



# 2012 Annual Report





## **MISSION STATEMENT**

The mission of the Orange Fire Department is to continually improve the quality of emergency services which include: fire suppression, emergency medical care, hazardous materials mitigation, emergency management, and specialized rescue. We are also passionately committed to continual improvement of fire, safety, fire code enforcement, fire investigations, public education, and environmental safety services. Our goal is to assure a superior quality of life for the citizens of Orange, our business and industrial partners, and our welcomed guests in the City of Orange. We pursue our mission with determination and resolve, and with emphasis on pro-active, cost-effective programs.

Our motto is: **“Your safety is our business”**.

## **DUTY STATEMENT**

**BE SAFE**

**BE HELPFUL**

**BE NICE**

## GUIDING PRINCIPLES

Orange Fire Department employees are thereby guided by the following principles:

- Our employees are the most valuable resource.
- We are accountable to those we serve.
- Pride, the pursuit of excellence and the commitment to public service is of paramount importance.
- Compassion, fairness, and integrity are practiced in all our endeavors.
- Through active leadership, we shall promote the use of quality principles, concepts, and technologies.

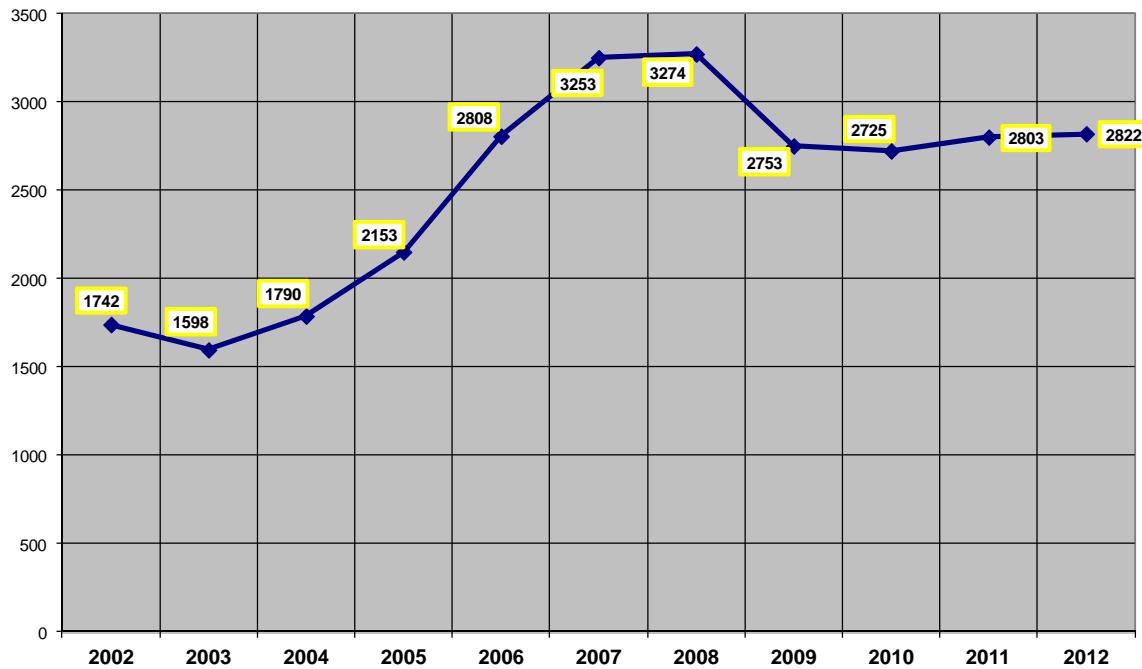
We believe value to the community is measured in the type and quality of services provided.

We recognize that all which is achieved is accomplished by dedicated and compassionate professionals serving humanity. Our staff is committed to teamwork, professional development, excellence, and efficiency. We value the thoughtful and constructive input of each employee of this organization. We strive to improve service to our customers, improve programs delivered to our customers, and to foster good relationships with every person contacted.

2012 Dollar Value Saved vs Loss					
	Value	Loss	Saved	% Lost	% Saved
Building Fires	\$4,182,000.00	\$901,150.00	\$3,280,850.00	22%	78%
Vehicle Fires	\$232,210.00	\$110,010.00	\$122,200.00	47%	53%
Industrial Fires	\$0.00	\$0.00	\$0.00		
Grand Totals	\$4,414,210.00	\$1,011,160.00	\$3,403,050.00		

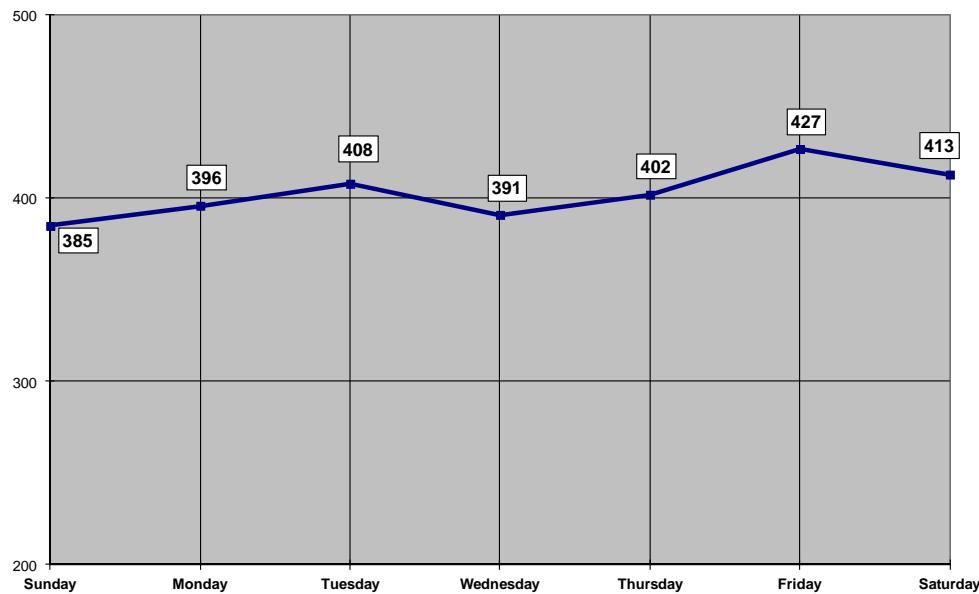
After each fire, the officer in charge estimates the value of the property and the amount of damage the fire caused. This information is entered into a database that can produce a report for review. Our officers have a guidance document to assist them in determining the value of property and the amount of loss from a fire.

### OFD Annual Response History

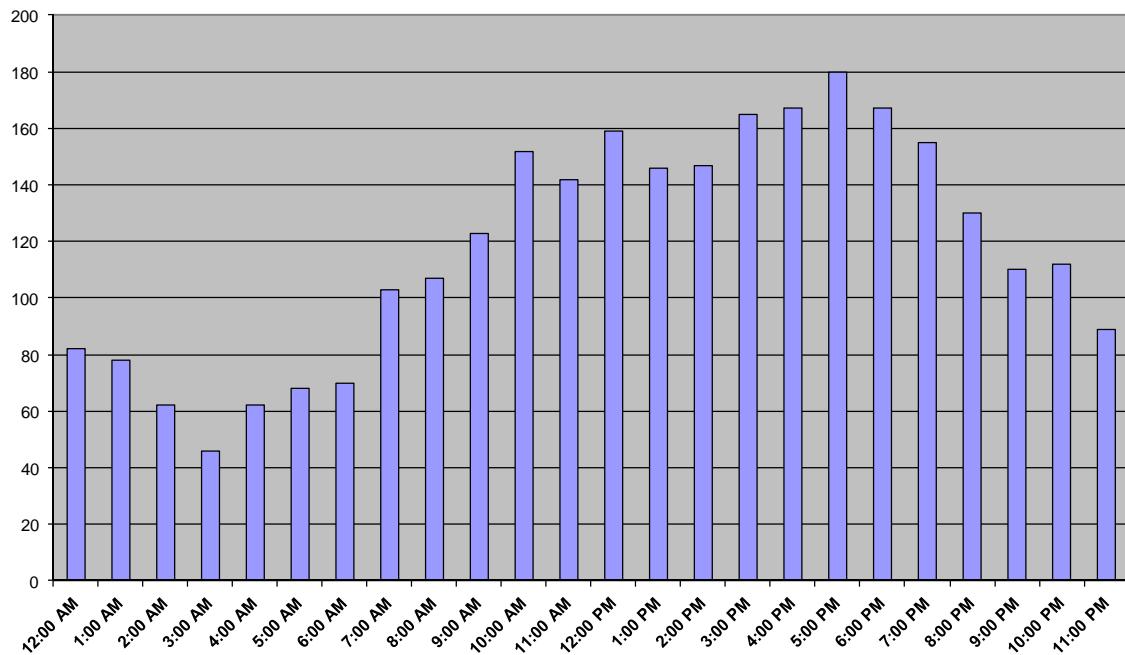


The graph above represents the annual response totals for every type of emergency response the Orange Fire Department participated in since 2002. These totals are only controllable by fire prevention, accident prevention, and health awareness programs. The amount of people that live, work, or travel through Orange also have an effect on these totals.

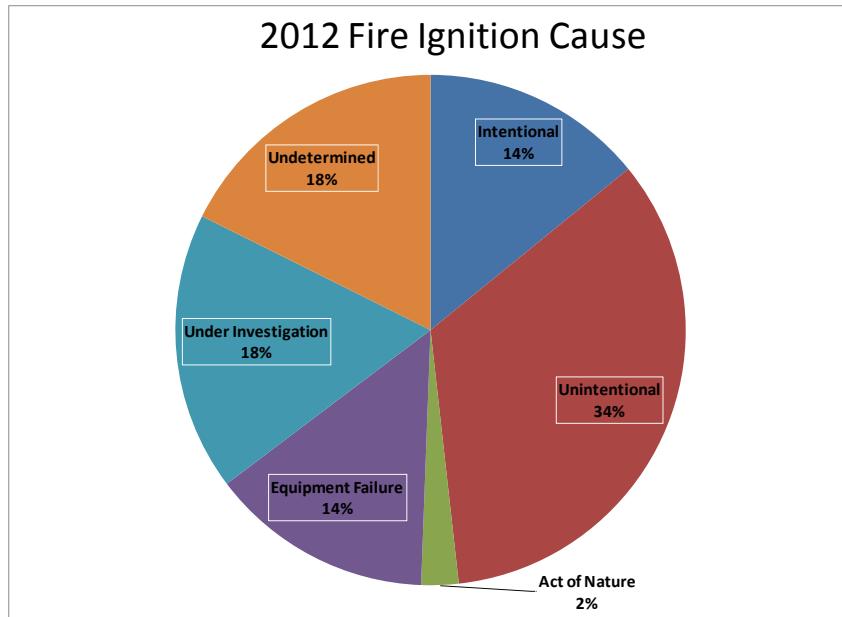
### 2012 Response Total by Day of Week



## 2012 Alarm Time Analysis

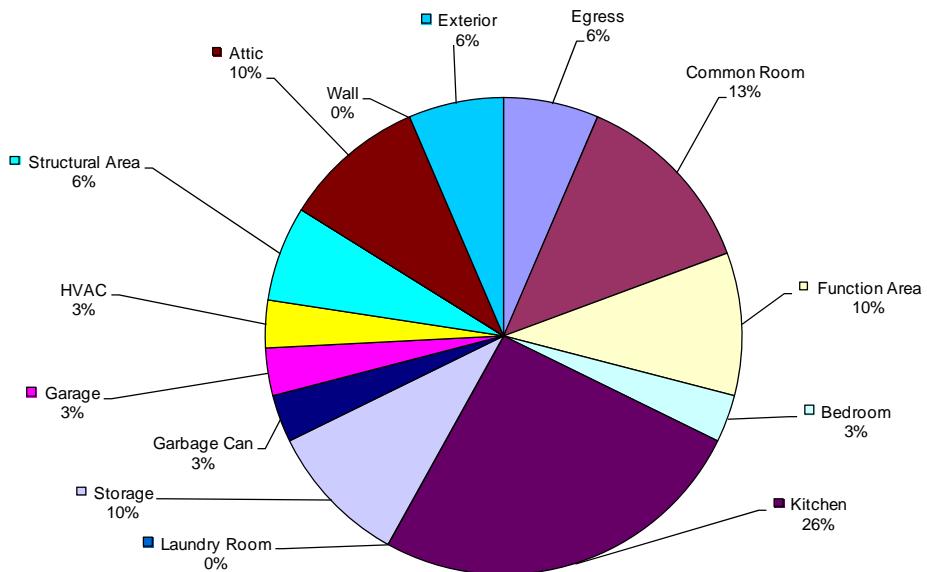


In 2012, the number of emergency responses peaked on Friday and Saturday. Further analysis shows that emergency response peaks each day between 8:00AM to 10:00PM.



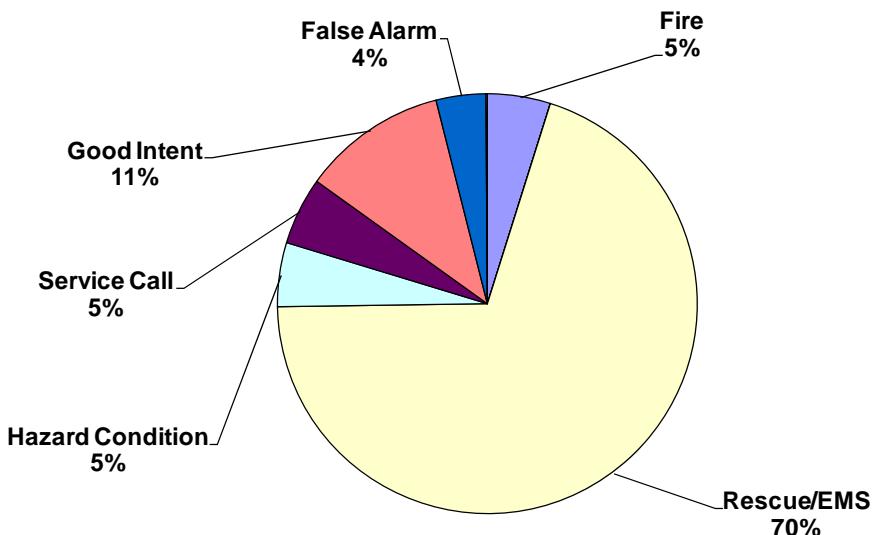
The majority of fires that were responded to in 2012 had an ignition cause of "unintentional" and therefore were not investigated further. 32% of fires were determined to be suspicious and were categorized as either "intentionally set" or "under investigation". These fires have been or are currently being investigated by the fire marshal and the detective division of the police department. Fires that were caused by "equipment failure", "act of nature", or have an "undetermined" cause require no further investigation.

## 2012 House Fire Origin



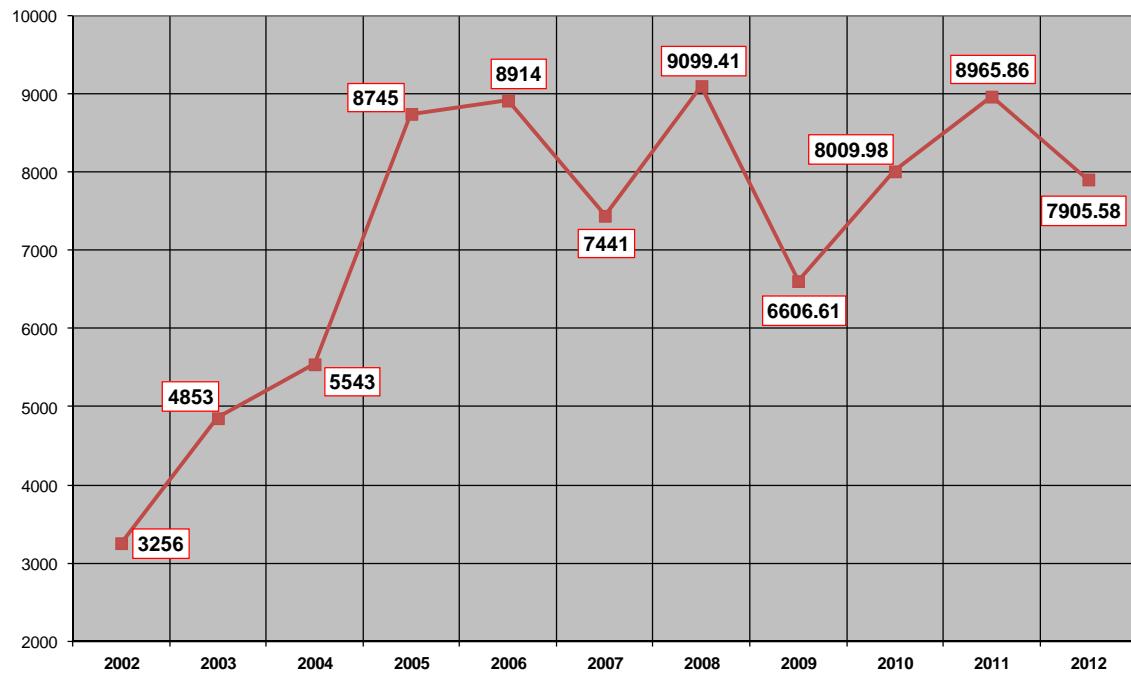
The kitchen remains to be the area within a home that most fires start. This trend in Orange is the same across the nation and remains to be an area of concentrated effort for our fire prevention effort.

## 2012 Incident Response Type



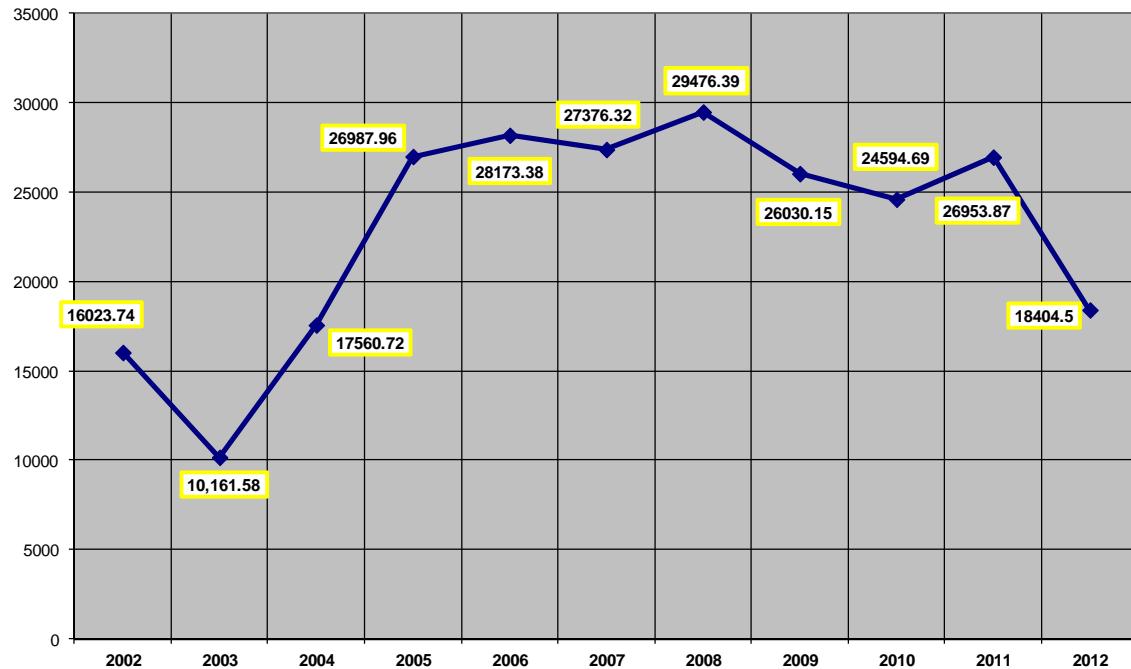
Medical first responder and rescue incidents are 70% of the type of emergencies we respond to. Good intent calls have been increasing simply because our reporting procedures are improving. If the person calling 9-1-1 truly believes that an emergency condition exists, we categorize the call as a "Good Intent" type.

### Training Hours History

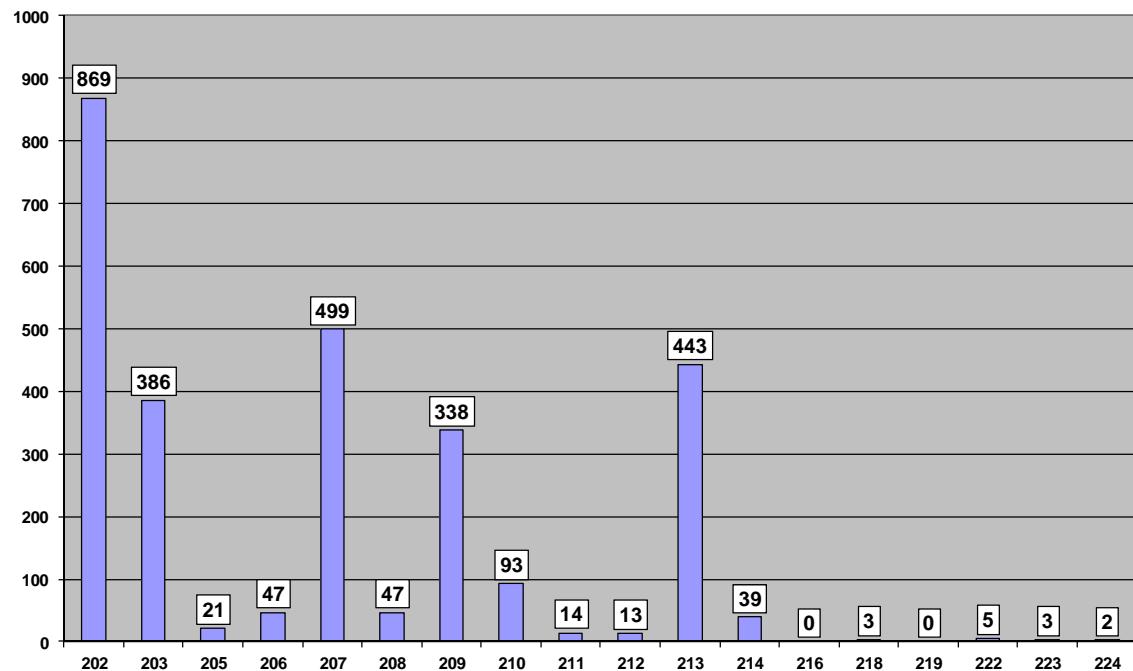


Documentation of training hours and productive time hours continue at acceptable levels. The sharp drop in 2012 is attributed to the effort used to move into the new Central Fire Station.

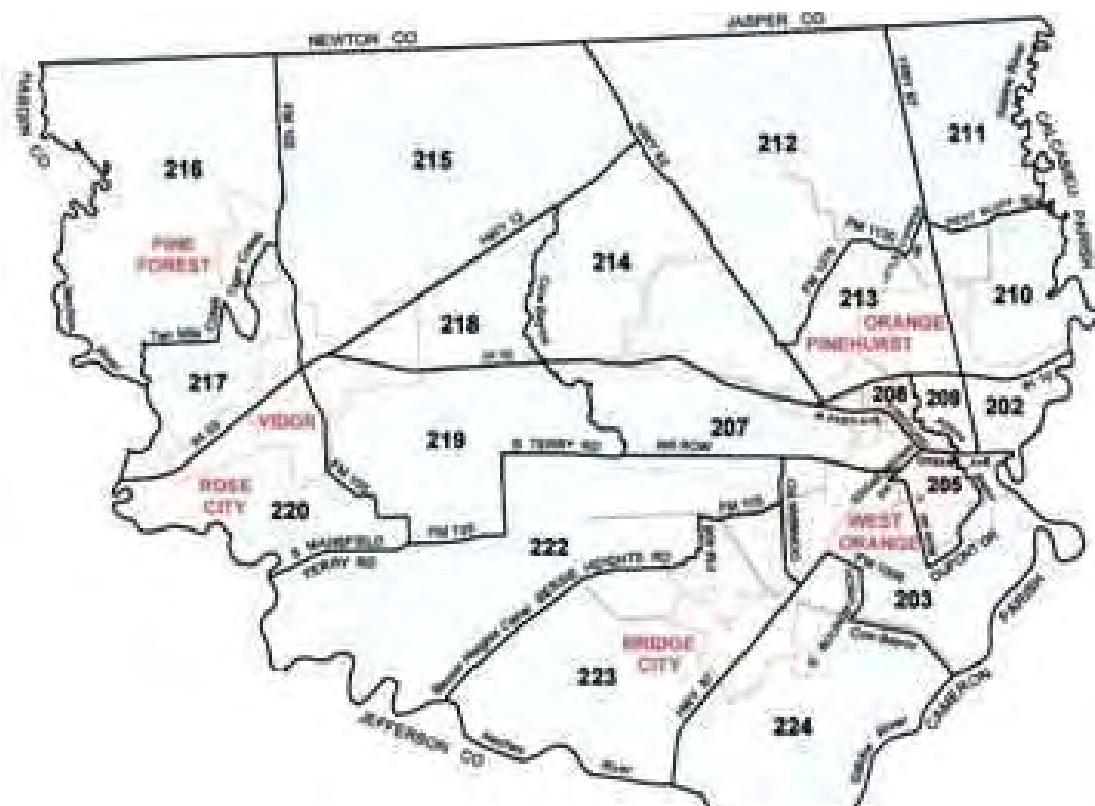
### Documented Productive Hours History



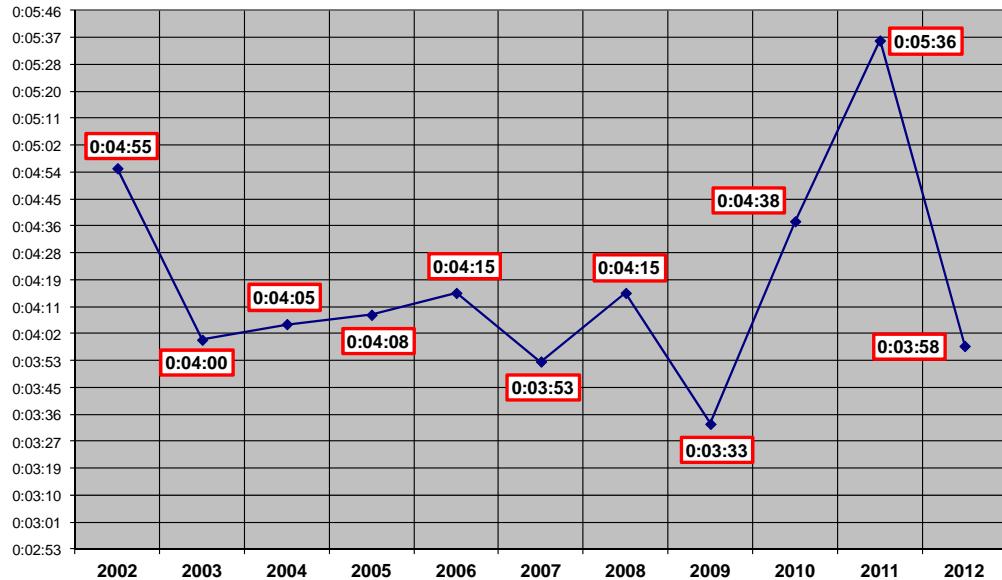
### 2012 Incidents by Census Track



Emergency response to specific areas within the city is tracked by utilizing census tracks. The 202 track remains to be the busiest area.

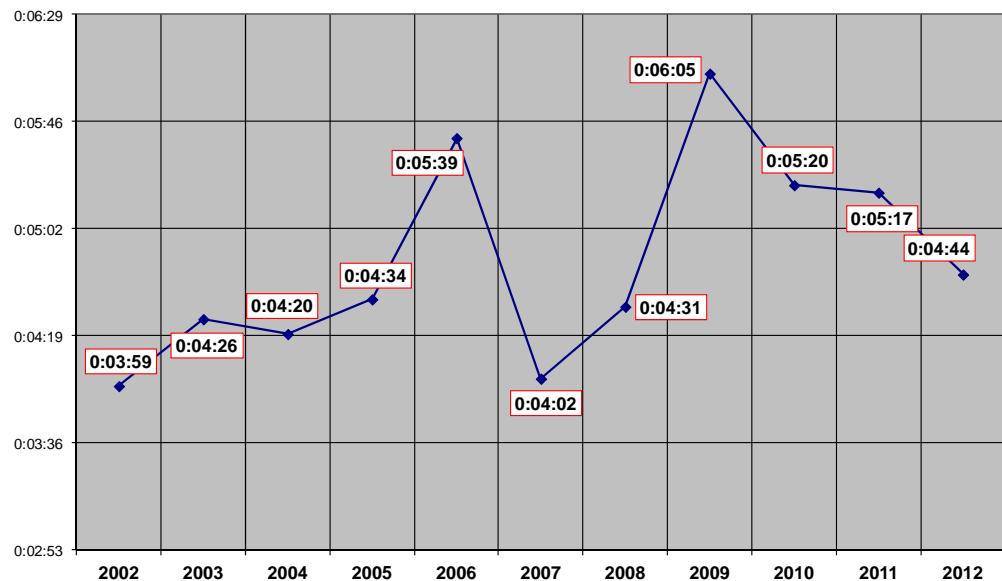


### Fire Response Time Average History



Emergency service delivery analysis involves measuring preparedness and performance. One measurement of performance is the amount of time it takes for the emergency responders to arrive at the scene of an incident. The analysis above is the annual overall average response time to fires within a building. The graph is quite volatile because of the relatively low number of incidents and some responses were in areas outside Orange when we provided mutual aid. The graph below measures the annual overall average response time to a medical emergency. The volatility of this graph can be attributed to the construction on IH-10 and delayed response to motor vehicle crashes.

### Medical Response Time History



# Five Year Planning

## Facilities:

1. Add additional dorm space and gender specific bathrooms to Station #2
2. Add bunker gear storage and equipment storage to Station #2
3. Dedicate an area within Station #2 for a fitness facility
4. Install security fencing around Station #2
5. Expand the rear driveway at Station #2 to facilitate better hose testing surface.
6. Install a fire hose test header at Station #2
7. Complete electrical project for the training building at Station #3
8. Install a fire hydrant at Station #3

## Completed Facilities Projects:

1. Complete construction and commissioning of Central Fire Station.
2. Move Morgan building to a new slab next to the training building at Station #3

## Personal Protective Equipment:

1. Purchase a quantitative fit testing device
2. Purchase an electronic accountability system

## Vehicles:

1. Replace Engine 4 and 5
2. Refurbish Engine-7

## Completed Vehicle Projects:

1. Refurbish or replace Ladder-1

## Training:

1. All drivers attain a TCFP Driver/Operator certification
2. All Captains attain TCFP Officer 1 and 2
3. All Battalion Chiefs complete TCFP Officer 3 and 4
4. Train all personnel to TCFP Haz-Mat Tech
5. Train all personnel in ICS 300 and 400
6. Train all Battalion Chiefs in basic emergency management
7. Train all personnel in firefighter rehabilitation process

## Completed Training Projects:

1. Train all personnel to operate the boat and learn search techniques
2. Train all personnel in surface water rescue

**Equipment:**

1. Install lap top computers in all front line apparatus
2. Integrate CAD on all mobile computers
3. Install rip and run device at all fire stations
4. Install high resolution camera on pneumatic pole tower on Rescue-1

**Customer Service:**

1. Increase market share for onsite confined space rescue stand-by
2. Increase medical certification on each responding crew to the intermediate level
3. Increase public education on smoke detector and fire extinguishers
4. Incorporate injury reduction training to public education effort
5. Expand and streamline portable fire extinguisher training delivery to industrial and commercial customers
6. Complete confined space rescue pre-plans on all confined spaces at customer locations
7. Expand neighborhood outreach efforts with a concentration on fire and personal safety





