



**Fire Chief**  
**Chuck Osterman**

**Operations**

**Assistant Chief**

**Joe Dorner**

**Battalion Chiefs**

Dan Barkhurst, Roger Dixon, William Johnston, R. Porter Williams

**Captains**

James Bailey, Robert Borker, Bob Casson, Robert Cole, Joe Cowin, Tom Flanagan, Ronald Gordon, Larry Hanson, Kelly Johnson, Shane Milligan, Fred Warring, Dan Winder

**Engineers**

Brad Abraham, Jason Burke, Jeff Campbell, Steve Dixon, Chris Kimrey, Matt Klenke, Joey Meins, Tanner Miller, Mark Olivas, David Ravenberg, Andrew Rucker, Curt Schrade, Chris Simpson, Mike Stapleton, Keith Walker

**Firefighters**

Mike Barnes, David Foster, Genaro Herrera, Chris Jackson, Marc Johnston, Brian Knarr, Brandon Medlin, Dustin Osborn, John Patterson, Dave Rivedal, Jeff Stapleton, Steven Witzel, Mathew Wolsey

**Reserve Firefighters**

Erik Berg, Shane Campbell, Chuck Casson, Kamrin Dooley, Donny Gilbert, Aaron Harris, John Osterman III, John Rodriguez, Craig Steele, Bill Watson, Darren Winters

*All personnel are certified at the basic level for EMS and HAZ-MAT with 30 at the paramedic level, 22 hazardous materials*

**9-1-1 Center**

**Administrator**

**April Hanss**

**Crew Leaders**

Joel Hardy, Kari McComas, Stacy Nelson, Jennifer Terry

**Communications Specialists**

Amy Adella, Diana Almanza, Mandy Deets, Michelle Grove, Adam Lucier, Anita Perez, Marjorie Stone, Amber Wells

**Promotions**

**Assistant Fire Chief**

**Keith Eaton**

**Captain**

Joe Cowin and Kelly Johnson  
**Engineer**

Steven Dixon and Keith Walker

**Fire Prevention Specialist**

**Mac Nelson**

**Communications Administrator**

**April Hanss**

**Communications Crew Leader**

Joel Hardy, Kari McComis, Stacy Nelson, Jennifer Terry

**Prevention**

**Assistant Chief**

**Keith Eaton**

**Assistant Fire Marshal**

**Vacant**

**Fire Prevention Specialists**

Mac Nelson  
Dave Patriquin  
Chris Weaver

**Hydrant Division**

**Crew Leader**

**Rick Stewart**

**Hydrant Maintenance Workers**

**Stan Eimon**  
**Paul Johnson**

**Support Staff**

**Administrative Assistant**

**Debbie McKee**

**Administrative Secretary**

**Christine Eimon**

**CPR Instructor**

**Pamela Bein**



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City of Kingman  
Manager, Jack Kramer  
Mayor and Council  
Mayor, John Salem  
Vice Mayor, Janet Watson  
Richard Anderson  
Larry Carver  
Erin Cochran  
Mark Wimpee  
Carole Young

The Mission of the Kingman Fire Department is to preserve and enhance community life, health and property through quality customer service.

# KINGMAN FIRE DEPARTMENT



## 2012 Annual Report





**INTRODUCTION**

The number one responsibility of any government is to provide for the safety of the public it serves. With this in mind the underlying values of the Kingman Fire Department personnel are compassion, dedication, commitment, honor, courage and integrity. As the Fire Chief of the Kingman Fire Department, I proudly present this summary of the activities for the year 2012.

We continue to face financial challenges as a part of the City and although we have slightly reduced the number of public events and outreach in the community we continue to look for new and innovative ways to reach the public and deliver our safety messages. We were pleased to continue with some of our regular events including the neighborhood safety fairs, bike rodeo, household hazardous waste collection events, Pink Heals, Code Three Clothe a Kid, and dedication ceremonies at Lee Williams High School among others. We also managed to add training to certify a child passenger safety seat technician and become a part of the community wide program to provide child safety seat education, inspection and installation.

Though still unable to fill the training officer position due to budgetary constraints, training continues to be a priority. This includes fire, EMS, hazardous materials, and specialized rescue training for all members of the department. We are also active in the community assisting businesses with safety and prevention programs through code enforcement inspections and assisting with preparedness initiatives albeit at a reduced level with a vacancy in that division for more than half of 2012.

The department continue to respond with specialized equipment to incidents involving hazardous materials, trench rescue, rope rescue, confined space rescue and structural collapse. All of the incidents require significant amounts of training and additional equipment for our personnel, who also respond for mutual aid in association with other neighboring departments.

**Stats Summary**

- ◆ 8,959 total calls for service
- ◆ 5,427 emergency calls for service
- ◆ 6.96% increase in emergency response from last year
- ◆ 4,589 calls for EMS, 84.6% of emergency response
- ◆ 3,265 patients were transported to hospital for care

In 2012, we completed the consolidation of dispatching for area public safety agencies. Kingman Police, Kingman Fire, Golden Valley Fire, Northern Arizona Consolidated Fire, Pine Lake Fire, and Pinion Pines Fire are now dis-

patched from our 9-1-1 center, which was in full operation by March. As part of this process, the determination was made to place management of the 9-1-1 Center under the our department. April Hanss was promoted to 9-1-1Center Administrator and a process to establish squad crew leaders was conducted to round out the new management structure.

To keep up with technological demands and as required by the F.C.C. Radio communications equipment was updated for narrow banding which allows the current bandwidths to be split and keep up with the demand for additional radio channels. Grant funds were obtained to assist in the purchase of new equipment for the 9-1-1 Center and replacement of our portable radios. The City is now compliant with the new technology.

The periodic evaluation for our ISO (Insurance Service Organization) rating was conducted this year. Thanks to keeping our stations manned at the current levels and the class 1 city owned water system, we were able to maintain our class 4 ISO rating. This high rating is important as it is utilized by insurance providers to set insurance rates for home and business owners.

Other areas of note for 2012 include that Joe Dornier, Assistant Fire Chief of the Operations Division was honored as Firefighter of the Year for our community by the Benevolent Protective Order of Elks.

*Doug Bradley*



*Gary Turnbow*



A long time partner in the Kingman Fire Department retired in May after 35 years with the City. Special thanks and best wishes to our past Assistant Fire Chief/Fire Marshal, Doug Bradley. Captain Gary Turnbow also retired after 20 years with the City. It was a pleasure to serve the community with you both.

Kingman Fire Department prides itself on being proactive, efficient and effective in our delivery of services. We are an exemplary organization due in part to the support of the Mayor, City Council, City Manager and his staff, as well as other City departments and supporting governmental agencies. I want to thank all the men and women of the Fire Department for their support and commitment to our community and mission.

**Chuck Osterman, Fire Chief**



**TRAINING**

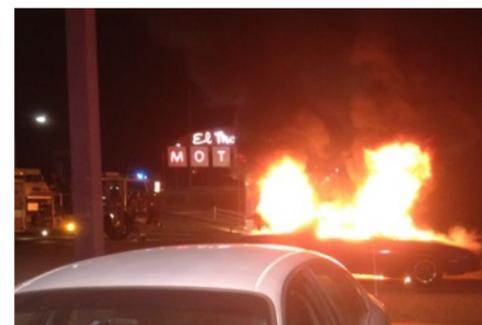
The training program is the hub of the department's ability to safely and effectively respond to emergency incidents and provide assistance to citizens. As KFD has continued to become more and more diverse in the services in which personnel deliver, so is the case with training and preparing to do so. And though our training officer position remains unfunded and unfilled, training remains a high priority for us.

The first component of our training program is medical, which after initial education, ensures that our members maintain all their levels of licensure that require ongoing continuing education and re-certification and also stay abreast of current developments and innovations in EMS care. The second component is fire and technical in nature. This include fire fighting skills, technical rescue skills, extrication and so forth. The third component is personnel leadership development. Through officer training and succession planning, we ensure that our younger members and our department are prepared for the future by developing our leaders of tomorrow now.

**Significant Training Conducted**

- ◆ Joint driver/operator program with Northern AZ Consolidated Fire Department
- ◆ Multi-organizational Lost/Missing Firefighter Mayday drill
- ◆ Thermal imaging camera rescue drills
- ◆ Aerial and master water stream drills
- ◆ 91st Civil Support Team/DPS/FFFD/AMR Drill
- ◆ Statewide EOC activation drill
- ◆ FEMA NIMS emergency preparedness courses
- ◆ Officer Training
- ◆ Multi-company drills
- ◆ Fire apparatus driver operator training
- ◆ Technical rescue drills
- ◆ Hazardous materials refresher and practical application drills
- ◆ Emergency medical services training

Self study and the pursuit of certifications and degrees are promoted within our culture. Firefighter John Patterson attained paramedic certification this year. Kamrin Dooley,



Left: Personnel Responded to a vehicle fire for Extinguishment and Investigation.

Right: Explorers participate in the Memorial Day activities.

Brian Knarr, and Mathew Wolsey obtained certification as State Driver/Operator Trainers. Donny Gilbert received his ARFF certification. Chris Weaver received Child Passenger Safety Seat technician certification. Assistant Fire Chief Keith Eaton received his bachelors degree in Public Administration and Emergency Management. Assistant Chief Joe Dornier received his Master of Science degree in Leadership with emphasis in Disaster Preparedness and Executive Fire Leadership.

**HONOR GUARD**

The Kingman Fire Department Honor Guard is a joint venture between the Kingman Fire Department, the Kingman Fire Fighters Association, The Kingman Unified Firefighters Local # 4191 and the Northern Arizona Consolidated Fire District # 1. The membership includes 20 men and includes three bagpipers with more in training. This year the group received a huge boost from our brothers to the north, the Calgary Fire Department Pipe and Drum group donated a full set of used drums to the KFD Unit.; this addition will help make the KFD Pipes and Drums a reality. The Honor Guard participates in local Memorial Day celebrations, an annual memorial for the KFD Fallen Firefighters and attended the Arizona Fallen Fire Fighters memorial in Phoenix. The Honor Guard is a volunteer group and spends many hours practicing and honing its skills.



**YOUTH EXPLORER PROGRAM**

Kingman Fire Department Explorer Post #10, started in May 2009, is an active group of local youths and young adults ranging in age from 14 to 20 who are interested in learning about firefighting and community service.

The KFD Explorer Post is a division of the Boy Scouts of America Explorer Program. The participants in this post learn about firefighting and the importance of community service, they strive to learn about emergency services and the role it plays in our community.

Explorers are active in the community assisting with various activities with the Fire Department including Fire Safety Education and Fire Safety Awareness. The Post currently has 13 active members, which includes five adult advisors who are Fire Department members.



**FIRE PREVENTION**



The mission of the Fire Prevention Bureau is to protect the public and the fire service with coordinated efforts in code enforcement and public education thereby reducing the loss of life and property due to fire and other emergencies in the City of Kingman. Some of the activities conducted by our division are review of construction documents; license, regular, hazard, and safety inspections; safety education and training; and data management.

The Fire Prevention Bureau, led by Assistant Fire Chief/Fire Marshal Keith Eaton, is also responsible for fire investigation, child passenger safety seat inspection, installation of residential emergency access systems (Knox boxes), residential smoke detector program administration and juvenile fire setter intervention, where we provide follow up on incidents and reports of youths playing with fire or who have expressed interest in fire and may be at higher risk.

Nationally, children playing with fire are the cause for more than 80,000 structure fires per year resulting in 760 deaths and 3,500 injuries. We work with Mohave County Probation, Mohave Mental Health Services, parents and often other children in the household to provide a holistic approach.

The Fire Prevention Division is also responsible for the coordination and management of our facilities/stations and our hydrant maintenance program. GIS mapping for all 2,445 hydrants was completed in coordination



Engineer Mark Olivas with the students from Mrs. Osterman's Class at Kingman Academy of Learning.



With CPR and Fire Safety combined there were 234 events with a total of 7,128 public contacts.



**CPR Saves**



**Hydrant Maintenance**

Kingman Fire Department is responsible for testing, repairing, and maintaining the 2,447 hydrants within the expanding water system. This includes 1,789 hydrants within the city limits and 658 outside of the city. Six hydrants were added to the system in 2012.

Public Education	Contacts
Total Classes	234
Total Seniors	168
Total Adults	1,427
Total Juveniles	5,533

**We provide CPR training as a FREE community service.**  
**60 CPR classes were held this year with 25 seniors, 248 adults, and 2 juveniles for a total of 275 participating.**

Non-Emergency Fire Prevention Activities	
Commercial Plan Reviews	70
Residential Plan Reviews	77
License Reviews	282
Special Events	46
Engineering Reviews	0
P & Z Reviews	0
Code Enforcement	167
Public Education	234
Building Inspections	1,918
Other Calls for Service	738
<b>Total</b>	<b>3,532</b>

with our personnel and staff at Information Services for the City of Kingman.

After a retirement, one Bureau position was vacant and unfunded for more than half of 2012. yet we still had a 12.8% increase in overall total contacts during our public education programs, and all age groups saw an increase. The number of elderly community members contacted more than doubled. Although the number of fires was up slightly over last year, the dollar loss was less than half that of the previous year.

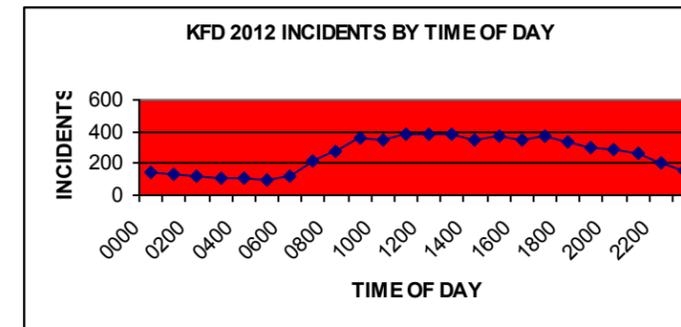
**Hydrant Activity**

Flowed	846
Flushed	309
Serviced	70
Painted	491
Inspected	4,502
Repaired	59
Weeded	2,424
Valve Checked	2,609
<b>Total Activity</b>	<b>11,310</b>



**OPERATIONS DIVISION ACTIVITY**

Kingman Fire Department firefighters responded to more calls for emergency incidents and service in 2012 than in any other year in the history of the department. These incidents include the extinguishment of fires, treatment and extrication at vehicular accidents, hazardous materials responses, fire alarms, weather related incidents and providing Advanced Life Support (paramedics) techniques and care during transport to the hospital. The department also provided mutual aid response to neighboring departments in accordance with numerous agreements in Mohave County.



Our four strategically located fire stations utilize a combination of career and paid-on-call firefighters. Career firefighter/Paramedics and EMTs staff all four stations 24 hours per day, seven days per week.

There are 43 uniformed career personnel working 24 hour shifts. An additional seven uniformed fire fighting personnel, including the chief officers who work out of the administration office, 11 uniformed paid-on-call personnel who fill in for vacation and sick leave as well as respond to larger emergency incidents as necessary.

Kingman Fire Department has a wealth of knowledge and experience in our personnel. This provides the department with the ability to utilize this talent to guide and manage various facets of the organization. In addition normal emergency preparedness and response activities nearly all personnel assume additional roles to assist in the management of various projects and programs such as self contained breathing apparatus (SCBA) and breathing air program, maps and map book program, and components of hazardous materials and technical rescue response programs, in addition to participating on several other active committees.

The Steering Committees consists of operational personnel who bring problems, solutions and suggestions to the table for issues within the Operations Division. Issues that have received acknowledgement, discussion and in many cases resolutions include scheduling systems for personnel, training program guidance, and various suggestions and input

for the amendment or development of standard operating procedures. Topics and activities are very diverse and allow a forum for positive and productive change.

The Safety Committee consists of operational personnel. The Safety Committee meets every other month with a set agenda of reviewing all work related injuries and accidents that occur within the workplace. Goals of these reviews are to prevent future injuries and accidents through engineering practices and in some cases environmental changes through equipment and/or gear. Additionally, the committee provides a forum for personnel to bring safety concerns of their peers to an organized setting.

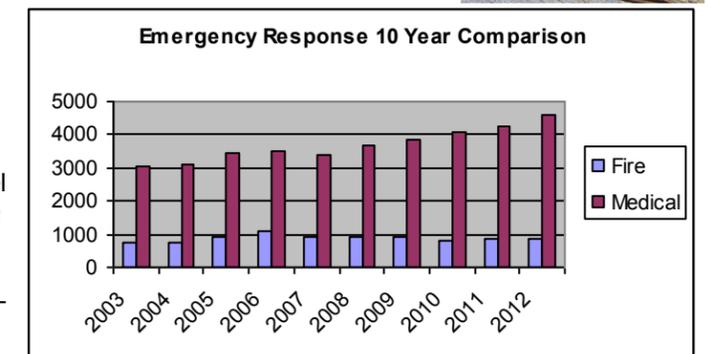
The EMS Committee consists of operational response personnel. It is committed to providing valuable input towards the improved service delivery of emergency medical care that comprises nearly 85% of our emergency responses. The group researches and identifies state of the art equipment, practices, and conditions to prepare responders to meet the needs of the EMS personnel and the Kingman community.

The Physical Fitness Committee consists of operational personnel. The committee was developed to promote physical fitness and wellness within the organization. Several members of the committee have received training and education as peer fitness instructors. These personnel act as a spearhead to guide the organization towards a systematic approach to maintaining the physical fitness and wellness of personnel.

With the retirement of Doug Bradley, Gary Turnbow and one other vacancy, we conducted open firefighter testing to fill positions. New full time personnel include Brian Knarr and Steven Witzel (to the right) and Genaro Herrera (pictured below).



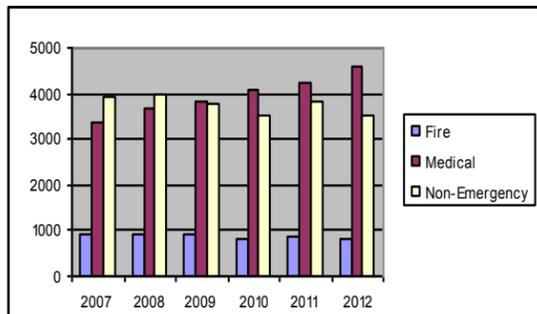
Joseph Dornier, Asst. Fire Chief





**EMERGENCY ACTIVITY**

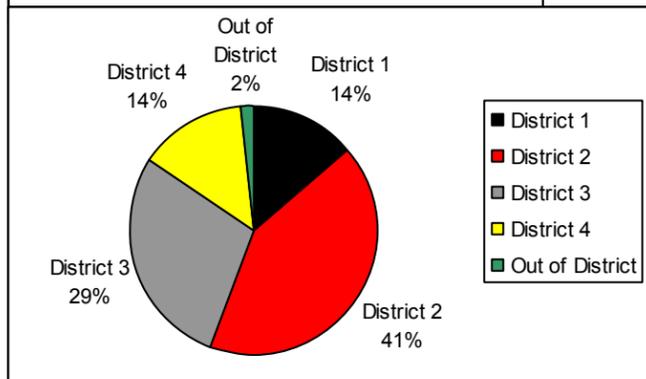
Six Year Activity Comparison



There were no

5 year Comparison of Emergency Incident

Call Type	2008	2009	2010	2011	2012
Structure Fire	44	28	24	25	35
Vehicle Fire	27	21	27	21	25
Brush Fire	19	19	22	32	55
Rubbish Fire	24	29	15	20	19
Other Fire	25	30	24	19	15
Other Hazard	110	101	105	108	142
Good Intent/False	672	688	605	620	547
General Illness	2,095	2,034	2,584	2,757	2,806
Falls	296	254	241	299	363
Cardiac	280	253	169	213	269
Respiratory	209	183	184	182	199
Emotional	123	143	140	187	232
Motor Vehicle	126	103	126	108	175
Assault and Gunshots	53	53	48	51	52
OD/Poison	48	57	51	40	76
Other Medical	443	751	531	392	417
<b>Total</b>	<b>4,594</b>	<b>4,747</b>	<b>4,896</b>	<b>5,074</b>	<b>5,427</b>



**Kingman Fire Department Facility and Equipment Data**

Building	Address	Year Built	# Personnel Housed Daily	Apparatus
Station 1	301 N. Fifth Street	1973/1974	4 (includes Battalion Chief)	U-246 Battalion Chief E-211 2007 Pierce, Engine E-212 1992 Pierce, Reserve Engine B-216 1995 Ford, Wildland Vehicle S-217 1982 International, Hazmat Support Unit
Station 2 & Training Ground	1605 Harrison Street	1962/1963	3 to 4	E-221 1998 Pierce, Engine E-222 1995 Pierce, Reserve Engine T-228 1985 Ford, Water Tender T-218 1989 GMC, Water Tender
Station 3	4000 N. Sierra Road	1996	4	E-231 2009 Pierce, Engine L-234 2002 Pierce, Ladder Truck R-235 2007 Freightliner, Medium Rescue U-265 2001 Ford, Travel Vehicle Mass Casualty Trailer Ranger 4 x 4 2005, Off-Road SUV Support Vehicle
Station 4	302 Eastern Street	1987	3	E-241 2004 Pierce, Engine B-246 2000 Ford, Wildland Vehicle

deaths as a result of fire in 2012. Emergency response



increased 6.96% in the last year.

In the last ten years emergency response has increased 43.8%.

Quick dispatcher response, rapid response by our EMS personnel and the use of effective protocols with cardiac arrest patients has increased the return of spontaneous circulation (ROSC) with a patient discharge from hospital with no neural deficits from <5% to 30% .



**EMERGENCY MEDICAL SERVICES**

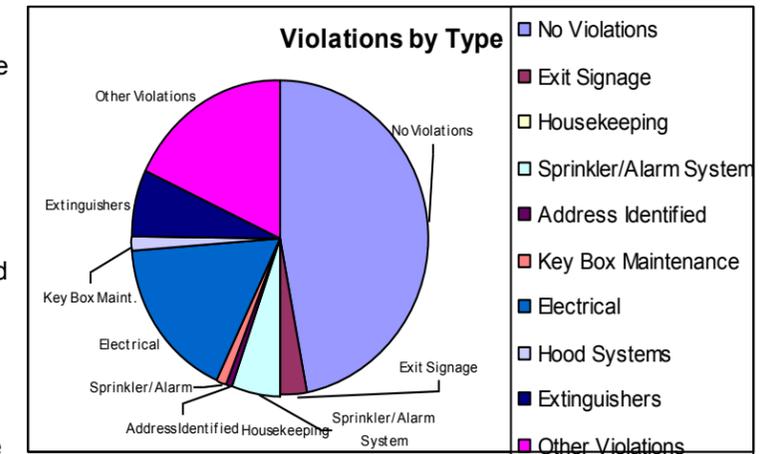
The Kingman Fire Department has been providing rescue services to our citizens since the inception of our department providing a foundation for our community service and a commitment to our citizens which continues to this day. Initially, first aid, motor vehicle accidents and resuscitation calls for service were common place. As our community grew and evolved the demand for services and the growing sophistication of the profession indicated the need for fire based Pre-Hospital Emergency Medical Services (EMS). In 1983 our EMS program developed rapidly as Kingman Regional Medical Center (KRMC) became a licensed base station for pre-hospital care. Kingman Fire Department (KFD) currently provides the highest level of EMS service to the public. We participate in shaping pre-hospital care in our region through collaboration with our local hospital, Arizona Department of Health Services and other area EMS providers.

Kingman Fire continues to participate with KRMC and Mid-western University by providing the opportunity for KRMC physicians to observe first hand pre-hospital emergency medical services at the emergency scene.

Our line personnel assist with planning and identifying areas of need through our EMS Committee which is comprised of medical personnel from each shift.

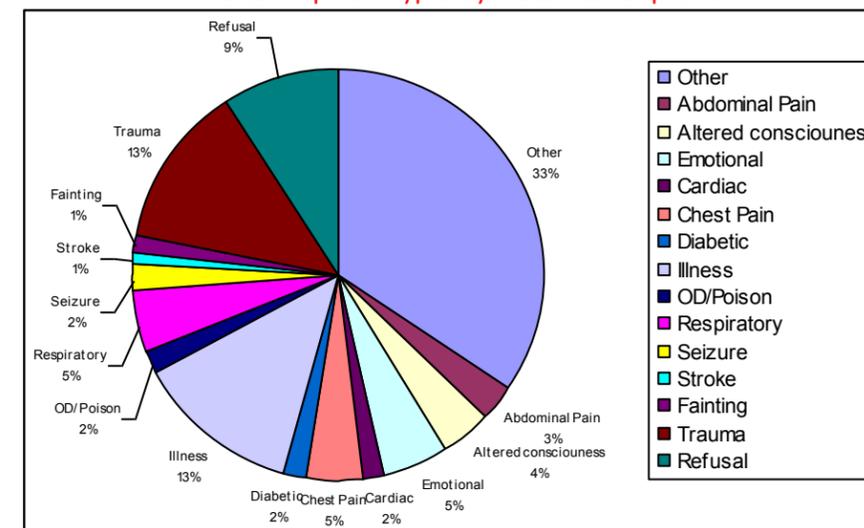
2013 will bring continued enhancement of our EMS system as we strive to identify strategies and pathways to improve patient care. Significant improvements have been made in the area of trauma care and stroke management through collaboration with our EMS base station hospital. Our 12 lead EKG transmission program (STEMI Alerts) significantly reduced the arrival to cardiac catheterization time. Our times are lower than the national average. This reduction in time directly correlates to more positive patient outcomes.

Business Inspection Violations by Type



Fiscal Year	Budget Comparison
2005/2006	\$5,451,147
2006/2007	\$5,812,764
2007/2008	\$6,175,853
2008/2009	\$5,581,010
2009/2010	\$5,223,398
2010/2011	\$5,187,196
2011/2012	\$5,167,938
2012/2013	\$5,245,856

Medical Response Types by Paramedic Impression



The average patient age for 2012 was 55.

Nearly 75% of the patients we treat are transported to the hospital.