



Lyndhurst Fire Department

2009 Annual Report

Submitted By:
Gerald M. Telzrow, Chief

Lyndhurst Fire Department

Mission Statement

We dedicate our efforts to caring the safety and welfare of the community through fire fighting, rescue and emergency medical services.

It is the responsibility of each member of the Lyndhurst Fire Department to support this mission by subscribing to the following values:

Integrity behave in a way consistent with professional and ethical standards and the department values. Remain open and honest, keeping commitments and taking personal responsibility for what we say and do. Earn trust and respect through honesty, fairness, and competence.

Professionalism be mindful of your appearance, it reflects your opinion of yourself and a department. Take care to present yourself and organized manner at all times. Maintaining a set of values, attitudes, and behaviors that result in serving the interest of the public before one's own.

Teamwork a commitment to shared vision and objectives, depending on one another, pulling together while sharing knowledge and learning. Creating a sense of community and pride in how the department operates. Take pride in our collective achievements and putting the department head personal interests.

Competence be committed to learning as much as possible about all aspects of the job. Be honest when evaluating your own limitations and work hard to overcome them.

Respect treating others in the manner in which you wish to be treated will help to foster a pleasant and productive work environment. Work hard to create an environment where everyone feels valued.

<u>Name</u>	<u>Rank</u>	<u>Service Years</u>		
Gerald M. Telzrow	Fire Chief			34
Dale St. John	Captain	25		
Dave Holtz	Lieutenant	24		
Bob Mormino	Firefighter/Paramedic	19		
Bruce Borthwick	Captain	18		
Dave Young	Lieutenant	18		
Mike Suster	Firefighter/Paramedic	17		
Dan Isaac	Captain	16		
Michael J. Carroll	Captain – Fire Prevention & Training			16
Tony Iosue	Firefighter/Paramedic	14		
Pat Antonelli	Firefighter/Paramedic	14		
Mark Tarnowski	Firefighter/Paramedic	14		
Jon Pettine	Firefighter/Paramedic	12		
Scott Maynor	Lieutenant	12		
Adam Bobinski	Firefighter/Paramedic	11		
Dan Barnoski	Firefighter/Paramedic	11		
Jim Ziska	Firefighter/Paramedic	10		
Ryan Procop	Firefighter/Paramedic	10		
Todd Drum	Firefighter/Paramedic	10		
Dan Knoch	Firefighter/Paramedic	9		
Jeff Fisher	Firefighter/Paramedic	9		
Jon Isaac	Firefighter/Paramedic	8		
Pamela Paalman	Firefighter/Paramedic	6		
Brain Ford	Firefighter/Paramedic	6		
Nick Martin	Firefighter/Paramedic	4		
Sam Brown	Firefighter/Paramedic	3		

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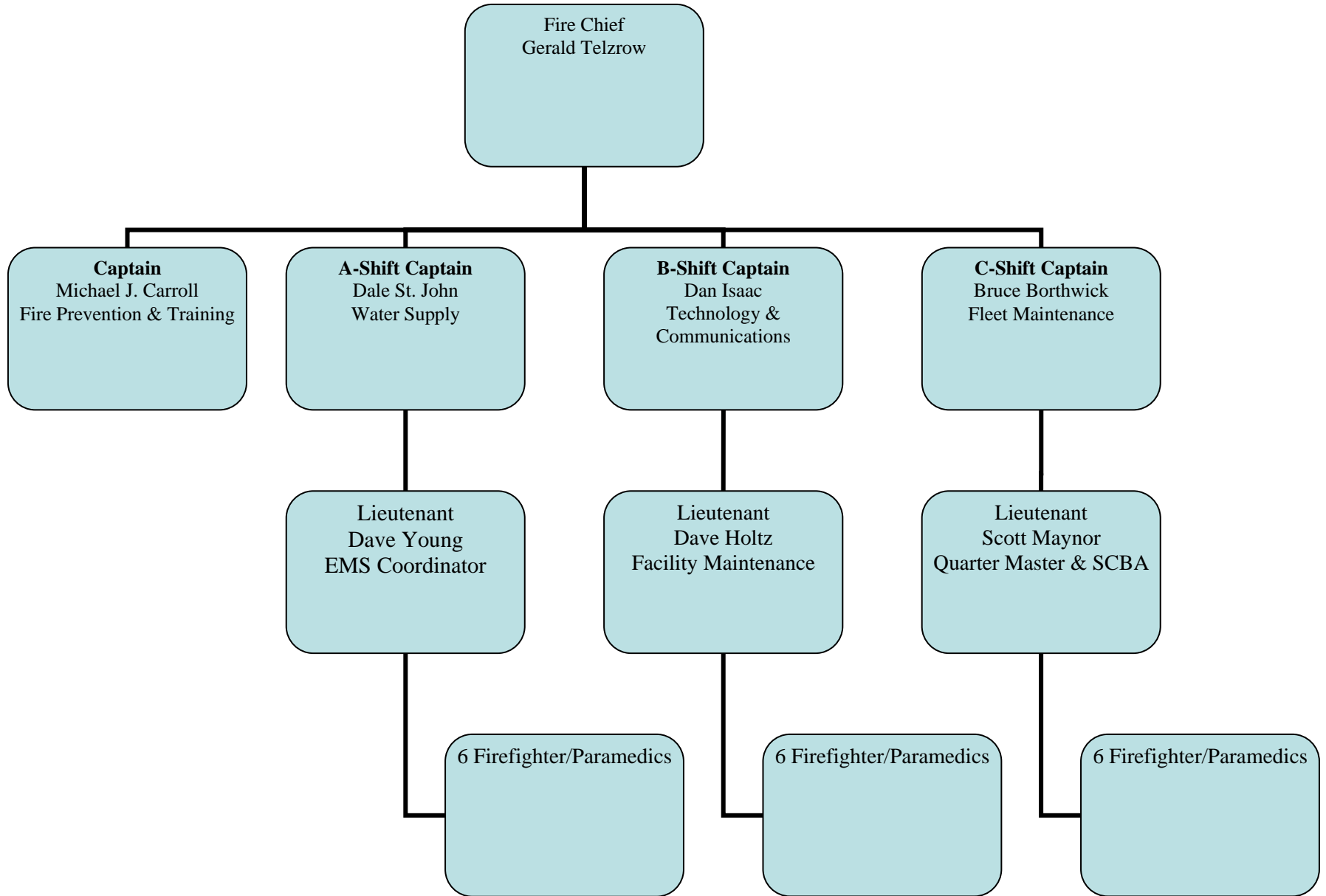
Lyndhurst Fire Department Personnel

The Lyndhurst Fire Department is made up of 26 personnel. There are 18 firefighters, 3 shift lieutenants, 3 shift captains. There are three shifts of 6 firefighters, 1 lieutenant and 1 captain. The two forty hour positions are the fire prevention & training captain and the fire chief. The fire department also shares the mayor's executive assistant for various fire department clerical work.

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Lyndhurst Fire Department Organization Chart



Fire Prevention Bureau

The Lyndhurst Fire Department Fire Prevention Bureau he was charged with all aspects of fire prevention including: fire inspections of all commercial properties, fire inspections of group homes and foster home, fire inspections for families looking to adopt, plain review, witnessing of fire alarm and fire suppression system tests, as well as coordinating public education within the city.

Currently, Capt. Michael Carroll serves as the fire prevention officer. In addition to fire prevention activities, the fire prevention Bureau issues all 10th, fire hydrant and open burning permits as well as fireworks permits. All fire department officers are certified as fire inspectors in this post with inspections as required in addition, there are three firefighters that also have certification as fire inspectors.

Most activity in the fire prevention office consisted of annual inspections & re-inspections. New construction was limited to a few build-outs at Legacy Village, Aldi's. In addition, Lyndhurst experienced a commercial fire at Cleveland Lighting One. Activity breakdown is as follows:

Inspections & Re-inspections	467	
Fire Alarm Tests	57	
Sprinkler Tests	33	
Hood Tests	81	Kitchen fire suppression
State Inspections	14	Child care, schools, ect.
Miscellaneous other inspections	22	Plan review, site visits,

Furthermore, all fire inspectors are required to complete annual in-service training per State of Ohio requirements. Monthly meetings are provided by the Northeast Ohio Fire Prevention Association for inspectors to attend to obtain the needed continuing education. Captain Carroll also attended the National Fire Academy for two weeks in Emmitsburg, Maryland for "Fire Inspection Principles".

Fire Suppression

The fire department provides fire suppression to the community with a minimum manning of 6 firefighters. The National Fire Protection Association (NFPA) recommends an initial residential alarm assignment of 2 engine companies, 1 ladder company, EMS unit and an incident commander for a minimum manning of 15. In addition, NFPA recommends the establishment of a rapid intervention team (RIT) for firefighter rescue if the need should arise. Therefore, the Lyndhurst Fire Department relies heavily on mutual-aid from its neighboring communities to achieve this minimum level of manning for structural fires. The Lyndhurst Fire Department uses a Mutual Aid Box Alarm System (MABAS) to call the additional resources.

The fire department responded to the following types of fire calls (non-EMS emergencies).

• Residential Structure Fires	34
• Vehicle Fires	3
• Grass or Mulch Fires	9
• Dumpster Fires	3
• Other Fires	4
• False Alarm/Good Intent	134
• Electrical Equipment	50
• Hazmat Incidents	44
• Service Calls	133
• Technical Rescue	4

Total property loss from structural fires in 2009 was \$941,000. The majority of the fire loss \$750,000 was from 1 fire. The value of property saved was \$1,624,400.

There were no civilian deaths or injuries in 2009 from structural fires. There were 8 minor firefighter injuries from structural fires none of which resulted in lost time. There were no fires as a result of arson and most fires were accidental in nature.

Emergency Medical Services

The Lyndhurst Fire Department responded to 1548 EMS incidents in 2009. The majority of these calls were medically related (1330) such as chest pain, cardiac arrest, strokes, altered mental status, and shortness of breath. The next largest category of EMS calls was falls (130). Motor vehicle and pedestrian accidents accounted for 88 calls. The fire department's medical control hospital is Hillcrest Hospital and the majority of patients were transported to Hillcrest (1113) with the second highest number of transports going to University Richmond Hospital (22).

<u>Hospital Name</u>	<u>Count</u>
Meridia Eucilid Hospital	0
Metrohealth Medical Center	0
Cleveland Clinic Foundation	3
University Hospitals of Cleveland, Rainbow Babies	13
Meridia South Pointe Hospital	3
Richmond Heights General Hospital	22
<i>Non-Transports</i>	184
Meridia Hillcrest Hospital	1113

The Fire Department received \$3500.00 in EMS grant money from the State of Ohio which was used for equipment purchases. The grant monies are funded by fines levied on motorists who fail to use seatbelts.

Regional Teams & Programs

Various members of the fire department participate in the regional teams covering the Hillcrest area. These teams include the Hillcrest Technical Rescue Team, the Ohio Region 2 Collapse Search & Rescue Team, the Hillcrest Regional Fire Investigation Strike Force, the Suburban Police Anticrime Network (SPAN), the Hillcrest Area Training Officers group. The communities jointly participate in the various groups to help reduce costs and to provide needed services to the region that each individual city could not perform on its own.

The Hillcrest Fire Investigation Strike Force:

This team is responsible for investigating the origin and cause of fires in the nine communities in the *Hillcrest* region. The team is made up of fire investigators and responds to calls on an as needed basis. Each participating community pays \$500.00 per year and provides at least one fire investigator to the team. The team has an old ambulance which carries the various tools, equipment, & evidence collection supplies for fire investigations. The vehicle is housed at the Highland Heights Fire Department and the team responds to ten fires in 2009 and has completed over 110 fire investigations since its inception. There are 15 members on the team, with Captain Michael J. Carroll serving as the Assistant Director and Lieutenant Dave Holtz is an investigator.

Suburban Police Anticrime Network - SWAT:

The SPAN communities in the *Hillcrest* region have had a SWAT team for several years. When the SWAT team was developed it lacked appropriate personnel to deal with the types of injuries that may be encountered during a SWAT deployment. Tactical medics

were added to the team to fulfill this shortcoming. Tactical medics are special trained to deal with gun shot wounds as well as injuries caused by pepper spray devices and tazer guns. The medics respond on SWAT calls and deploy as an unarmed member of the team. There are monthly trainings that the tactical medics attend to develop their skills while working with other SWAT members. There were three call-outs in 2009 for the SWAT team. Firefighter Jim Ziska of the Lyndhurst Fire Department is the tactical medic on the team.

Hillcrest Area Training Officers:

The various fire departments in the Hillcrest region started a regional training officers group to develop and coordinate regional fire training. The group meets monthly and reviews training needs and develops curriculum and standard operating procedures to fulfill the shortcomings in training that are identified. Rapid intervention team procedures, firefighter accountability, regional training drills and seminars, have all been developed and conducted through this organization. Captain Michael J. Carroll attends these meetings.

Hillcrest Technical Rescue Team & Ohio Region 2 Collapse Search & Rescue Team:

In 2009, The Lyndhurst Fire Department sponsored 6 members to be active members of the Hillcrest Technical Rescue team. These members participated and lead trainings in various aspects of technical rescue. These areas of involvement included: High Angle Rope Rescue, Confined Space Rescue, Dive/Water Rescue, Trench Collapse, Structural Building Collapse and Wide Area Lost Person Search. LFD members also participated with the Ohio Region 2 Strike Team. The Ohio Region 2 team is a regional state asset

that has a response area covering 5 counties. This asset can be deployed in the event of a significant structural collapse either man made or a natural disaster. Throughout the year, LFD members accumulated 430 hours of training in the previously mentioned specialties.

Currently there are 3 key pieces of rolling stock that the rescue team utilizes. The Lyndhurst Fire Department houses the area's Structural Collapse and Trench Rescue truck and trailer. All Fire Department members have been trained in the basic equipment operation and transporting of the vehicle in the event that a Rescue Team member is not available.

The rescue team consists of 9 communities that share in the cost and staffing of this resource. There are 28 personnel on the team and for the 2009 year the Rescue team operated with an equipment and training budget of \$27,000, with extra monies being set aside for future truck replacement. Each community pays \$5000.00 per year towards the team annually. Members on the teams are:

Chief Gerald Telzrow

Captain Bruce Borthwick

Captain Michael J. Carroll

Firefighter Jim Ziska – Assistant Water Division Commander

Firefighter Ryan Procop – Confined Space Commander

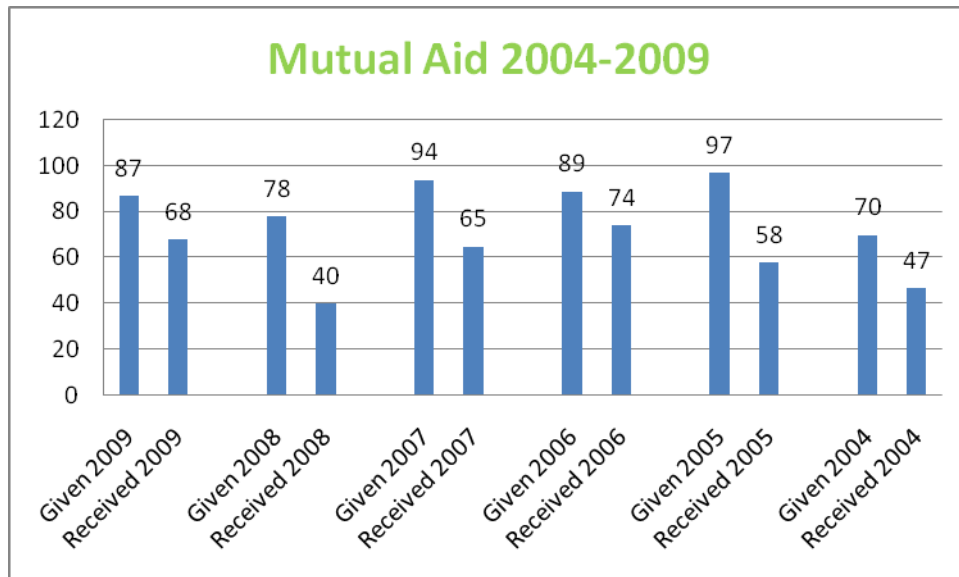
Firefighter Dan Knoch

Mutual Aid

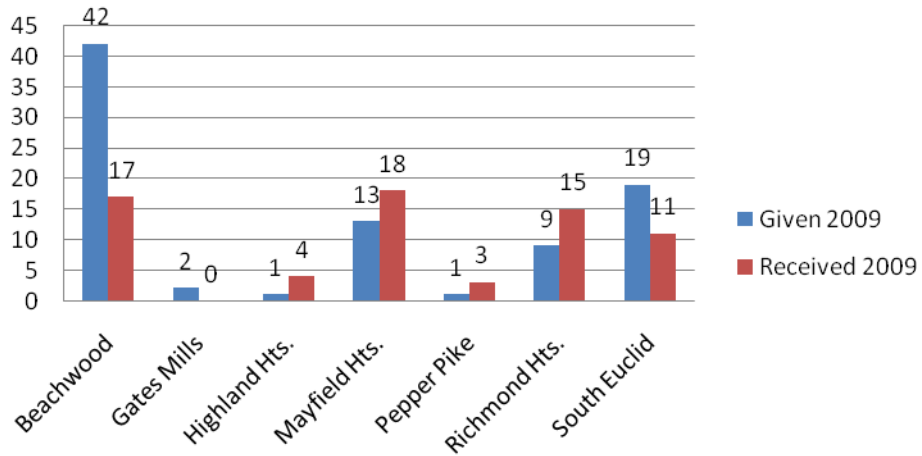
The Lyndhurst Fire Department participates in a system of mutual aid with neighboring communities as well as a MABAS (Mutual Aid Box Alarm System) to assist with manning and equipment in the event an incident exceeds the resources available to the Lyndhurst Fire Department or a neighboring community. This system has grown to include communities outside the communities bordering Lyndhurst. The MABAS system includes the Heights communities of Cleveland Heights, Shaker Heights, University Heights, and the Chagrin-Southeast Communities in Cuyahoga County.

The Lyndhurst Fire Department also participates in the State of Ohio Emergency Response Plan. This plan, developed by the Ohio Fire Chief's Association, allows communities to draw on resources throughout the state should an incident require them. Under this plan, members of the Lyndhurst Fire Department assigned to the Hillcrest Technical Rescue Team assisted at a confined space incident in Auburn Township in 2008.

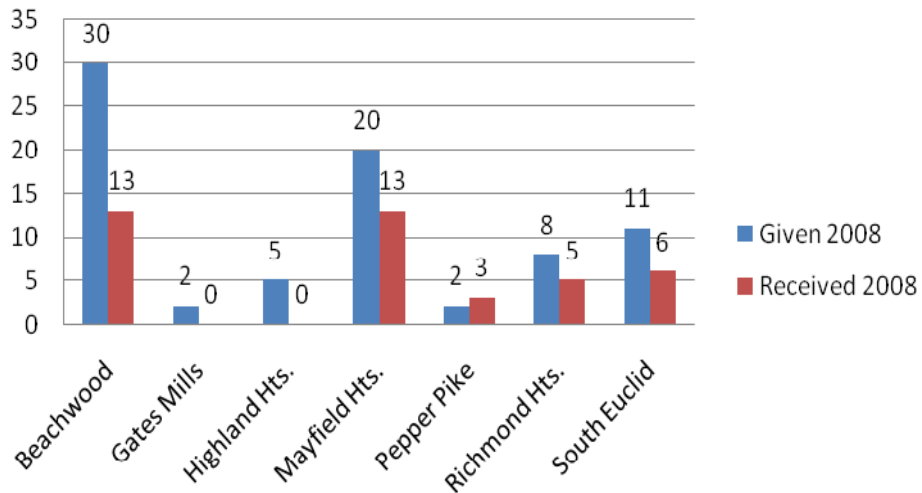
The following graphs illustrate mutual aid request for the years 2004-2009.



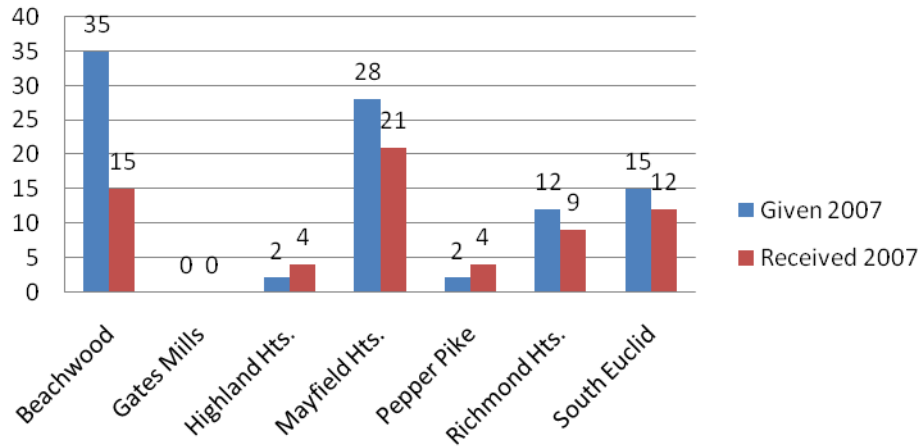
Mutual Aid Given and Received 2009



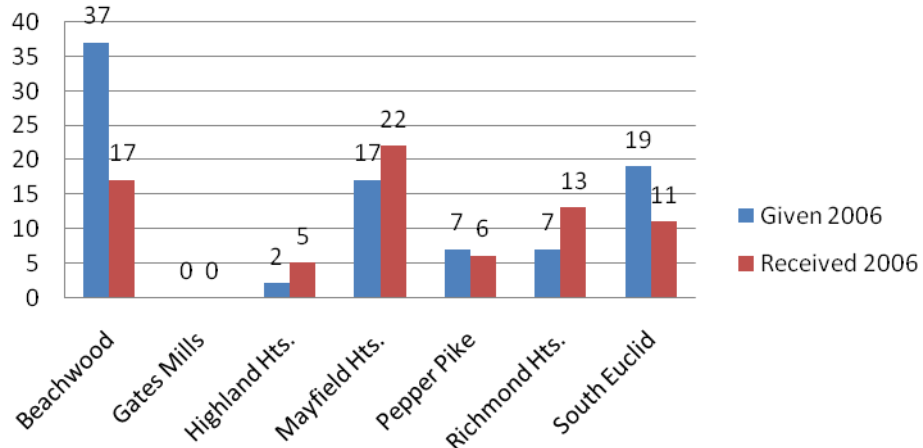
Mutual Aid Given and Received 2008



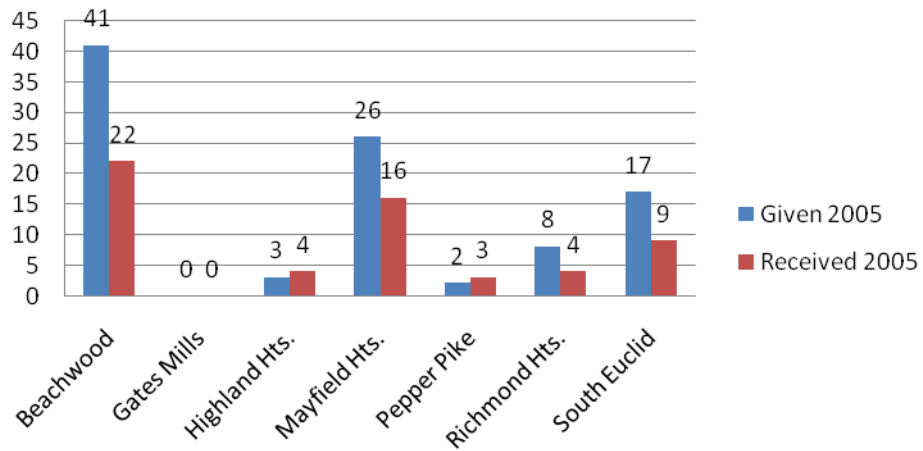
Mutual Aid Given and Received 2007



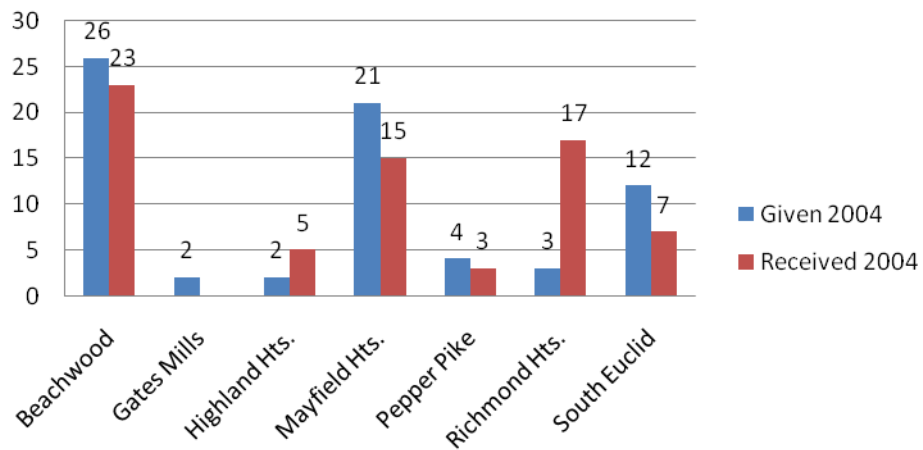
Mutual Aid Given and Received 2006



Mutual Aid Given and Received 2005



Mutual Aid Given and Received 2004



Apparatus & Equipment

Fire apparatus, ambulances, and other department vehicles are maintained and repaired by the original equipment manufacturer, the city garage, and Countryside truck service. Cots are serviced twice annually by Frontline medical.

Fire pump testing and Ladder testing is also completed annually.

- 411** 2003 E-One Pumper:
Maintenance cost for 2009: \$8199.84

- 421** 1997 Pierce Ladder Truck:
Maintenance cost for 2009: \$8264.95

- 441** 2009 Braun Ambulance: .
Maintenance cost for 2009: \$863.41

- 442** 2006 Braun Ambulance:
Maintenance cost 2009: \$3034.07

- 471** 2007 Ford F-250 Pick-Up Truck:
Maintenance cost for 2009: \$509.53

- 455** 2009 Chevy Malibu
Maintenance cost for 2009: \$0.00

- 458** 2004 Ford Expedition: .
Maintenance cost for 2009: \$66.67

- 451** 2006 Ford Explorer:
Maintenance cost for 2009: \$326.20

- 578** 2004 Sterling Truck:.
Maintenance completed by Countryside Truck service and billed by Mayfield Heights to Hillcrest Technical Rescue Team.

Challenges for the Future

The near-term future of the Lyndhurst Fire Department will present challenges to our ability to continue providing the excellent Fire and EMS service for which residents currently receive and have come to expect.

The year 2009 saw the Lyndhurst Fire Department respond to 287 back to back calls which was 14.0% of our total responses in 2009. The practical effect of these numbers is the increase in the period of time for which the residents of Lyndhurst had no effective fire protection or EMS service. The challenge is to identify and deploy, in a timely manner, available resources from other communities. Our inability to do so at this present time is due to the multiple dispatch centers which we have in the area and their inability to monitor the status of resources available from other communities and to dispatch those resources in an effective and timely manner.

The Hillcrest area fire departments have taken a major step forward in 2009 by moving from a 420 MHz radio system to the 800 MHz radio system in order to increase our ability to communicate effectively with each other and the other resources from communities throughout Cuyahoga County, adjacent counties and state wide resources. While this move to the 800 MHz radio system is a step forward, the delayed participation by area police departments will limit the effectiveness for complete integration of emergency services for the next few years.

Staffing issues will be a challenge as well. Within five years, the Lyndhurst fire department will begin scheduled overtime to maintain minimum staffing of six men per shift. Due to years of service, vacation time, and holiday time, staffing levels will only be maintained by overtime. The hiring of additional personnel would alleviate the situation for a period of time however economic issues might make this solution an impossibility.

The Lyndhurst Fire Department, in 2010, will also begin to prepare itself for a change in leadership. Chief Gerald Telzrow has indicated that he will be retiring no later than January of 2011. Along with this change in the Lyndhurst Fire Department, the fire service in the Hillcrest area will undoubtedly see in the next three years a change in leadership for a number of fire departments as retirements take their toll. This wholesale change in leadership will offer opportunities and challenges for the future. The question for the Hillcrest communities will be: are we prepared to face these challenges and take advantage of the opportunities? Only time will tell.

2009

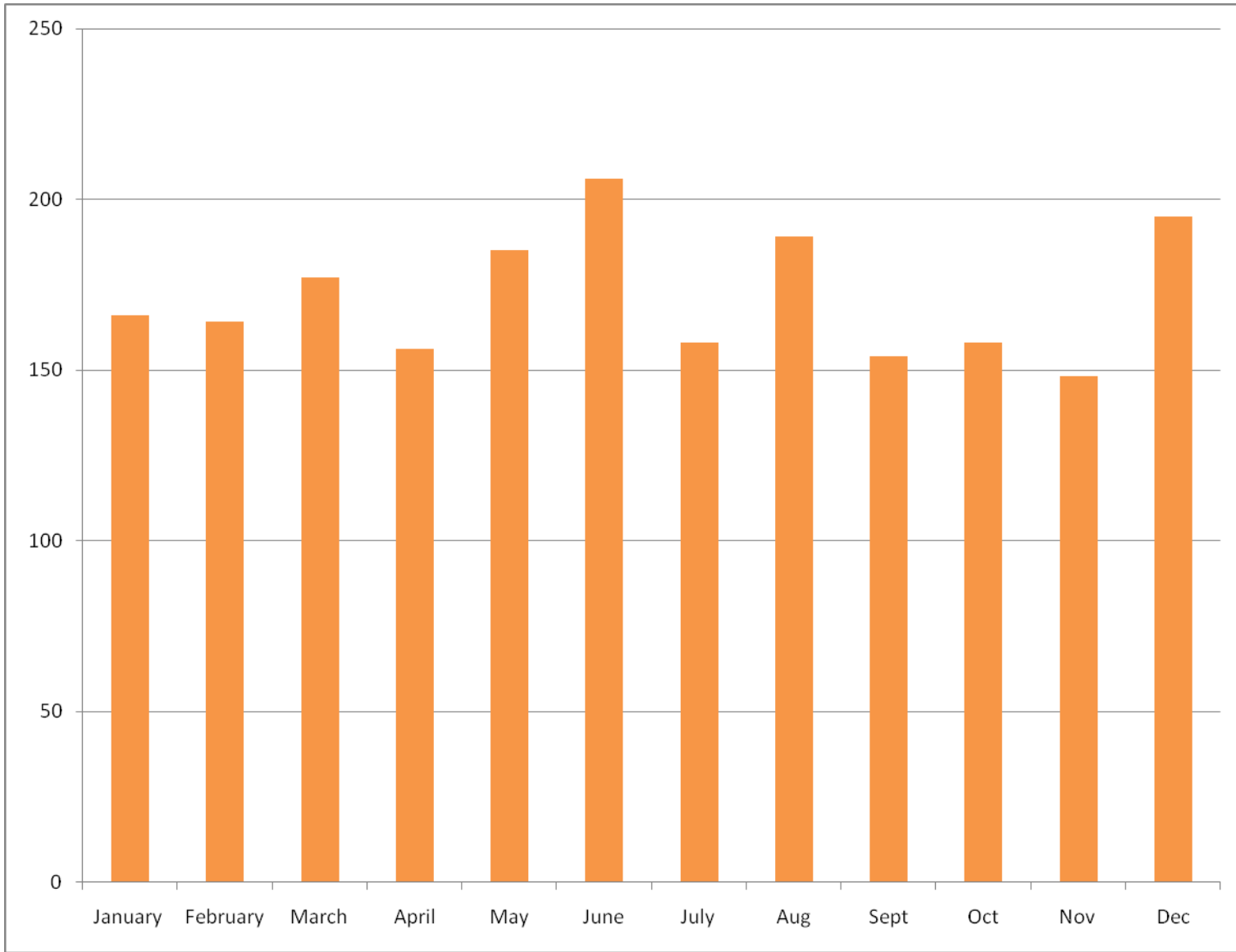
Lyndhurst Fire Department

Statistical

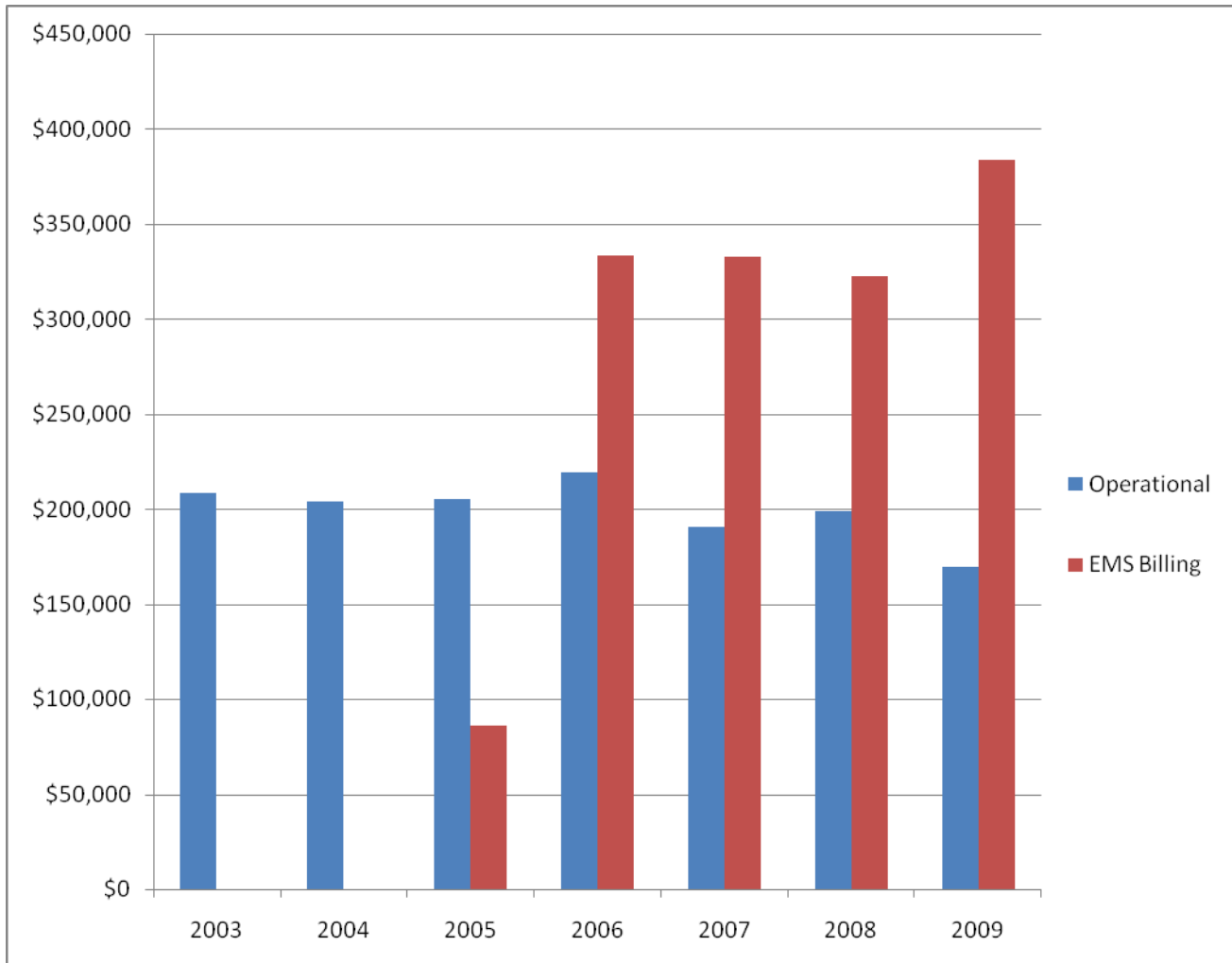
Data



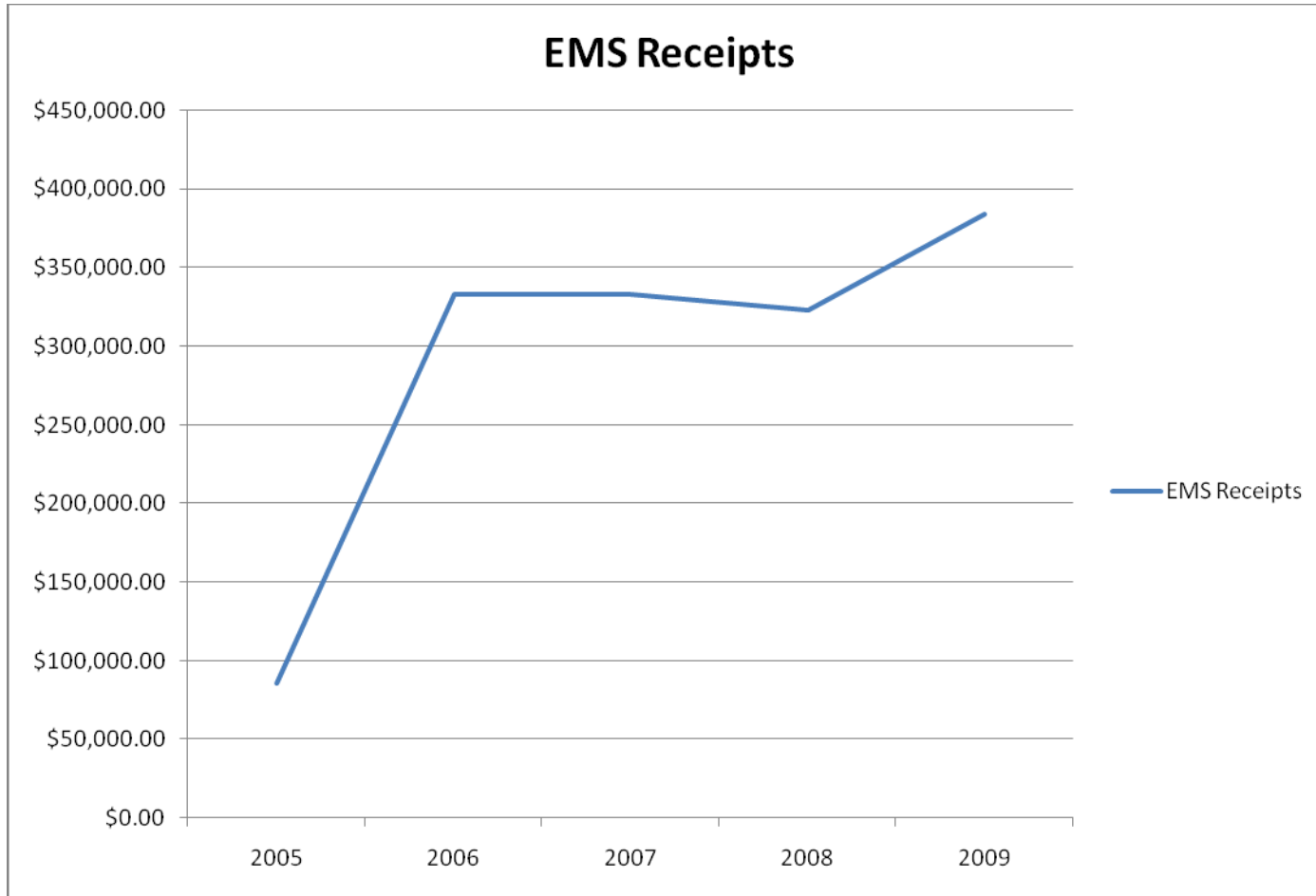
2009
EMS-Fire Responses
Monthly Totals



**Operational Discretionary Spending
vs.
EMS Billing Income
2003-2009**



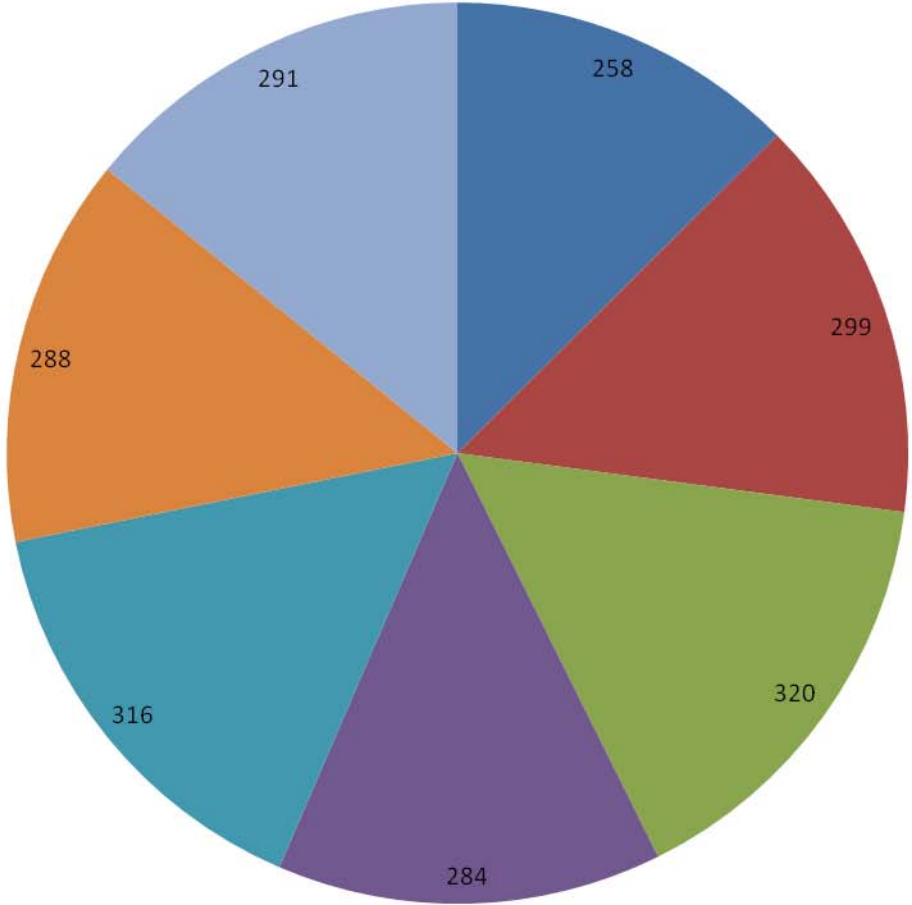
Historical EMS Receipts
Lyndhurst Fire Department
2005-2009



Historical Line Item Spending
Lyndhurst Fire Department
2005-2009



Lyndhurst Fire Department
Response by Day of Week
2009



- Sunday
- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday

Lyndhurst Fire Department
2009 Fire/EMS

