

Fiscal Year
2004

Annual Report



City of Brentwood
Fire Department





CITY OF BRENTWOOD

Fire Department

MEMORANDUM

2004-15

August 20, 2004

TO: Honorable Mayor and Members of the City Commission

THROUGH: Michael W. Walker, City Manager

FROM: Kenny Lane, Fire Chief

SUBJECT: FY2004 ANNUAL REPORT

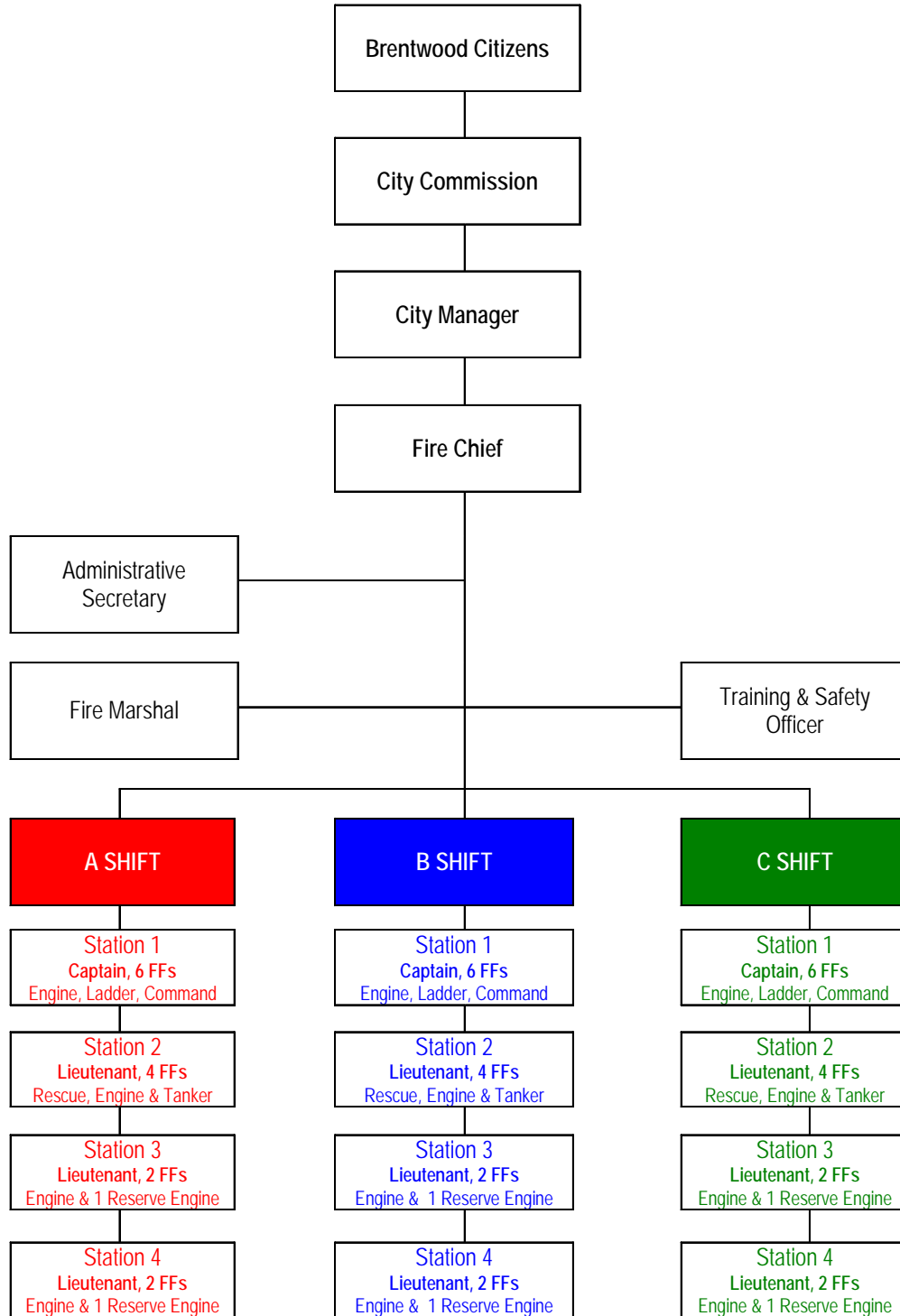
September 1, 2004 begins Brentwood Fire Department's eighteenth year of service to the citizens of Brentwood. Of the original twenty-six employees, ten remain with the fire department. In the eighteen years since the department was formed, this number has grown from twenty-six employees staffing two fire stations to fifty-two employees and four full-time staff positions staffing four fire stations. Through the use of state-of-the-art technology and equipment and advanced training, we have continued to enhance the services that we provide to our citizens.

I am pleased to present the FY-2004 Annual Report which summarizes activities in the Department over the past twelve months. For the first time, this report covers the fiscal year from July 1, 2003 through June 30, 2004 rather than the calendar year as we've reported in the past.

The performance of the dedicated men and women that make up this department continues to amaze me. Every member performs extra duties that far exceed those typically associated with their job. Our department and its members continue to be recognized statewide as icons of today's progressive fire service. Other departments across the state often implement programs that were developed by the men and women of the Brentwood Fire Department.



Organizational Chart

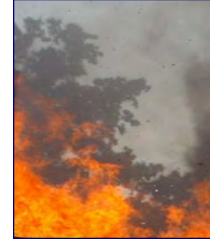




NON-ROUTINE WORK PLAN

Open Burning Policy

Due to the many complaints received regarding health and air pollution problems, effective 10/1/2003 Brentwood passed a new ordinance placing stricter restrictions on open burning within the city limits.



ISO Inspection / Recommended Improvements

This year we improved our overall scores from the Insurance Services Offices (ISO) on our ability to deliver services to the community, however our class 4 rating did not change. This score is based upon the fire department's equipment, staffing, training and record keeping, the city's water system and the emergency communications system.

Computer Aided Dispatch (CAD) Software

We worked closely with the Police and Technology departments to convert to the new CAD program.

Citizens Fire Academy

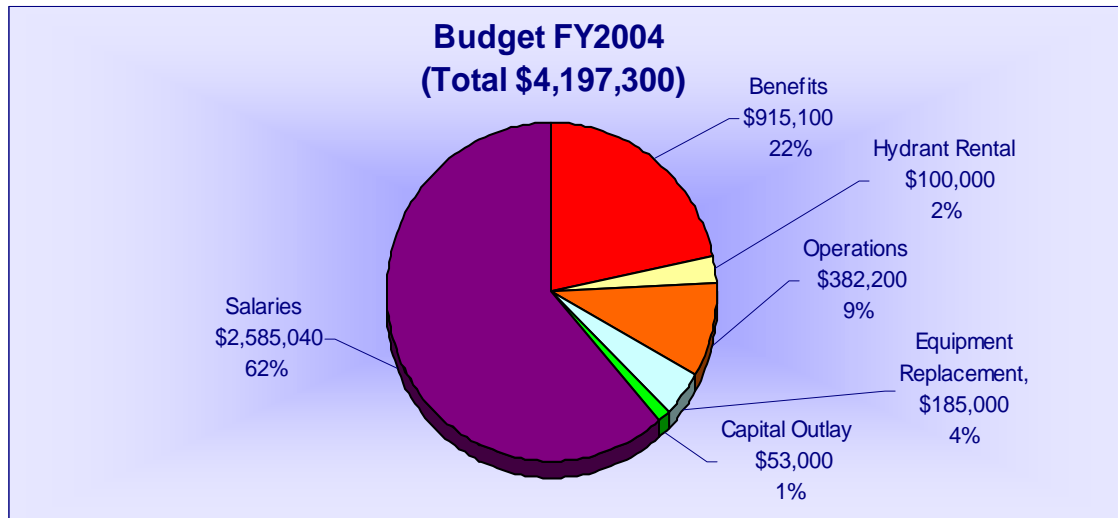
The Citizens Fire Academy was a huge success this year. Twenty five enthusiastic students participated in this program as they learned what being a firefighter entails.

Disaster Plan Drill

The Disaster Recovery plan was reviewed and updated to ensure that all department heads are aware of their duties in the event of a disaster.

Replacement of Engine #3

The equipment needs and specifications for the replacement of our 13 year old Engine #3 were developed, bids were solicited, and the new truck was ordered in July 2004.





Annual Grant Program

The Assistance to Firefighters Grant Program (AFGP) was the first ever direct federal funding to local fire departments. The FIRE (Firefighter Investment and Response Enhancement) Act of 2001 authorized the AFGP. The Brentwood Fire Department has made request to the AFGP all four years of its existence and we are pleased to report we've been successful in the first three years. We are eagerly awaiting word from the Federal Emergency Management Agency (FEMA) on our 2004 request which is funding for a Paramedic Training program and the associated equipment to implement such a program.

In 2003, the Brentwood Fire Department was one of 8,630 fire departments, out of a total of 33,000 in the country, to be awarded a grant under the AFGP. Our request consisted of \$96,000 for a mobile cascade unit and upgrades to our existing self-contained breathing apparatus (SCBA). The mobile cascade unit will be used to refill firefighter's air tanks (SCBA) when on the scene of emergencies and training events. This new piece of equipment will negate the need of having to shuttle air cylinders back to fire stations for refills. The upgrades to our existing SCBA will ensure greater firefighter safety by keeping our equipment current with national standards.



Mobile Cascade Unit

The AFGP transitioned from the Federal Emergency Management Agency to the Department of Homeland Security in 2004. The United States Office for Domestic Preparedness in cooperation with the United States Fire Administration is the deliverer of the 2004 AFGP. Fire department personnel followed and supported this legislation for years before funding was officially appropriated.

The Brentwood Fire Department is very grateful to the President and Congress for continuing this vital program. We are also very grateful to the city manager and city commission for allowing our participation in a program that provides access to resources not easily available to the fire department. To date, the Brentwood Fire Department has received \$140,831 through the AFGP. This federal funding and local match of only 10% has provided and increased level of safety to the firefighters in Brentwood and ultimately the citizens of Brentwood by making fire operations safer while improving the effectiveness and efficiency of the fire department.



Training

The Brentwood Fire Department continually strives to insure that our members receive the very best Fire, Rescue, EMS, Haz-Mat, and Physical Fitness training available. Our training program provides training in the following areas: new hire orientation, safety training, in-service training, career development, promotional testing, certification and EMS continuing education. Advanced and specialized technical training, along with professional development, are also provided to members of the department. It is our intent to provide the highest level of safety and service to the public and the department through quality education, attention to innovation, and vigilance in recruitment and promotion of qualified personnel.

This year provided a unique opportunity for the fire department to provide training at advanced levels. The department received a federal grant for \$10,000 to provide fire fighter survival training. A 6,000 square foot home on Franklin Road was utilized to train over 200 fire fighters from across the state. The remaining funds were utilized to send members to Norfolk, Virginia and Indianapolis for specialized courses.

During 2004 the firefighters participated in over 26,108 hours of training. Specific training that occurred during the year included:

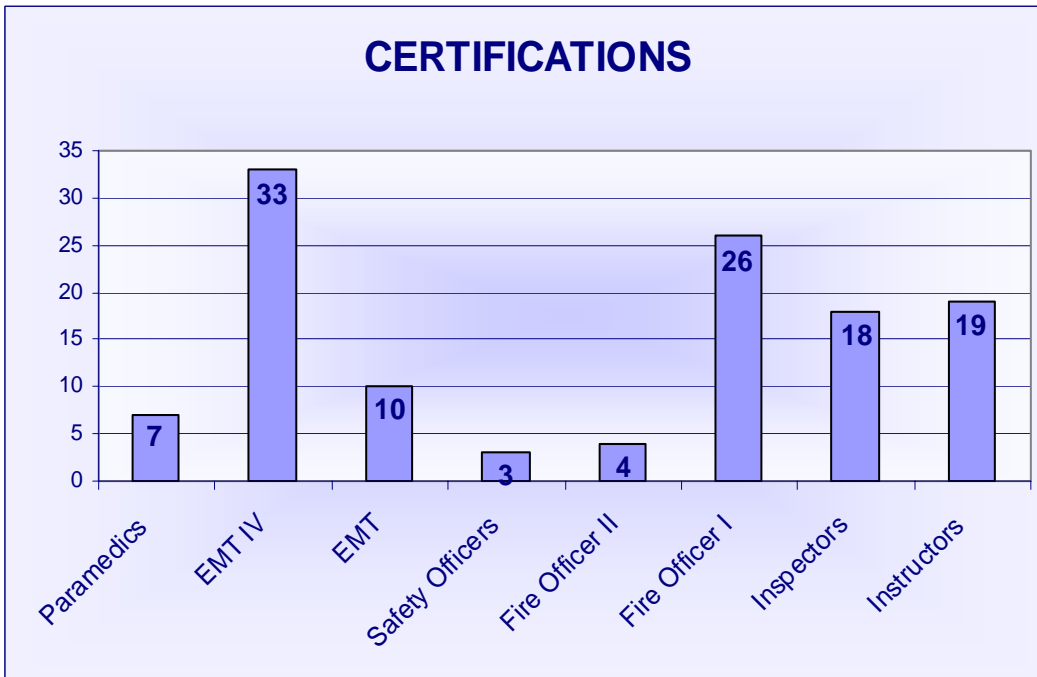
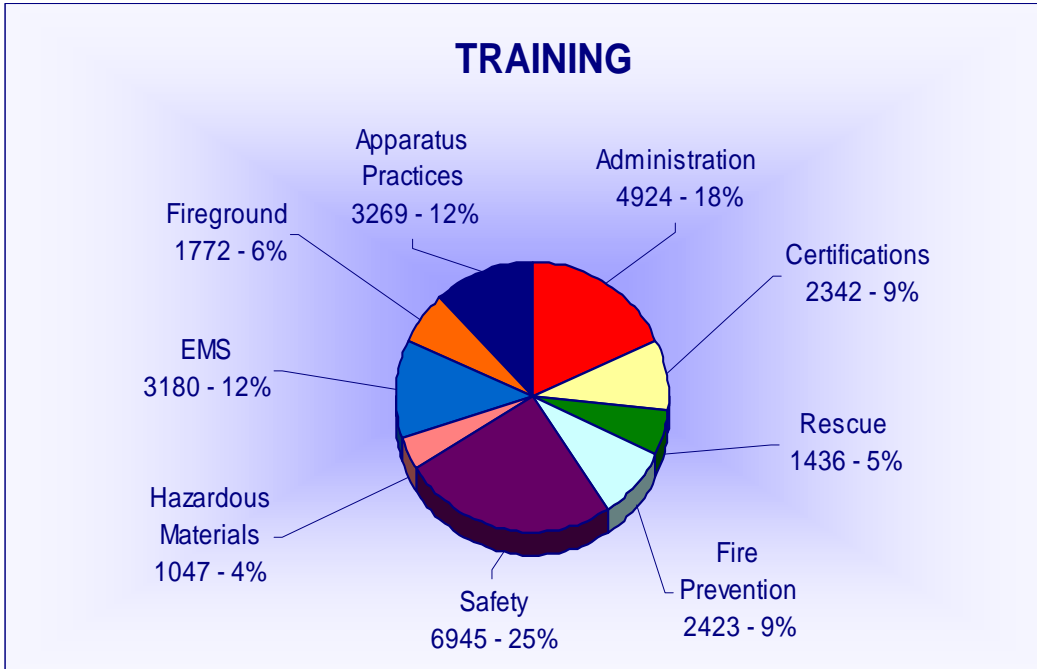
1. Fire fighters had the opportunity to participate in six live fire training sessions.
2. A three-story home scheduled for demolition at 1530 Sunset Road was utilized for safety training on each shift. The home was also utilized for structural collapse procedures.
3. In addition to local in-house training department members attended the following classes:
 - 16 members—Three week Pump Operations class
 - 36 members—Fire and Building Code Enforcement classes
 - 5 members—Four week Fire Officer series
 - 3 members—Fire Pump Maintenance
 - 2 members—Eight week Recruit Firefighter course
 - 4 members—Fire Instructor course
 - 6 members—Smoke Diver course
 - 3 members—Two week courses at the National Fire Academy in Emmitsburg, Maryland
 - 4 members—Advanced Auto Extrication training at the University of Georgia
 - 1 member—International Association of Fire Chiefs Conference in Dallas
 - 5 members—Fire Department Instructors Conference in Indianapolis
 - 21 members—Accomplished Tennessee Fire Fighting Commission testing during the year
 - 8 members—Annual TN Fire Safety Inspectors conference



Live Training Burn



Training





Fire Prevention

Preventing fires before they begin is the most cost effective way to protect lives and property. Based on this fact, fire department personnel continue to conduct fire and life safety inspections of all commercial buildings in the city on an annual basis. As a department we enforce the fire codes equally in all businesses in order to maintain our low incidence of fire. We know that businesses are continually changing. We strive to keep up with those changes and monitor each building in order to preserve the built-in life safety and fire protection features required by codes and ordinances of the City of Brentwood. We consider this an important part of our job primarily for the public's safety, but also our own. Fire department personnel also update pre-incident plans during the inspection process, noting features and unique characteristics of the building that could hamper firefighting efforts or endanger lives in the event of a fire.

In addition to the annual inspections, fire department personnel began conducting quarterly life safety walkthroughs in all of the local restaurants in 2004. These walkthroughs are conducted unannounced during peak business hours to check for overcrowding and key safety violations.

On the fire code front, the City of Brentwood enacted a more restrictive open burning ordinance, adopted the 2003 edition of the Uniform Fire Code and all referenced NFPA codes, and required all new construction as well as buildings undergoing major renovations in the proposed Towne Center Zoning area to be protected by automatic fire sprinkler systems.

In the area of public education, the Fire Department along with Commissioner Reagan and Senator Bryson honored the Kenrose elementary first grader who was selected as the statewide winner in the First Grade Category, of the 2003 Fire Prevention Week poster contest. A major public education project accomplished during the year was the first Citizens Fire Academy Class which graduated in October with flying colors and a better understanding of the operations of a fire department.



Senator Bryson, Fire Marshal Nancy Jones, Commissioner Joe Reagan and 1st grade winner, Sloan Radford of the statewide Fire Prevention Poster Contest.

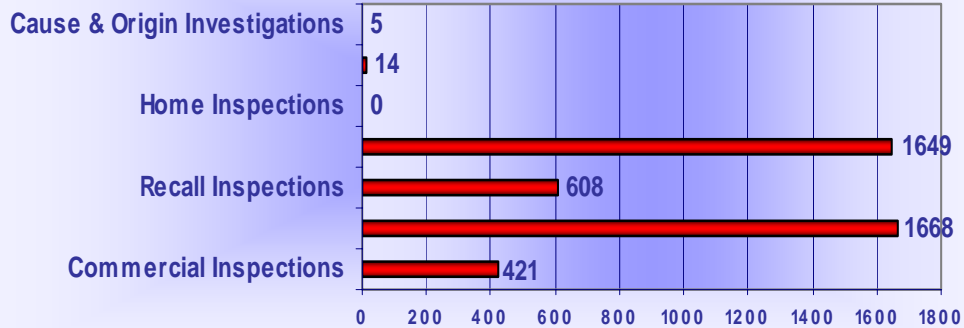


Citizens Fire Academy Graduating Class of 2003

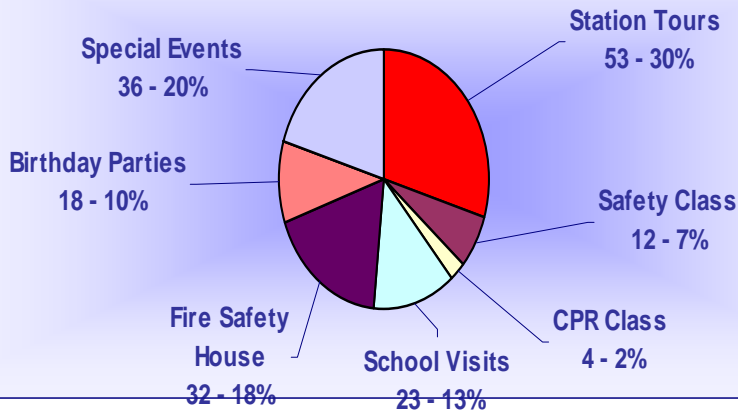


Fire Prevention

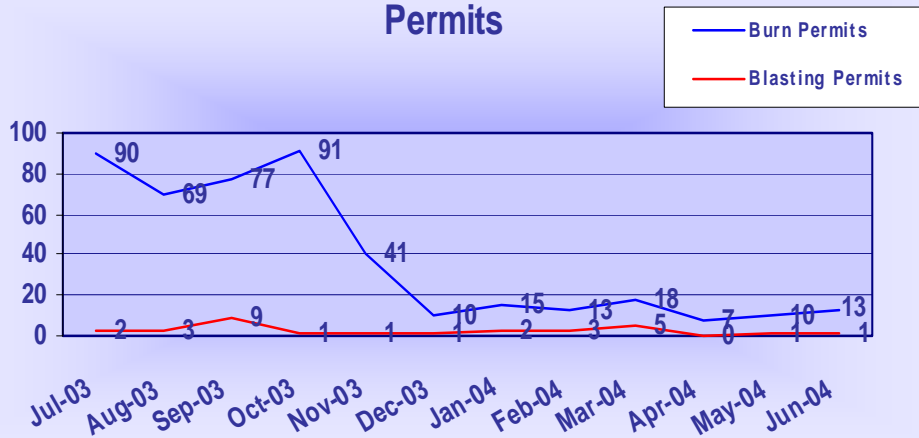
Fire Safety Inspections



Public Education



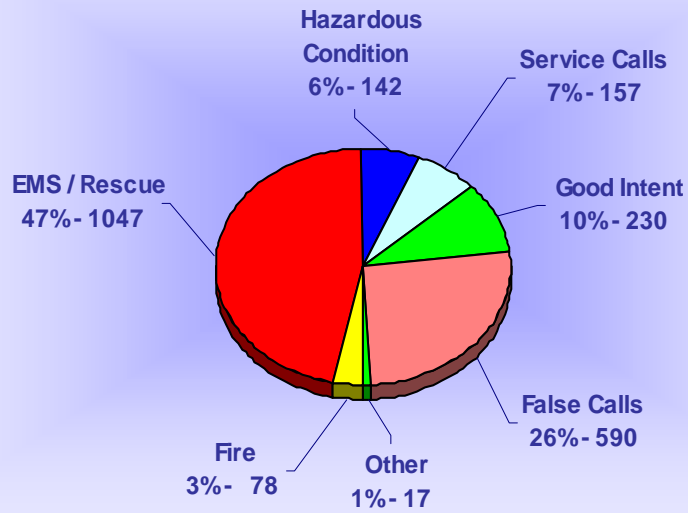
Permits



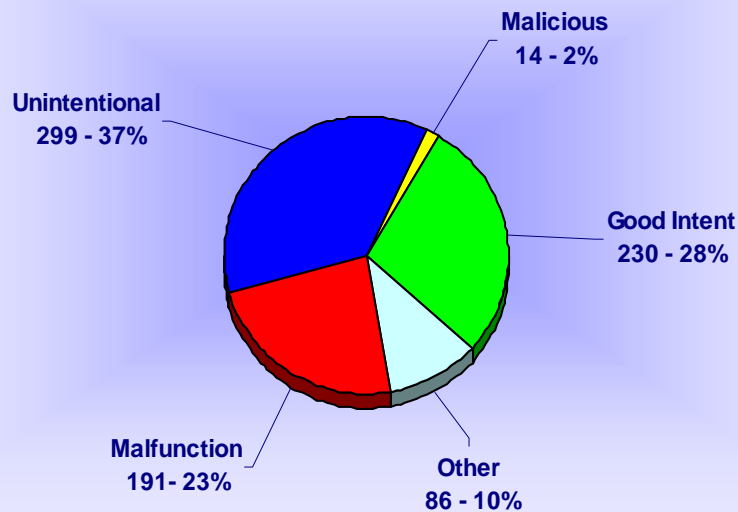


Incident Response

Incident Analysis



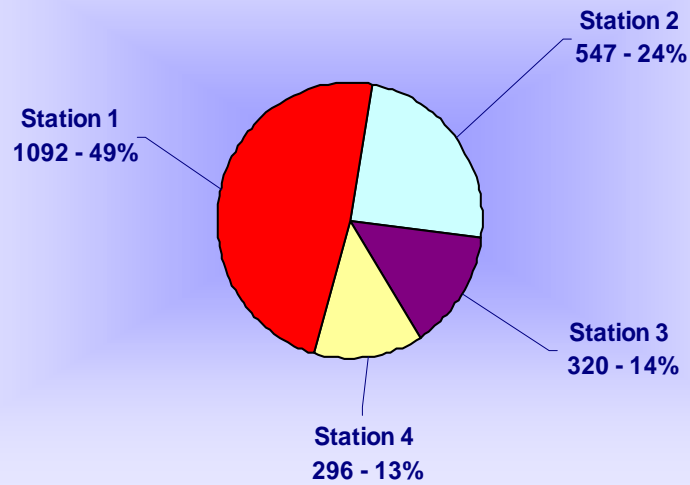
Breakdown of False Calls



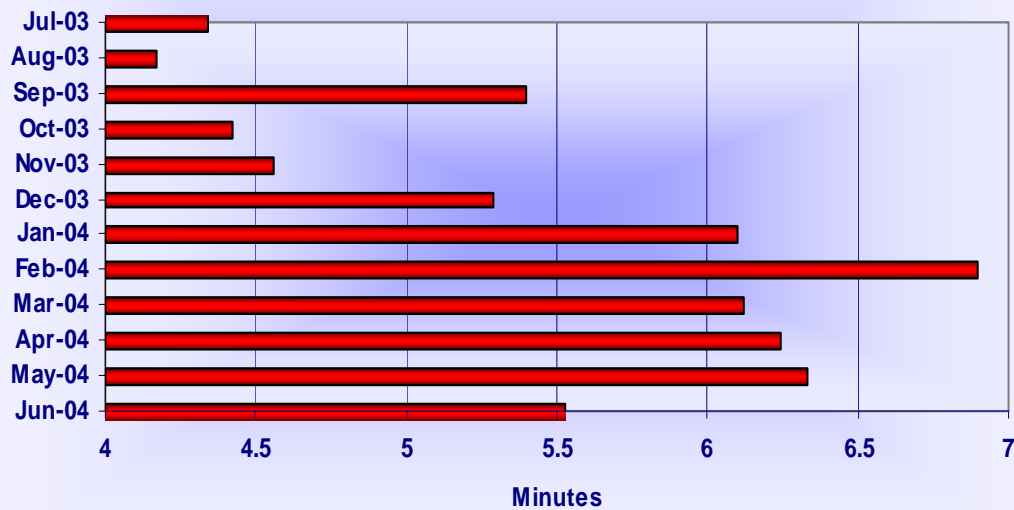


Incident Response

Incidents by District



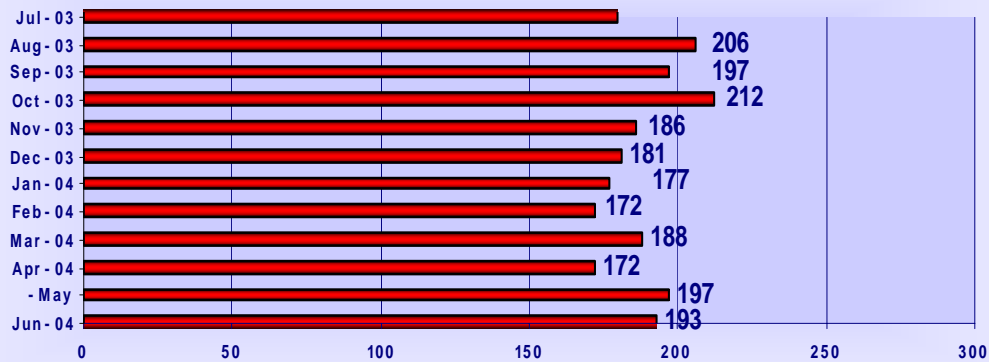
Average Response Time



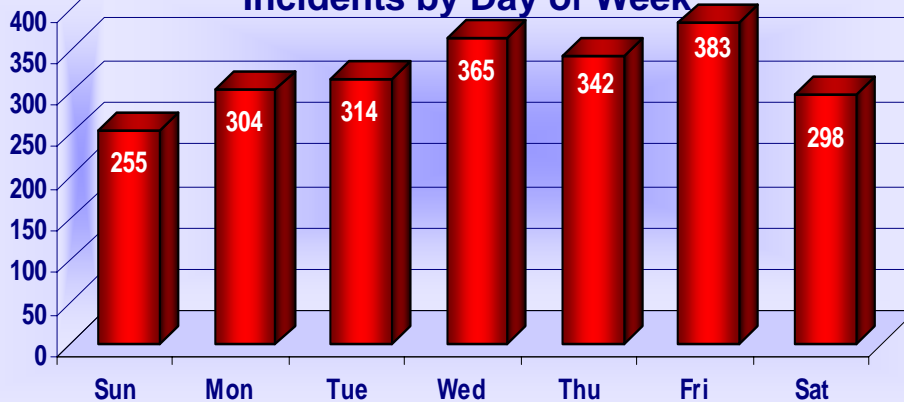


Incident Response

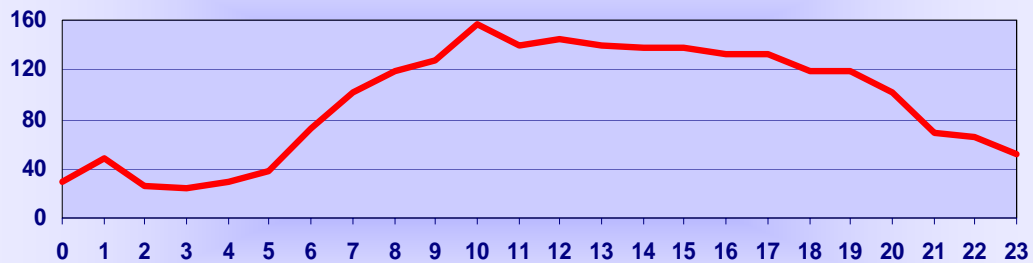
Incident Run Count by Month



Incidents by Day of Week



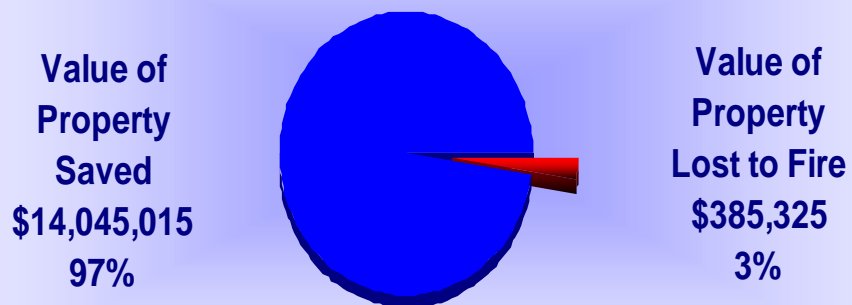
Summary of Incidents by Time of Day



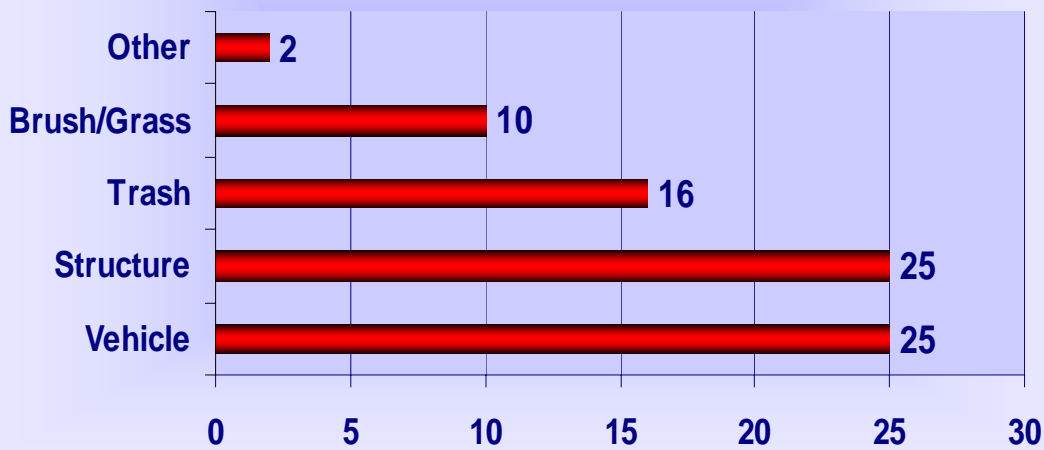


Incident Response

Total Value of Property Involved in Fire Incidents: \$14,430,340



Types of Fires





Significant Incidents

September 5th, 2003 at 11:09 p.m.

Split Log Road

Vehicle Extrication

C-Shift firefighters from Station 4 responded to a report of an auto accident with one person not breathing. Upon arrival, Engine 4 found the driver of a pick-up truck unresponsive and not breathing. A 1 ¾" hand line was laid and scene lighting erected. The patient was extricated from the vehicle using hand tools. Patient was transported to Southern Hills Medical Center.

October 31st, 2003 at 4:44 p.m.

Ward Circle

Commercial Fire

B-Shift firefighters responded to a Ward Circle eatery on a report of a fire. Upon arrival, units determined that there was a fire in one of the restaurant's ovens. Gas to the oven was shut off and the fire was extinguished using a pressurized water extinguisher. Fire loss was minimal.

November 22nd, 2003 at 9:22 p.m.

Plymouth Drive

Residential Fire

C-Shift firefighters responded to a reported residential structure fire at this Plymouth Drive home. E-3 arrived on the scene to find a 2" by 10" wood plank covering a light fixture causing it to overheat and produce smoke. The plank and light fixture were removed and fire loss was limited to an estimated \$2,000 dollars in this \$500,000 home.

December 26th, 2003 at 5:14 p.m.

Waller Road

Residential Fire

Fire loss was limited to an estimated \$15,000 in this post-Christmas fire in a Waller Road structure. A-Shift Station 4 firefighters were the first on the scene to find smoke and flames coming from the roof of the residence. The fire apparently started in an electrical panel which was inside a kitchen cabinet. The fire burned through the roof and was spreading through the attic when Engine 4 arrived. All occupants safely evacuated the residence and content loss was estimated at \$5,000.

February 18th, 2003 at 11:58 a.m.

Sunset Road

Vehicle Extrication

A-Shift firefighters responding to an automobile accident arrived to find a vehicle that had gone over a bridge into a creek. Rescue 1's winch was used along with a tow strap to further stabilize the vehicle. The occupants of the vehicle were removed using ground and roof ladders. The Williamson County Emergency Management Agency was advised of fuel spilling into the creek from the vehicle.



Automobile accidents such as these on Interstate 65 require alert thinking and prompt action of the Brentwood Fire Department personnel as they respond 1st to save lives.



Significant Incidents

February 27th, 2003 at 5:41 p.m.

Fischer Drive

Residential Fire

A-Shift firefighters arrived on the scene of this residential fire to find smoke coming from the eaves and the back door. Firefighters found the residence was unoccupied. Station 1 firefighters extinguished the fire and loss to property and contents was minimized at an estimated \$50,000 in this home valued at \$600,000.

March 20th, 2003 at 8:51 p.m.

Crockett Hill Blvd

Residential Fire

Station 2 firefighters on B-Shift made a quick stop after finding flames coming from the roof of this \$300,000 home. The fire was determined to have been caused by lightning striking the structure. The occupants were awakened to the smell of something burning and found flames in the attic. Loss was estimated at \$50,000 to the property and \$25,000 to contents.

April 10th, 2003 at 11:53 a.m.

Tattersall Court

Residential Fire

B-Shift firefighters arrived on the scene to find heavy smoke coming from the attic vents of this \$300,000 home. Due to fire conditions, Engine 2 performed a trench cut on the roof to ventilate heavy smoke. The source of the fire was found to be a fan in the attic. Loss was estimated at \$90,000.

May 22nd, 2003 at 11:23 p.m.

Sunset Road

Vehicle Extrication

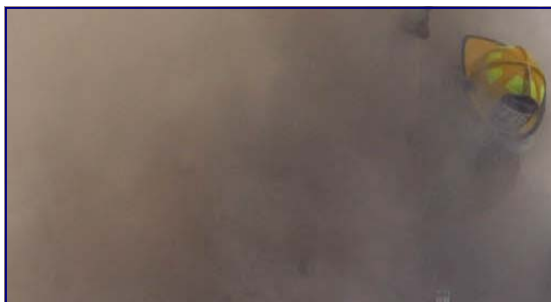
Station 4 and Rescue 1 firefighters arrived to find one vehicle off the road and head-on into a tree. The B-Shift firefighters, with the assistance of Engine 2, removed the patient from the vehicle after 15 minutes of extrication. The patient was transferred to Williamson County Emergency Medical Services who treated and transported the patient to the hospital.

May 31st, 2003 at 00:23 a.m.

Jones Parkway

Residential Fire

A-Shift firefighters, assisted by B-Shift firefighters who had been recalled, responded to a fire after this house had been struck by lightning. Units responded through heavy rains, wind, and lightning to find light smoke coming from the house. Upon entering the residence, interior crews found high heat in the attic and requested that the roof be ventilated. Due to large amount of materials stored in the attic, off-duty B-Shift firefighters were recalled to assist with salvage and overhaul efforts. Estimated property loss was \$100,000 to this \$600,000 home.



An example of how thick the smoke was at the Tattersall Court fire



Damages after the fire on Fischer Drive