



*Zion Fire & Rescue Department
2012 Annual Report*



Mayor
Lane Harrison

CITY OF ZION



Commissioner
Lloyd DiTienne



Commissioner
Shantal Taylor

City Clerk – Diane Burkemper

Fire & Police Commission

Todd Gordon (Chairman)
Debrah Lewis
Chris Thomas



Commissioner
Frank Flammini



Commissioner
Jim Taylor



FROM THE DESK OF
Fire Chief John Lewis

As the Fire Chief of the Zion Fire and Rescue Department, it is with great pride and accomplishment that I present to Mayor Lane Harrison, City Commissioners, and the citizens and visitors to the City of Zion, our Annual Report for the year 2012. Many thanks go out to Lt. Mark Klamut, our Public Education Officer, and the members of the department for their time and effort in creating this report. This report only highlights a small amount of the activities and achievements that reflect the dedication and professionalism of the personnel that make up the Zion Fire and Rescue Department.

As I look back over the last year, I am both pleased and proud of the accomplishments the department was able to attain despite shrinking budgets, increased requests for service, mandated training, fire prevention activities, and public education. Today, fire departments have to find innovative ways to embrace and implement these changes. The biggest responsibility of any municipal government is to provide for the safety of the residents and visitors they preside over. Pulling together as a team is a challenge of every organization. This year we faced another significant budget reduction. Fire department management, Local 1999, and City officials all pulled together to accomplish budget reductions while avoiding layoffs and maintaining services. Among other things, this was accomplished by applying for and successfully receiving a FEMA *Staffing for Adequate Fire and Emergency Response* grant that covered the salaries and benefits needed to hire three personnel. In addition, the Zion Fire and Rescue Department reorganized its daily staffing and operations in order to improve response capabilities with less overtime. Finally, we utilized the City Website and the Zion Fire and Rescue Facebook page to promote fire prevention and life safety to a larger population without any increase in staff time. Our Facebook page has become a very popular source of information for the community.

We owe it to our customers to be the best we can, to be well trained, and always be willing and able to respond when needed. Our delivery of emergency services will continue to be our top priority. In keeping with our vision statement, we will continue to be proactive, progressive, and motivated to become the model of professional and efficient delivery of fire prevention and suppression, emergency medical care, and other related services for the City of Zion, its visitors, and other fire service agencies. We strive to be a dynamic organization by continuing to improve through innovation, education, and teamwork and shall work to exceed the expectations of our customers and make Zion the place to live and visit.

To Mayor Lane Harrison, Commissioner Jim Taylor, Commissioner Lloyd DeTienne, Commissioner Frank Flammini, and Commissioner Shantal Taylor, on behalf of the members of the Zion Fire and Rescue Department and myself, I extend my thanks and gratitude for your support and service to the City. For those who have the opportunity to read this Annual Report, I hope it provides a glimpse into the daily operations of the Zion Fire and Rescue Department. We welcome visitors who wish to learn more about the fire department and the service we provide. Feel free to stop by and see us sometime!

Finally, it is my privilege to serve the City of Zion as Fire Chief. Our accomplishments are only possible through the efforts of our greatest asset, the members of the Zion Fire and Rescue Department. It is to each of them that I also express my gratitude. If you have any questions regarding the Zion Fire and Rescue Department, please contact me via e-mail at johnl@zion.il.us or you can feel free to call me at (847) 746-4042.

Sincerely

Mission Statement

It shall be the function of the Fire and Rescue Department and the duty personnel thereof to prevent and extinguish accidental or destructive fires occurring in the City, to provide emergency medical treatment to those persons in need in the City, to transport such persons, when necessary, to a hospital, and to enforce all ordinances relating to fire hazards.

Vision Statement

We, as the Zion Fire and Rescue Department, are motivated to become the model of professional and efficient delivery of fire, emergency medical care, and other related services for the City of Zion, its visitors, and other fire service agencies. We strive to be a dynamic organization by continuing to improve through innovation, education, and teamwork to exceed the expectations of our customers and make Zion the place to live and visit.

Core Values

Integrity

We will hold ourselves to the highest degree of honesty, moral character, and trust to maintain the confidence among those we serve and interact and will accept the responsibility for our decisions and actions.

Service

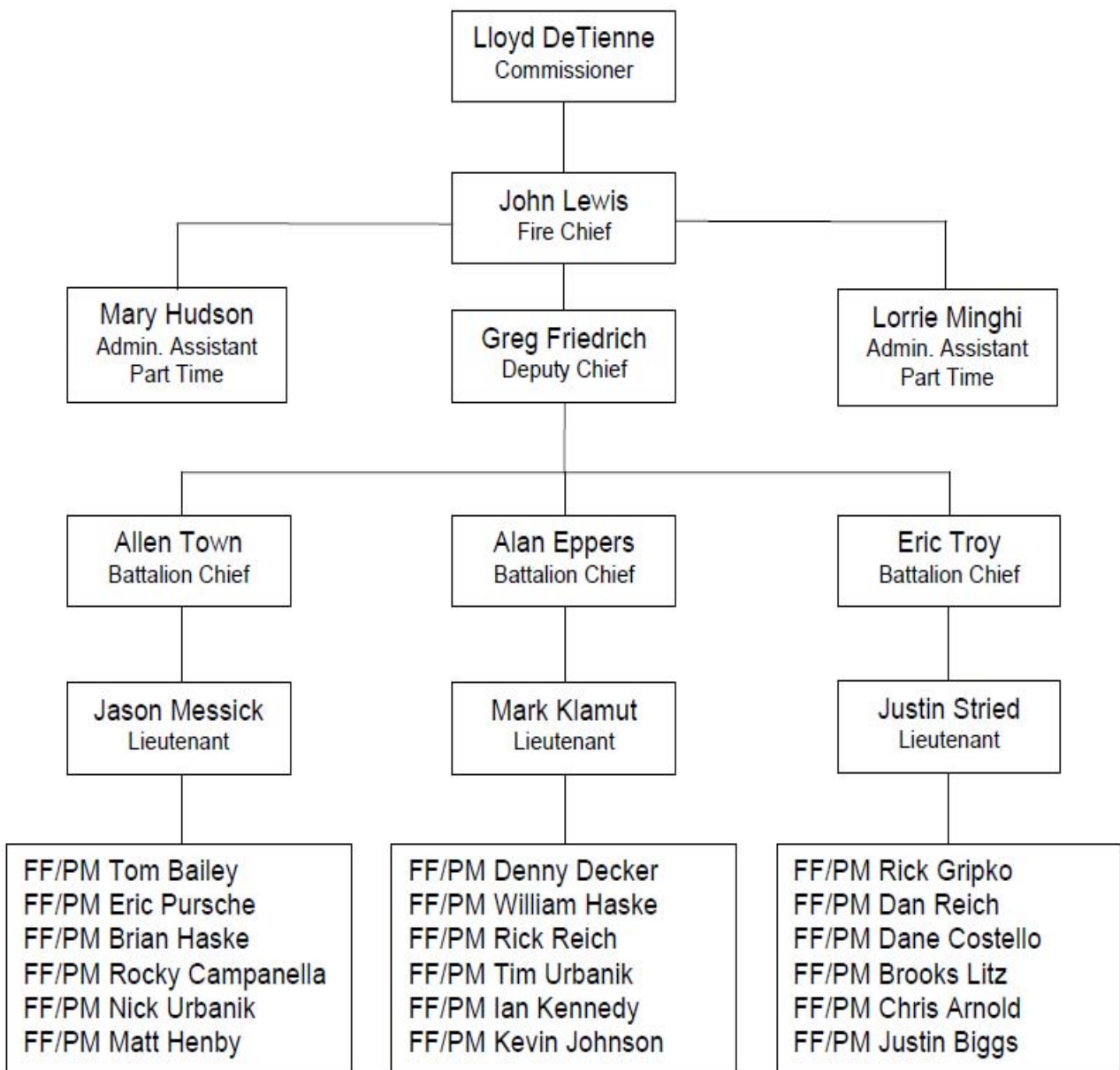
We will deliver service with respect while maintaining the highest professional standards at all times among those we serve and interact.

Reliable

We will be committed to being proficient and effective in seeking out methods and resources to meet or exceed the expectations among those we serve and interact.

Zion Fire & Rescue

Organizational Chart



Department Administration

John Lewis
Fire Chief



Greg Friedrich
Deputy Chief

Mary Hudson
Adm. Assistant



Lorrie Minghi
Adm. Assistant

Shift 1 (Black Shift)

Personnel



Allen Town
Battalion Chief / Paramedic



Jason Messick
Lieutenant / Paramedic



Tom Bailey
FF / Paramedic



Eric Pursche
FF / Paramedic



Brian Haske
FF / Paramedic



Rocco Campanella
FF / Paramedic



Nick Urbanik
FF / Paramedic



Matt Henby
FF / Paramedic

Shift 2 (Red Shift)

Personnel



Alan Eppers
Battalion Chief / Paramedic



Mark Klamut
Lieutenant / Paramedic



Dennis Decker
FF / Paramedic



William Haske, Jr.
FF / Paramedic



Rick Reich
FF / Paramedic



Tim Urbanik
FF / Paramedic



Ian Kennedy
FF / Paramedic



Kevin Johnson
FF / Paramedic

Shift 3 (Gold Shift)

Personnel



Eric Troy
Battalion Chief / Paramedic



Justin Stried
Lieutenant / Paramedic



Rick Gripko
FF / Paramedic



Dan Reich
FF / Paramedic



Dane Costello
FF / Paramedic



Brooks Litz
FF / Paramedic



Chris Arnold
FF / Paramedic



Justin Biggs
FF / Paramedic

Fire Stations

Station One

1303
27th Street



Station Two

2016 Lewis
Avenue



Station 1 Apparatus



Engine 1811
2007 Pierce Arrow XT
Station 1 – ALS equipped



Engine 1822
1992 3D Custom Pumper
Station 1 - Reserve



Station 1 Apparatus

The vast majority of our calls are EMS related. On average, 76% of our calls involve some kind of medical emergency.



MICU 1841
2004 Horton Ambulance



MICU 1843
2002 Horton Ambulance

Station 1 Apparatus



ATV 1871
2005 Polaris Ranger
Station 1 – Multi Use

The ATV can be configured with either a Stokes basket (pictured), or a water pump for brush fires.



Station 1 Apparatus



**Fire Chief's Car
1890**

2009 Ford Expedition

**Deputy Chief's Car
1891**
2004 Ford Explorer



**Shift Commander
Vehicle 1892**

2007 Ford F250

Station 2 Apparatus



Quint 1832
2000 Pierce 105 foot aerial



Squad 1851
1998 Marion Custom

Squad 1851 carries all of our dive and technical rescue equipment. It also has a powerful light tower and a high-capacity generator.

Station 2 Apparatus



MICU 1842
2012 AEV Ambulance



HazMat Trailer

Engine #6 Restoration Project

Antique Engine #6 is a 1928 Pirsch, 500GPM engine, manufactured in Kenosha, Wisconsin and was purchased new by the Zion Fire Department. It has fought at almost every major fire through the 1970s when it was finally removed from service.

Over the years, Engine #6 was maintained and occasionally driven, but there was never money set aside to restore it. As the original parts became more and more worn, it became necessary to make a decision; either restore this historic engine or dispose of it.

Gene Feely at Central Auto Body, along with FF/PM Campanella and DC Friedrich, did research to determine what would be original condition for this engine and in September 2011, work began on restoration.

Central Auto Body donated untold hours of time lovingly inspecting and restoring thousands of individual components. Rust was sandblasted, brass polished, and bodywork painted. When the mechanical work was completed, John Jacquette applied new gold-letting by hand, making Engine #6 look brand new. The woodwork was done courtesy of the Rickert's family.

The restoration is stunning, the work is absolutely beautiful, and we encourage you to come by and take a look. Engine #6 is in showroom condition, and will be the showpiece of ZFRD for generations to come. Many heartfelt thanks to Central Auto Body for their generous donation of time, expertise, and love.



Engine #6 circa 1960. The ladder rack was not original.

Engine #6 Restored

Past and Present



(Above) #6 pumps
at a house fire in
the 1960s.



(Below) Pumping
at the Zion
Tabernacle fire.



Grant Committee

The Federal and State government have grant funds available to first-responders. As there is much more need than money available, competition for these funds is intense, and only the best conceived and written grants receive consideration. We are very active in seeking out these funds and, in 2012, we received a significant Federal Emergency Management Agency (FEMA) grant to hire Additional Personnel. The grant is from the SAFER program (Staffing for Adequate Fire & Emergency Response) and provides the funds needed to hire three personnel for a two-year period. This brings us back to our 2008 level staffing, at 26 sworn employees. Further, this has added flexibility in personnel deployment we have never had before, bringing a new staffing model that significantly improves our ability to provide service.



Our Grant Committee consists of BC Troy, FF/PM Arnold, FF/PM Bailey, and FF/PM R. Reich.

Staffing Pre-grant

Engine 1811

- 1 FF/PM
- 1 Shift Commander

Ambulance 1841

- 2 FF/PM

Station 2 Truck or Ambulance

- 1 FF/PM
- 1 Officer

Other grant projects submitted in the past year include:

- An AFG request (Assistance to Firefighters Grant) to replace our dated air packs.
- An FP&S (Fire Prevention and Safety) request for smoke and carbon monoxide detectors.
- An OSFM (Office of the State Fire Marshal) small tools grant

Staffing Post-grant

Pickup Truck 1892

- 1 Shift Commander

Engine 1811

- 1 FF/PM
- 1 Officer

Ambulance 1841

- 2 FF/PM

Station 2 Truck or Ambulance

- 2 FF/PM

This staffing model allows us to staff a third ambulance, if needed, utilizing the on-duty crew from 1811. Under the old model, we have to callback off-duty personnel. This is an enormous improvement in both response time and overtime savings.

SAFER Grant

In 2012, ZFRD applied for, and received, a federal SAFER grant. SAFER grants provide funds to hire additional firefighters. ZFRD was able to hire three new personnel. They are:



Justin Biggs
FF / Paramedic
Gold Shift



Matt Henby
FF / Paramedic
Black Shift



Kevin Johnson
FF / Paramedic
Red Shift



On September 4, 2012 the Zion City Council performed a swearing in ceremony for the three new firefighter/paramedics and their families welcoming them as City employees.

Training

All training is coordinated by our Training Officer. Battalion Chief Alan Eppers is responsible for planning, outlining, scheduling, administering, and evaluating courses and classes. ZFRD training falls into three broad categories: Fire, Emergency Medical Services (EMS), and SRT (Specialized Response Teams).



ZFRD trains monthly with neighboring fire departments. Pictured are members of Beach Park, Pleasant Prairie, and ZFRD.



Left, water supply training with our neighboring fire departments.

Right, pump training led by BC Eppers.



Fire Training



ZFRD Training Officer
Battalion Chief
Alan Eppers

Fire Training

Must conform to requirements of the following agencies:

- ZFRD/City of Zion
- (IDOL) Illinois Department of Labor
- (ISO) Insurance Services Office
- (OSHA) Occupational Health & Safety Agency
- (OSFM) Office of the State Fire Marshal



ZFRD Fire Training 2012

- Approximately 8 classes per month
- Training led by shift trainer
- Can be video, classroom, hands-on, or combination
- 3578 total hours of fire training

EMS Training



EMS Training

- Overseen by medical officer, Lt Jason Messick.
- Done in-house and with outside instruction from North Lake County EMS System.
- 30 hours/year/person in Continuing Education (CE) required to maintain paramedic license.
- 26 in-house classes equaling 117 total hours.
- 25 North Lake County classes for 435 total hours.
- 12 seminar/conferences equaling 140.5 hours.
- Total of 692.5 EMS training hours in 2012.



Special Response Team Training



Special Response Team Training

- Overseen by Lake/McHenry SRT.
- Provides training in Confined Space, High Angle, Trench, and Collapse rescue.
- SRT requires a minimum of eight drills per year/per person.
- ZFRD members participated in 196 hours of SRT training in 2012.



Public Education

To reach out to the community and promote safety, ZFRD participates in many programs throughout the year. These include:

- Fire safety talks for every K-4 student in the City of Zion.
- Annual Open House.
- Many station tours.
- Career fairs.
- Health fairs.
- Lake County Fire Expo.
- Blood drives.
- Car seat installations.
- Block parties.
- Community CPR classes.
- Fire extinguisher training.
- Internships through CLC and the Zion Tech Campus



Facebook: Zion Fire-Rescue Department

Twitter: @ZionFireRescue

Website: http://www.cityofzion.com/departments/fire_and_rescue/

Public Education



Open House
October 18, 2012



Above, Matches the Clown.

Above, FF/PM Decker hands out a fire helmet and badge during Open House. Also being sold were pink breast cancer awareness T-shirts. The pink T-Shirt program was a joint venture with Cancer Treatment Centers of America to raise money for breast cancer research. ZFRD personnel wore these shirts on duty throughout October and sold them at Station 1. ZFRD raised over \$2000!

Right, a stove fire demonstration.



LifeSource Blood Drive

In conjunction with LifeSource, Zion Fire and Rescue hosted our first blood drive in December, 2012. A total of 32 units of blood were collected, which, according to LifeSource, was used within three days of the blood drive. There is a great need for blood in the Chicagoland area. Each unit donated saves the lives of up to three people. The Zion Fire and Rescue Department will be holding blood drives on a bi-annual basis, one around Christmastime and the other in early summer. We would encourage you to “like” our Facebook page for more information.



ZBTHS Transitions Crew



Under the supervision of Kim Thorn, Vocational Coach, ZBTHS students work at the fire station once a week. They help with station and apparatus cleaning. Additional time is provided to teach the students skills and responsibilities of being a firefighter/paramedic.

Front row: Jacob Nelson, Danielle Deveyra, Earnest Brown

Back Row: Kim Thorn, Markus Brendemihl, Albert Ohm



Jessica Dupree was interested in a career in the fire service. As part of her school day, Jessica spent time with us learning what the job is about. She responded on calls, participated in training, and helped with our daily duties.



CPR Classes

To Schedule a class, please call
(847) 746-4038 during business hours.



ZFRD offers community CPR classes throughout the year. All are taught by American Heart Association (AHA) certified CPR instructors. Classes are normally held the third Saturday of each month. Additional courses may be scheduled. **All classes must have enrollment of at least 3 individuals.**

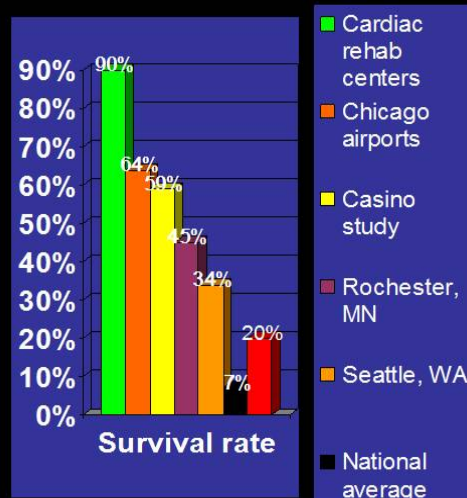
2012 CPR Classes

Total classes taught – 14
Total students taught – 66
Health care provider – 6 classes/19 students

2013 CPR Schedule

01/19 Heartsaver/AED/First Aid	06/22 Heartsaver/AED/First Aid
02/23 Healthcare Provider	07/20 Heartsaver/AED/First Aid
03/16 Heartsaver/AED	08/17 Healthcare Provider
04/20 Heartsaver/AED/First Aid	09/21 Heartsaver/AED
05/18 Healthcare Provider	10/19 Heartsaver/AED/First Aid

Why is early CPR and Defibrillation so important?



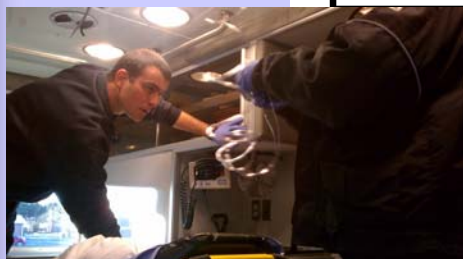
- Nationally less than 7% now survive
- Time to CPR and defibrillation is critical.
- If even 20% survive, 50,000 lives could be saved each year
- More people can survive.

2012 Response Data



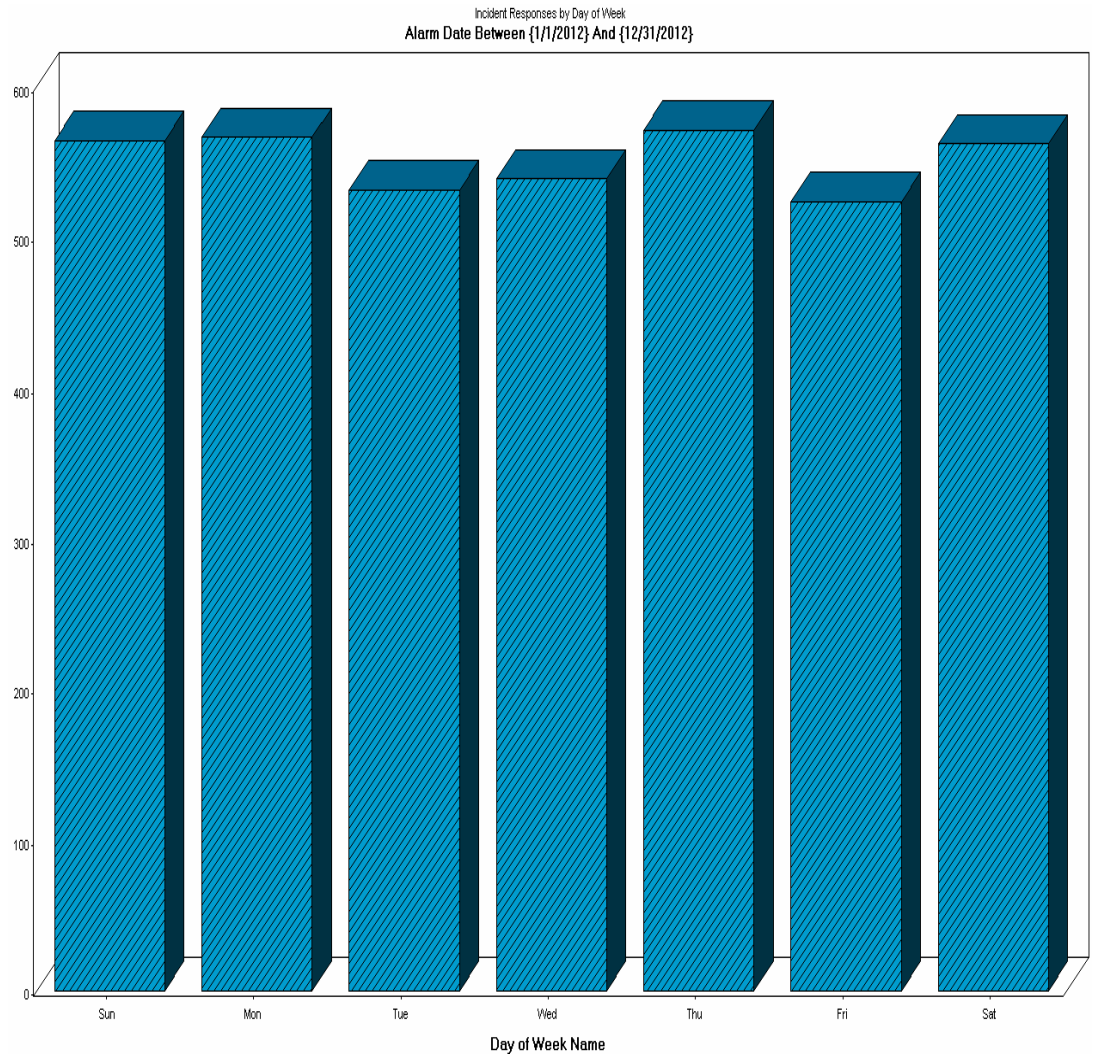
ZFRD is the 8th busiest department in Lake County (of a total 32 agencies).

Lake County, IL Fire Departments Call Volume Summary				
#	Agency	2012	2011	+/- (11-12)
1	Abbott	416	544	-128
2	Antioch Fire	778	834	-56
3	Antioch Rescue	2,227	2,082	145
4	Barrington	3,106	3,552	-446
5	Beach Park	1,298	1,475	-177
6	Buffalo Grove	4,656	5,034	-378
7	Cary	1,966	1,918	48
8	Countryside	3,891	3,909	-18
9	Deerfield-Bannockburn	2,710	2,921	-211
10	Fox Lake	3,261	3,193	68
11	Grayslake	3,547	3,235	312
12	Great Lakes	2,639	2,288	351
13	Gurnee	5,454	5,422	32
14	Greater Round Lake	4,528	4,349	179
15	Highland Park	4,382	4,796	-414
16	Highwood	1,001	1,047	-46
17	Knollwood	523	558	-35
18	Lake Bluff	552	664	-112
19	Lake Forest	3,131	3,350	-219
20	Lake Villa Fire & Rescue	2,565	2,644	-79
21	Lake Zurich	3,137	3,136	1
22	Libertyville	3,823	3,769	54
23	Lincolnshire-Riverwoods	2,908	2,908	0
24	Long Grove	1,682	1,736	-54
25	Mundelein	2,713	2,829	-116
26	Newport Township	1,072	995	77
27	North Chicago	2,776	2,647	129
28	Wauconda	3,704	3,566	138
29	Waukegan	9,603	10,214	-611
30	Wheeling	4,354	4,422	-68
31	Winthrop Harbor	916	861	55
32	Zion Fire	3,874	3,896	-22
TOTAL CALLS		93,193	94,794	-1,601



2012 Response Data

Incident Responses by Day of Week Alarm Date Between 01/01/12 & 12/31/12



2012 Call Volume by Day of Week

- Thursday is our busiest day of the week.
- Friday is the least busy.

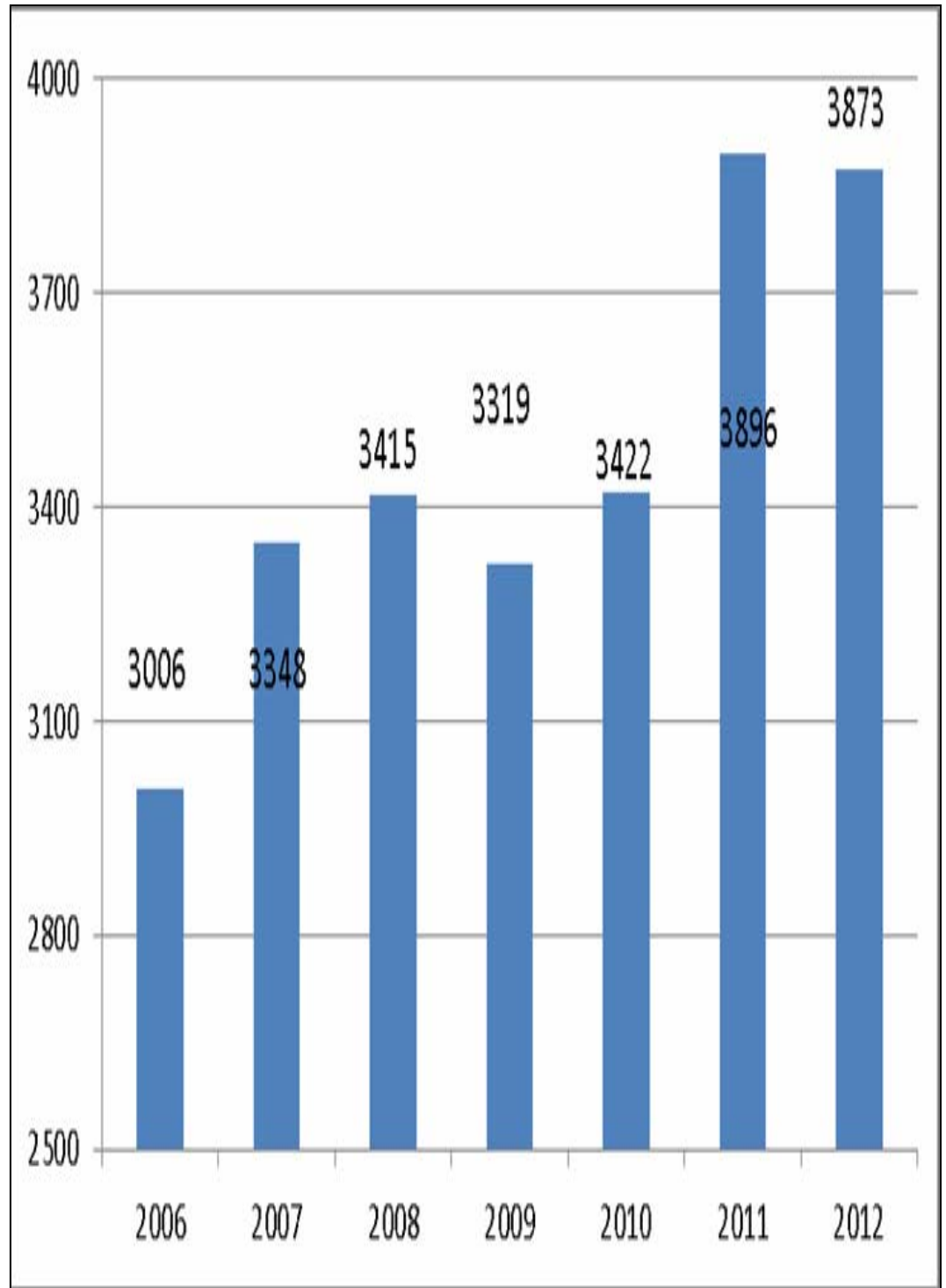
Busiest Days of 2012

- Saturday, 07/28 19 calls
- Wednesday, 10/24..... 18 calls
- Sunday, 01/29..... 18 calls
- Monday, 12/17 16 calls
- Tuesday, 10/09 15 calls

2012 by the Numbers

- Structure Fires40
- Other fires (brush fire, car fire, etc.).....70
- Fire Injuries:
 - * 3 Firefighter
 - * 7 Civilian
- Fire Death:
 - * 1 civilian
- Fire loss\$218,637

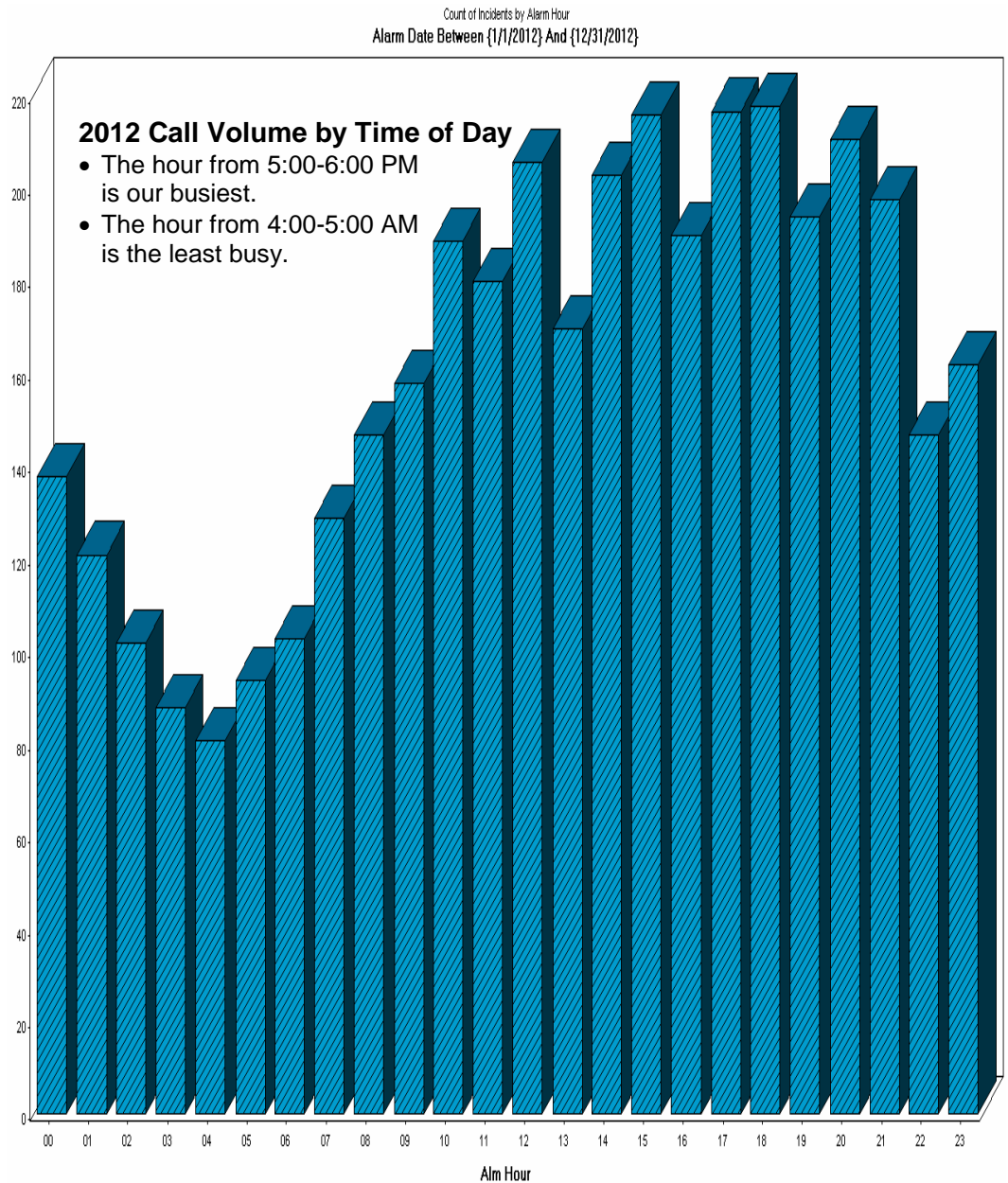
2012 Response Data



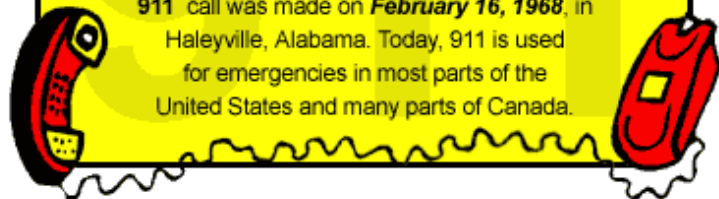
Call Volume by Calendar Year

2012 Response Data

Count of Incidents by Alarm Hour Alarm Date Between 01/01/12 & 12/31/12



In 1968, the United States government wanted one number that people could call for emergencies. They worked with the phone company to create a "Universal Emergency Number." They decided that **911** was easy to remember. They also knew people could dial it quickly. The very first **911** call was made on **February 16, 1968**, in Haleyville, Alabama. Today, 911 is used for emergencies in most parts of the United States and many parts of Canada.



ZFRD in Action



Above, on March 18th, ZFRD responded to North Chicago for an auto shop fire. This picture was taken from the pedestal of ZFRD's ladder truck.



Above, on June 17th, ZFRD had an extra-alarm fire at Maine Plastics on Kenosha Road. Zion FF/PMs Campanella and Messick place an aerial master stream in service.

ZFRD in Action



Above, BC Eppers (ZFRD's Training Officer) and FF/PM Litz oversee as the new firefighters complete a series of evolutions, such as this victim rescue.



ZFRD In Action

Right, FF/PM Tim Urbanik (far right) leads a July training evolution on the operation and maintenance of chainsaws. FF/PM Litz and FF/PM Gripko are working on the saws.



Flight for Life in-service at ZBTHS.



Above, in March, FF/PM Gripko, FF/PM Costello, and FF/PM Tim Urbanik train on putting on fire gear and SCBA. This is a timed evolution.

ZFRD In Action



Promotions in 2012



In August, ZFRD had three promotions.

Pictured from left to right:

1. Greg Friedrich was promoted from Battalion Chief to Deputy Chief.
2. Al Eppers was promoted from Lieutenant to Battalion Chief.
3. Jason Messick was promoted from Firefighter to Lieutenant.

Sharon Mirr

The Zion Police and Fire Departments had a difficult loss in 2012—the sudden death of dispatcher Sharon Mirr. Sharon usually worked the afternoon shift, which is often the busiest for both police and fire. When things were hectic, she was at her best and happiest. With her seniority, she could have moved to days but she chose to stay on afternoons because she cared so much for all of us and wanted to look out for us. Sharon would also work extra shifts on holidays so co-workers with young children could spend time at home. In addition, she also donated money to local animal shelters, churches, and schools. If anyone ever needed anything, she would be the first to offer from whatever she had.

We all remember her cool competence, her ability to multi-task, and her genuine concern for people. She was a one-of-a-kind human being, a great dispatcher, and someone we all loved very much. Sharon is missed by all who knew her.

