	1	0.04%	0	0.00%		
549 Specialty Shop			2	0.10%		\$1,000
564 Laundry, dry cleaning						
569 Professional supplies, services	1	0.04%			\$5,000	
571 Service station, gas			1	0.05%		
579 Motor Vehicle/Boat Sales/Repairs	1	0.04%				
592 Business Office	1	0.04%				
659 Livestock production						
700 Manufacturing	6	0.27%	3	0.15%	\$600,000	\$700
808 Outbuilding or Shed	1	0.04%	1	0.05%		
816 Grain Elevator			1	0.05%		
891 Warehouse						
900 Outside or Special Property	1	0.04%	1	0.05%		
926 Outbuilding, protective shelter	1	0.04%				
U00 Undetermined						
Total for all Structure Fires	57	2.53%	69	3.30%	\$955,165	\$731,000

FIRE LOSS COMPARISON - 2010 vs. 2009

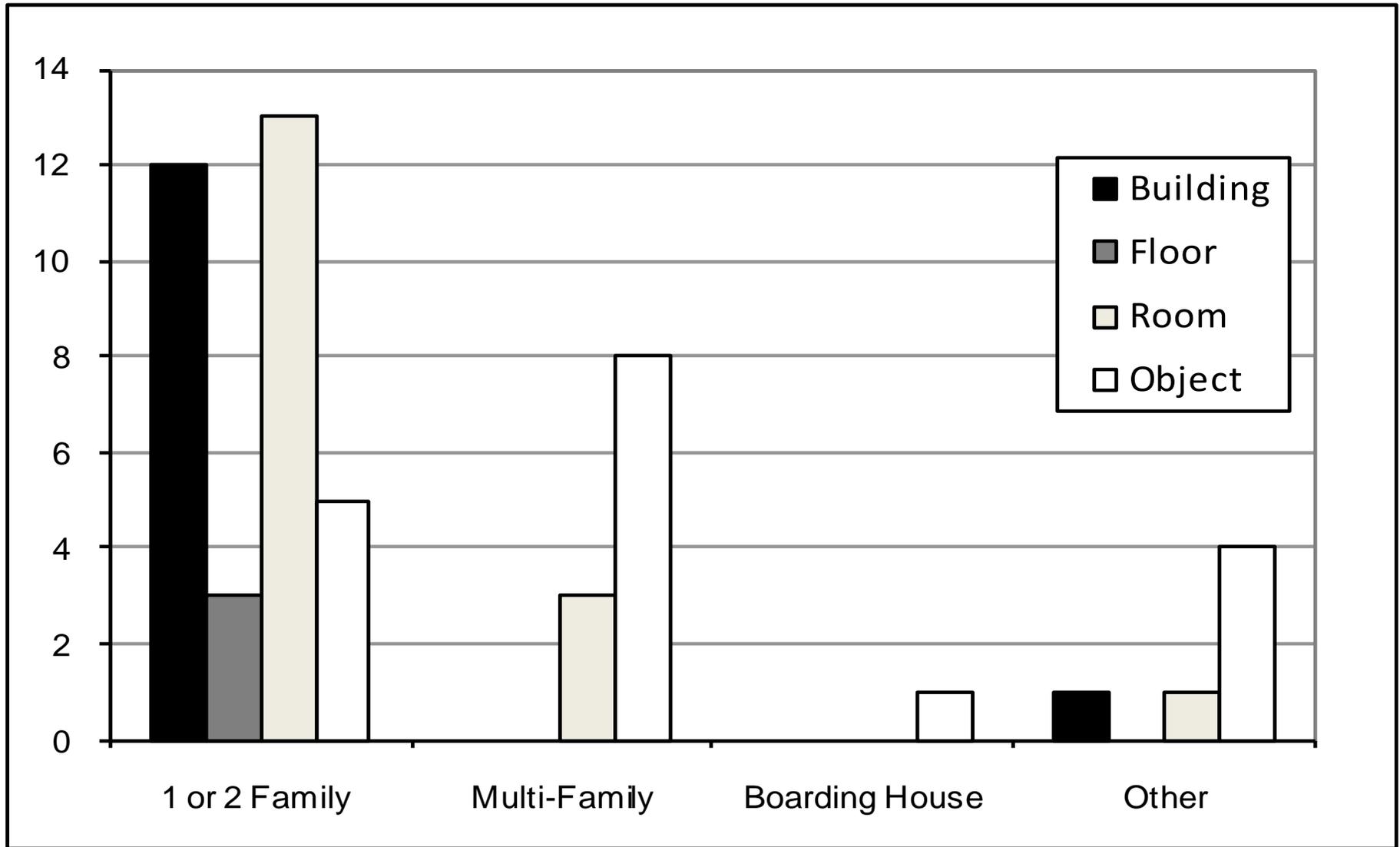
Series	Number of Incidents	% of Incidents	Previous #	Year %	Estimated \$ Loss	Previous Year
Mobile Homes	2	0.09%	3	0.15%		
Vehicle	40	1.77%	26	1.26%	\$100,500	\$57,750
Brush/Grass	54	2.39%	45	2.18%		\$1,000
Rubbish	21	0.93%	14	0.68%		
Outside Storage	1		4	0.19%		\$1,500
Cultivated Vegetation						
Total for all Fires	175	7.67%	161	7.76%	\$1,055,665	\$791,250
200 - Overpressure, Rupture, Explosion,	3		5	0.24%		\$40,000
300 - Rescue/EMS	1577	69.87%	1451	70.37%		
400 - Hazardous Condition (no fire)	69	3.06%	73	3.54%		\$100
500 - Service Call	96	4.25%	91	4.41%		
600 - Good Intent Call	102	4.52%	96	4.66%		\$100
700 - False Alarm	233	10.32%	182	8.83%		
800 - Severe Weather & Natural Disaster	1	0.04%				
900 - Special Incident Type	1		3	0.15%		
Total for all Incidents	2257	100%	2062	100%	\$1,055,665	\$831,450

Casualties		
	2010	2009
Civilian - fire related incidents only		
Injuries	0	4
Deaths	0	0
Fire Service		
Injuries	5	3
Deaths	0	0

NOTE: The above tables are preliminary as of December 31, 2010 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

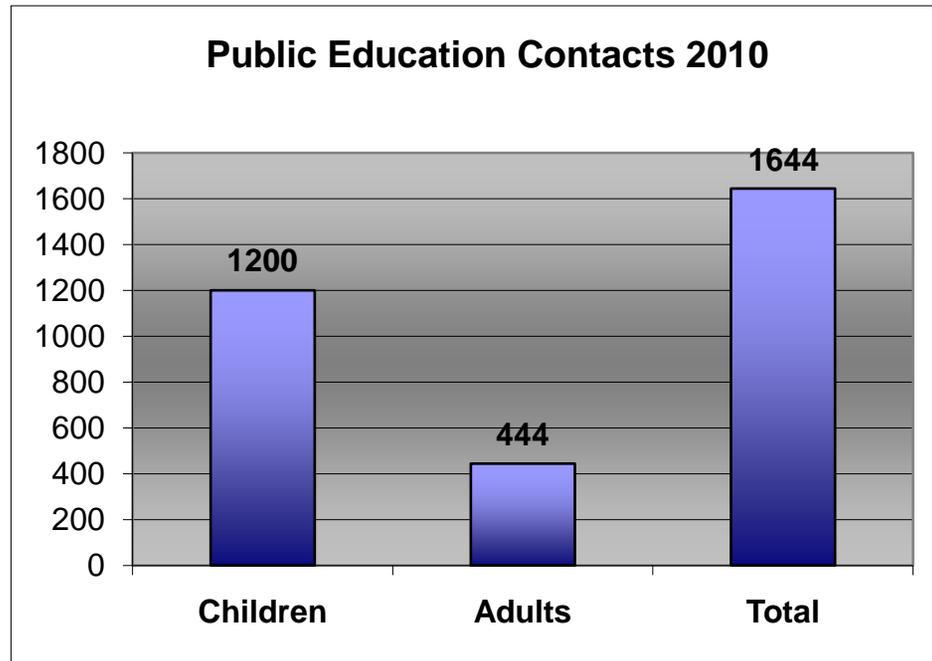


FIRE PREVENTION BUREAU

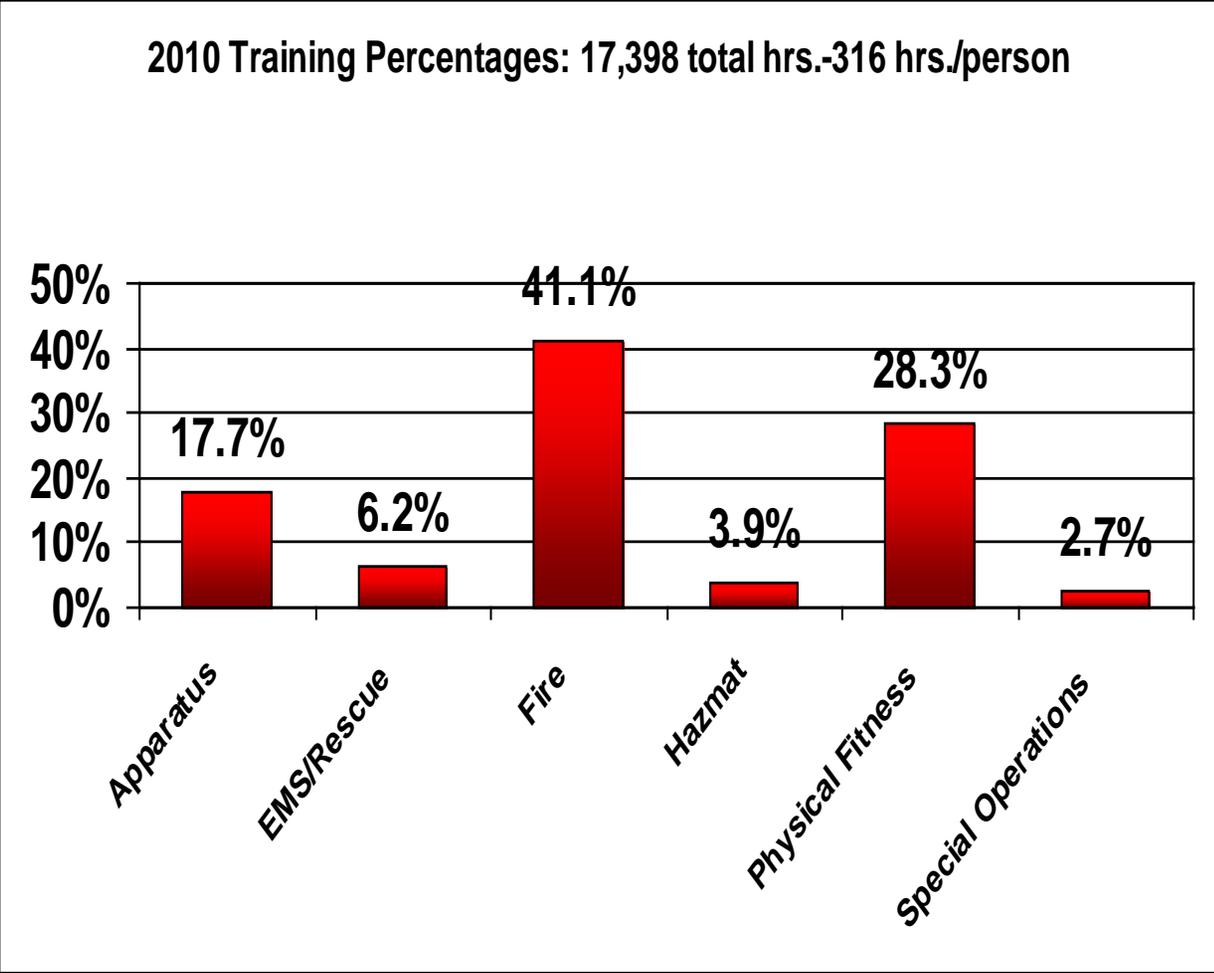
The Office of the Fire Prevention Bureau is primarily responsible for code enforcement and inspections, fire investigations and life safety public education within the city. While active in emergency preparedness and response, the Bureau serves a vital role in managing the fire risk through various programs 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	2010
Pub Ed/Special Events	61
Inspections	184
Building Plan Reviews	45
Fire Protection System Reviews	16
Fire Investigations	19



TRAINING PROGRAM



IN SERVICE TRAINING

- Annual Confined Space
- Auto Extrication
- Haz-Mat Equipment Review
- Fire Apparatus Pumping
- Apparatus Driving Test
- Meth Lab Awareness
- Rail Road Safety Class
- Haz-Mat training with the Army National Guard
- Preplan Class and Tour of ConAgra
- Hose Lays & Relay Pumping
- Sprinkler Impairment Class
- Basic Rope Rescue
- Hydrant Maintenance



- Aircraft Extrication and Firefighting
- Crime Scene Preservation with RPD
- Ladder Truck Operations
- EMT Refresher
- Thermal Imager Operations
- Drafting & Standpipe Operations
- Defensive Driving
- ACLS & Cardiac Emergencies
- Paramedic Refresher
- Thermal Imager Orientation camera
- Radiological Monitoring and Route Alerting

QUARTERLY COMPANY DRILLS

Every quarter all companies are evaluated by their battalion chief and the training officer with regard to their efficiency in firefighting operations.

Company Drill Topics

- 3" and 5" Forward & Reverse Lays
- Relay Pumping
- New Engine Orientation
- Relay Pumping to Truck 1
- Aerial Ladder Climb/Master Stream Operations
- RIT Pack Operations
- Rescue Knots
- Vertical Ventilation using Truck 1
- 20' & 35' Ladder raises
- Victim Rescue using Ladders



OUTSIDE TRAINING CERTIFICATIONS

- CPR Instructor
- IED Recognition
- Post Blast Investigation
- Railroad Emergencies
- Aerial Operations
- Hazardous Materials Basic/Advanced Monitoring
- Haz-mat Technician Level Trainer Refresher
- PALS / ACLS Instructor
- EMT Instructor
- National Fire Academy Fire Service Course Design
- Fire Service Leadership
- ICS 300 & 400
- National Fire Academy Fire Modeling & Fire Behavior in Single Family Dwellings
- Fire Officer 1



TRAINING PROGRAM HIGHLIGHTS

- Driver certification
- Rope rescue
- Haz-mat refresher training
- Monthly safety messages
- EMT certification of four probationary firefighters
- Paramedic certification of one firefighter
- CEUs awarded by the Department of Health
- Donations awarded to the department through delivery of training
- Con Agra: Thermal Imager , Ammonia Detectors



PROJECTS FOR 2011

Through the completion of a 5-year community fire defense master plan, the department's goals for 2011 are:

- Implement a fire station-based fire inspection and familiarization program of all high risk hazards (factories, multi-story structures, places of assembly, schools, health care facilities, etc.).
- In cooperation with City Corp., complete a city-wide survey of the water system with regard to current and future fire protection needs.
- Monitor the department's performance of services provided including multi-year improvements of infrastructure such as fire stations, apparatus, and equipment.
- Secure additional properties for expansion of administrative, storage, and related spaces.

