

# **WINNETKA FIRE DEPARTMENT**

*“An All Hazards Response Department”*

# 2012

# Annual Report

*Alan J. Berkowsky, Fire Chief*



## **Mission Statement**

Provide the community with a quality life, safety and property conservation program in a comprehensive and efficient manner implemented through fire prevention, public education, fire suppression, emergency medical and rescue services.

## Message from the Chief

Thank you for taking the time to review the Winnetka Fire Department 2012 Annual Report. I hope you find it informative. The Winnetka Fire Department has a long and proud history of serving the community by providing an extraordinary level of customer service by a highly trained group of firefighters/paramedics. This dedication to community service is a core Department principle that will continue as we move into the future.

Our response area includes the residents of Winnetka, but the Department has also provided the same level of service to the citizens of Kenilworth for more than 70 years. In addition to Kenilworth, our response districts include the Cook County unincorporated areas of Woodley Road and Indian Hill.

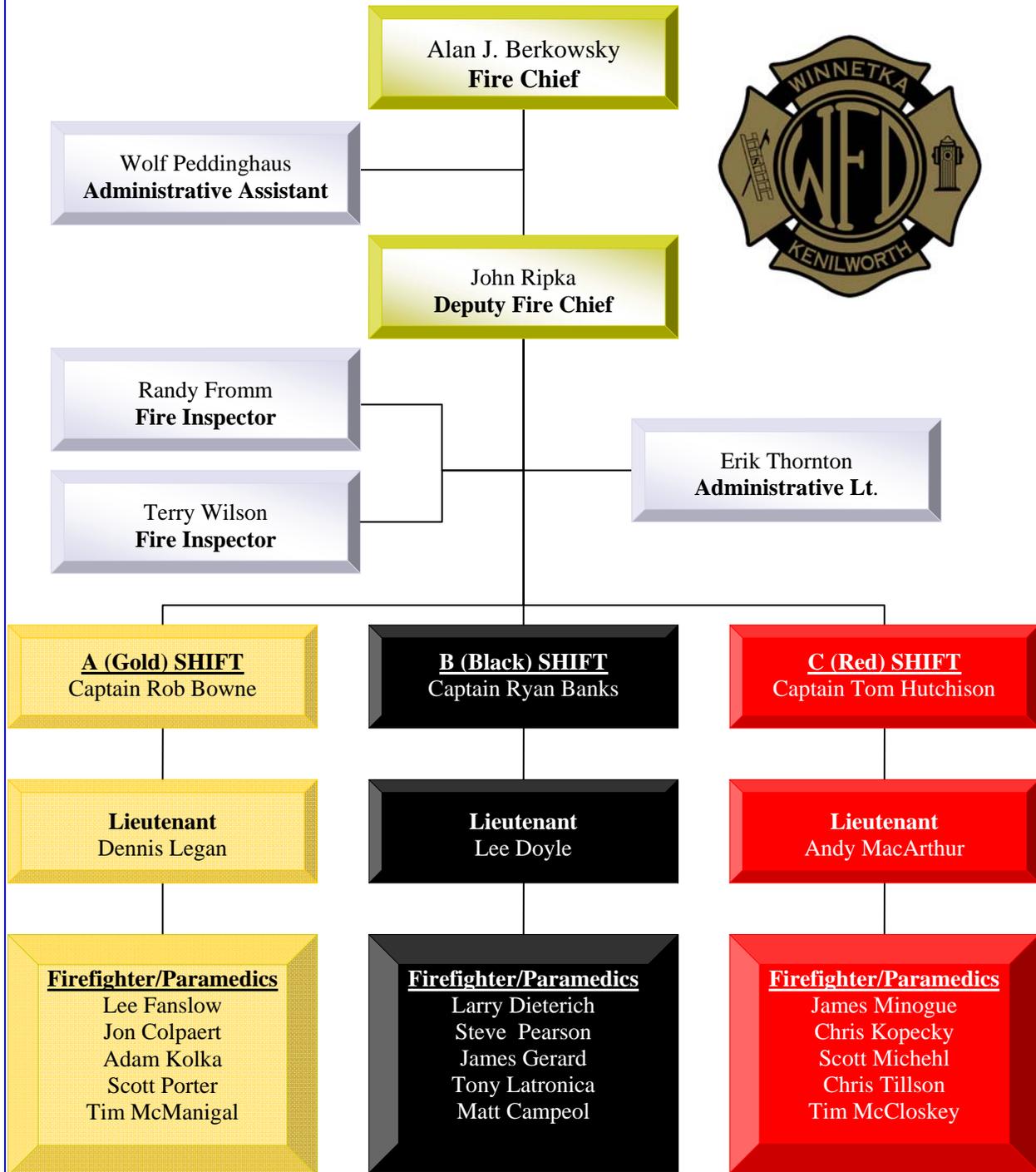
Because of our commitment to providing the community the highest level of service possible, we have become more than just a “Fire” Department. We have evolved in to an “All-Hazard” Department that will respond to and assist in solving just about any problem that may arise. Whether it is a call for smoke, fire, emergency medical services, an activated carbon monoxide detector, an arcing outlet, water dripping from the ceiling, or someone slipping off a chair and needing help to get back up; we provide all these services and many more any hour of the day, 7 days a week.

I am proud to be a part of this great Department. I am very impressed with the compassion and ingenuity of the Department members; and I am fortunate to witness their dedication to the community every day. On behalf of the Winnetka Fire Department, I thank you for your continued support and if you ever have a question or concern about your Fire Department, please do not hesitate to contact me (Direct line: 847-716-3309).

Stay Safe.

Alan J. Berkowsky  
Fire Chief

# Winnetka Fire Department Organizational Chart





## Winnetka Fire Officers Administrative Duties



**Lt. Legan**  
Apparatus  
Small Tools  
Hazmat  
Fire Investigations

**Lt. MacArthur**  
Public Education  
Preplans  
Fire Prevention

**Lt. Thornton**  
Water Supply  
Hoses and Appliances  
CPR  
Box Cards

**Lt. Doyle**  
Facilities/Grounds  
ESDA Coordinator  
Communications  
Safety

**Captain Banks**  
EMS  
EMS Computers

**Captain Bowne**  
SCBA  
Water Rescue Team  
Medical Physicals

**Captain Hutchison**  
Training  
Training Tower

## **2012 Accomplishments**

- In August of 2012, the Winnetka Fire Department, the Winnetka Police Department and principals and staff from Winnetka School District 36 conducted a Tabletop Exercise at Greeley School that reviewed both potential fire and police emergency situations and procedures.
- The Radio Direct Connect Alarm System Network added 35 radio connections in 2012 bringing the total number of radios to 147.
- One Firefighter became a fully trained and certified Paramedic.
- A new Firefighter/Paramedic was hired to replace a retirement in 2011.
- A new Village of Winnetka Firefighter/Paramedic Final Eligibility List was created that will expire on 10/22/2014.
- A new collective bargaining agreement was negotiated and the new agreement will be in place until 12/31/2014.
- Fire Inspector Randy Fromm was awarded the Public Safety Employee of the Year award by the Winnetka-Northfield Chamber of Commerce.
- Over 8,154 hours of training was provided for all Department personnel. This averages to approximately 338 hours of training per Firefighter/Paramedic.
- A Public Safety Open House was co-hosted by the Fire & Police Departments. In addition, the first Taste of Winnetka was added to the program. This year's Open House was attended by an estimated 700 to 1000 residents.

## **2012 Accomplishments**

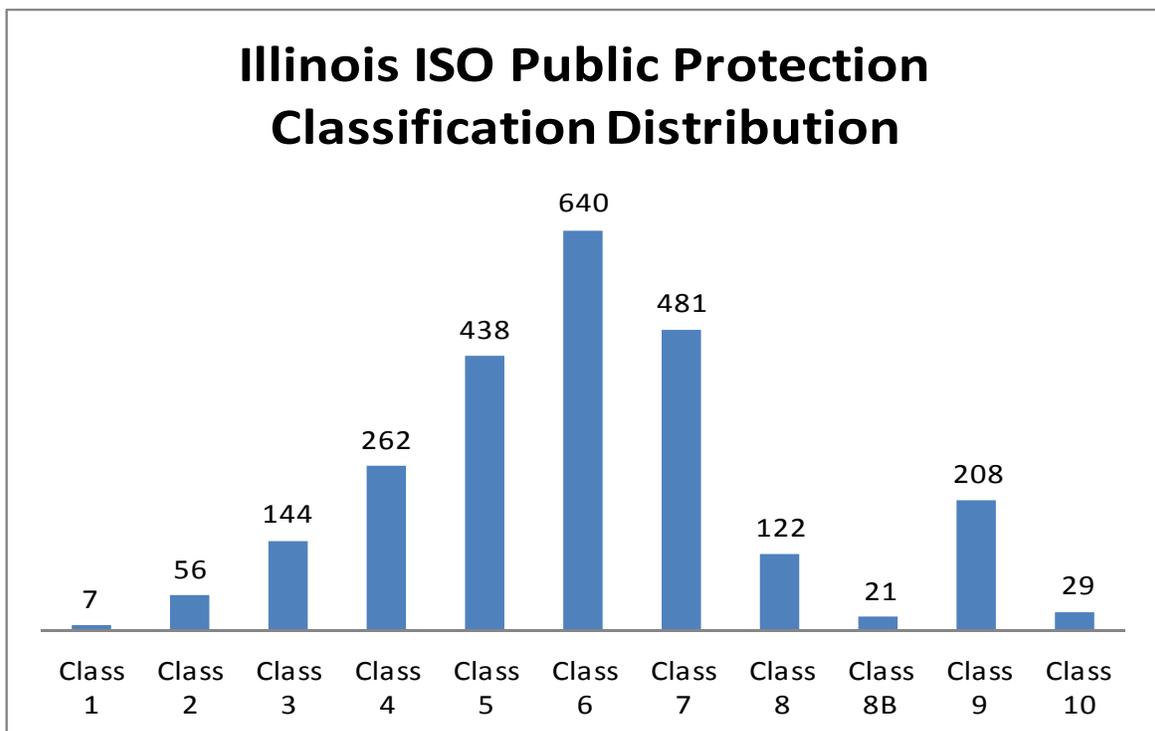
- All fire officers completed Phase I of the Blue Card Incident Command Certification Program. Blue Card is a state of the art training and certification system that teaches command and control of emergency incidents.
- Two joint night training sessions were hosted at the drill tower and attended by four neighboring fire departments.
- All Department Paramedics were trained and certified in Advanced Cardiovascular Life Support (ACLS). ACLS refers to a set of clinical interventions for the urgent treatment of cardiac arrest, stroke and other life threatening medical emergencies.
- Despite a severe drought, Fourth of July fireworks and celebrations were successful, safe and fun.
- The Winnetka-Northfield Chamber of Commerce presented the Distinguished Service Award to the members of the Winnetka Fire Department.
- Narrowband reprogramming was completed. The US Federal Communications Commission (FCC) issued an order that all affected Fire and Police radios and communications equipment to migrate to narrowband systems by January 1, 2013.
- Worked with the Community Development Department to adopt new Village Codes.
- The Fire Prevention Pre-Plan program saw a 30% increase in the number of buildings walked through by shift members.

## 2012 ISO Rating Increase

The Winnetka Fire Department is very proud to announce that the Insurance Services Office (ISO) Public Protection Classification (PPC) for Winnetka has been upgraded to Class 3.

ISO's PPC plays an important role in the underwriting process at insurance companies. According to the ISO, most US insurers "use PPC information as part of their decision-making when deciding what business to write, coverage's to offer or prices to charge for personal or commercial property insurance."

"PPC is important to communities and fire departments as well. Communities whose PPC improves may get lower insurance prices. PPC also provides fire departments with a valuable benchmark, and is used by many departments as a valuable tool when planning, budgeting and justifying fire protection improvement."



## 2012 Just the Facts

<u>Activity</u>	<u>Number</u>
ISO Rating	3
Number of Stations	1
Number of Sworn Personnel	24
Daily Shift Staffing Level	6
Number of Full-time Civilian Personnel	1
Average Response Time Emergencies	0:03:43
Total Calls for Service	2211
Average Calls Per Day	6.2
Vehicle Responses	4152
Vehicle Responses Per Day	11.80
EMS Calls	687
Fire/Explosion Calls	23
Hazardous Condition Calls	112
Service Calls	339
Good Intent Calls	404
Fire Alarm Responses	645
All Other Calls	1
Average Time Spent on All Calls	0:29:40
Total Training Hours	8,154
Training Hours per Firemedic	338
On-The-Job Injuries with Lost Time	0
Fire Prevention Inspections	700
Hydrant Inspections	657



## 2012 Walk-In Services



Approximately 240 residents dropped off 334 pounds of unused and expired pharmaceuticals at the Winnetka Fire Station at 428 Green Bay Road to be properly disposed of. The Village of Winnetka Fire Department offers this program through the Solid Waste Agency of Northern Cook County (SWANCC).

Another program offered by the Fire Department through SWANCC is sharps disposal. Approximately 250 residents used the Fire Department's SHARPS disposal service and dropped off 259 pounds of used offered at the Fire Station. Also, approximately 500 sharps containers were distributed to residents.



Approximately 225 residents took advantage of the Fire Department's free blood pressure reading walk-in service. Most of the residents that received blood pressure readings came back multiple times.

In calendar year 2012 the Winnetka Fire Department responded to 2,211 incidents. There are seven categories that incidents can be classified under. The largest percentage of responses was for rescue and emergency medical services. A detail of responses by incident type is listed below.

**Winnetka Fire Department  
Incident Type Report (Summary)  
Alarm Date Between {01/01/2012} And  
{12/31/2012}**

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
<b>1 Fire</b>				
111 Building fire	14	0.63%	\$998,000	99.07%
113 Cooking fire, confined to container	1	0.05%	\$0	0.00%
134 Water vehicle fire	1	0.05%	\$3,000	0.29%
141 Forest, woods or wildland fire	1	0.05%	\$2	0.00%
142 Brush or brush-and-grass mixture fire	1	0.05%	\$0	0.00%
154 Dumpster or other outside trash receptacle fire	4	0.18%	\$3,350	0.33%
160 Special outside fire, Other	1	0.05%	\$0	0.00%
	<b>23</b>	<b>1.04%</b>	<b>\$1,004,352</b>	<b>99.70%</b>
<b>3 Rescue &amp; Emergency Medical Service Incident</b>				
321 EMS call, excluding vehicle accident with injuries	16	27.86%	\$0	0.00%
322 Motor vehicle accident with injuries	31	1.40%	\$0	0.00%
323 Motor vehicle/pedestrian accident (MV Ped)	7	0.32%	\$0	0.00%
324 Motor Vehicle Accident with no injuries	17	0.77%	\$0	0.00%
331 Lock-in (if lock out , use 511 )	12	0.54%	\$0	0.00%
353 Removal of victim(s) from stalled elevator	4	0.18%	\$0	0.00%
	<b>687</b>	<b>31.07%</b>	<b>\$0</b>	<b>0.00%</b>
<b>4 Hazardous Condition (No Fire)</b>				
400 Hazardous condition, Other	4	0.18%	\$0	0.00%
410 Combustible/flammable gas/liquid condition, other	2	0.09%	\$0	0.00%
411 Gasoline or other flammable liquid spill	5	0.23%	\$0	0.00%
412 Gas leak (natural gas or LPG)	39	1.76%	\$0	0.00%
422 Chemical spill or leak	2	0.09%	\$0	0.00%
424 Carbon monoxide incident	12	0.54%	\$0	0.00%
440 Electrical wiring/equipment problem, Other	9	0.41%	\$0	0.00%
441 Heat from short circuit (wiring), defective/worn	4	0.18%	\$0	0.00%
442 Overheated motor	11	0.50%	\$0	0.00%
443 Breakdown of light ballast	3	0.14%	\$0	0.00%
444 Power line down	8	0.36%	\$0	0.00%
445 Arcing, shorted electrical equipment	11	0.50%	\$1,000	0.09%
451 Biological hazard, confirmed or suspected	1	0.05%	\$0	0.00%
463 Vehicle accident, general cleanup	1	0.05%	\$0	0.00%
	<b>112</b>	<b>5.07%</b>	<b>\$1,000</b>	<b>0.09%</b>

**Winnetka Fire Department**

**Incident Type Report (Summary)**

**Alarm Date Between {01/01/2012} And  
{12/31/2012}**

<b>Incident Type</b>	<b>Count</b>	<b>Pct of Incidents</b>	<b>Total Est Loss</b>	<b>Pct of Losses</b>
<b>5 Service Call</b>				
500 Service Call, other	66	2.99%	\$0	0.00%
510 Person in distress, Other	1	0.05%	\$0	0.00%
511 Lock-out	36	1.63	\$0	0.00
521 Water evacuation	1	0.05%	\$0	0.00%
522 Water or steam leak	5	0.23%	\$0	0.00%
531 Smoke or odor removal	6	0.27%	\$0	0.00%
542 Animal rescue	2	0.09%	\$0	0.00%
551 Assist police or other governmental agency	4	0.18%	\$0	0.00%
554 Assist invalid	43	1.94%	\$0	0.00%
555 Defective elevator, no occupants	38	1.72%	\$0	0.00%
571 Cover assignment, standby, moveup	133	6.02%	\$0	0.00%
	<b>339</b>	<b>15.33%</b>	<b>\$0</b>	<b>0.00%</b>
<b>6 Good Intent Call</b>				
600 Good intent call, Other	4	0.18%	\$0	0.00%
611 Dispatched & cancelled en route	294	13.30%	\$0	0.00%
621 Wrong location	1	0.05%	\$0	0.00%
622 No Incident found on arrival at dispatch address	1	0.05%	\$0	0.00%
650 Steam, Other gas mistaken for smoke, Other	4	0.18%	\$0	0.00%
651 Smoke scare, odor of smoke	86	3.89%	\$2,000	0.19%
652 Steam, vapor, fog or dust thought to be smoke	13	0.59%	\$0	0.00%
653 Smoke from barbecue, tar kettle	1	0.05%	\$0	0.00%
	<b>404</b>	<b>18.27%</b>	<b>\$2,000</b>	<b>0.19%</b>
<b>7 False Alarm &amp; False Call</b>				
700 False alarm or false call, Other	2	0.09%	\$0	0.00%
710 Malicious, mischievous false call, Other	1	0.05%	\$0	0.00%
714 Central station, malicious false alarm	1	0.05%	\$0	0.00%
730 System malfunction, Other	176	7.96%	\$0	0.00%
731 Sprinkler activation due to malfunction	1	0.05%	\$0	0.00%
733 Smoke detector activation due to malfunction	43	1.94%	\$0	0.00%
734 Heat detector activation due to malfunction	2	0.09%	\$0	0.00%
735 Alarm system sounded due to malfunction	47	2.13%	\$0	0.00%
736 CO detector activation due to malfunction	39	1.76%	\$0	0.00%
740 Unintentional transmission of alarm, Other	34	1.54%	\$0	0.00%
741 Sprinkler activation, no fire - unintentional	1	0.05%	\$0	0.00%
743 Smoke detector activation, no fire - unintentional	64	8.77%	\$0	0.00%
744 Detector activation, no fire - unintentional	17	0.77%	\$0	0.00%
745 Alarm system activation, no fire - unintentional	63	2.85%	\$0	0.00%
746 Carbon monoxide detector activation, no CO	24	1.09%	\$0	0.00%
	<b>645</b>	<b>29.17%</b>	<b>\$0</b>	<b>0.00%</b>

Winnetka Fire Department

Incident Type Report (Summary)

Alarm Date Between {01/01/2012} And  
{12/31/2012}

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
8 Severe Weather & Natural Disaster				
814 Lightning strike (no fire)	1	0.05%	\$0	0.00%
	1	0.05%	\$0	0.00%

Total Incident Count: 2211

Total Est Loss:

\$1,007,352

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In 2012 , the Winnetka Fire Department responded to 16 fires in its service area, six of which were building fires. The total value of the properties involved in the fire incidents was approximately \$37,455,652. The total estimated loss for the year was \$946,352. In all, 97.47% percent of the properties involved in the fire incidents was saved.

Winnetka Fire Department

Dollar Value Saved & Loss Analysis

Alarm Date Between {01/01/2012} And {12/31/2012}  
 and District In "2807 ", "2808 ", "2809 ", "2810  
 ", "2801 ", "2802 ", "2803 ", "2804 ", "2805 ", "2806  
 count " , "2815 " a

Incident Type		Total Values	Total Losses	Total Saved	Percent Lost	Percent Saved
111 Building fire	6	\$24,225,000	\$937,000	\$23,288,000	3.87%	96.13%
113 Cooking fire, confined to	1	\$1,150,000	\$0	\$1,150,000	0.00%	**.**%
134 Water vehicle fire	1	\$0	\$3,000	\$-3,000	0.00%	0.00%
141 Forest, woods or wildland	1	\$2	\$2	\$0	100.00%	0.00%
154 Dumpster or other outside	4	\$9,255,500	\$3,350	\$9,252,150	0.04%	99.96%
160 Special outside fire,	1	\$150	\$0	\$150	0.00%	**.**%
445 Arcing, shorted	1	\$825,000	\$1,000	\$824,000	0.12%	99.88%
651 Smoke scare, odor of	1	\$2,000,000	\$2,000	\$1,998,000	0.10%	99.90%
<b>Grand Totals</b>	<b>16</b>	<b>\$37,455,652</b>	<b>\$946,352</b>	<b>\$36,509,300</b>		

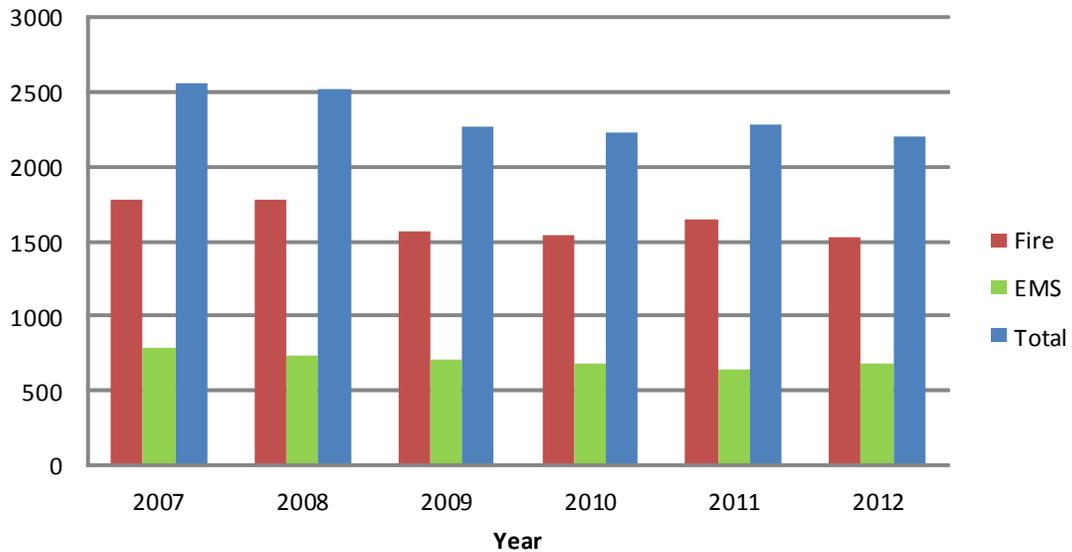
Total Percent Lost: 2.53%

Total Percent Saved: 97.47%

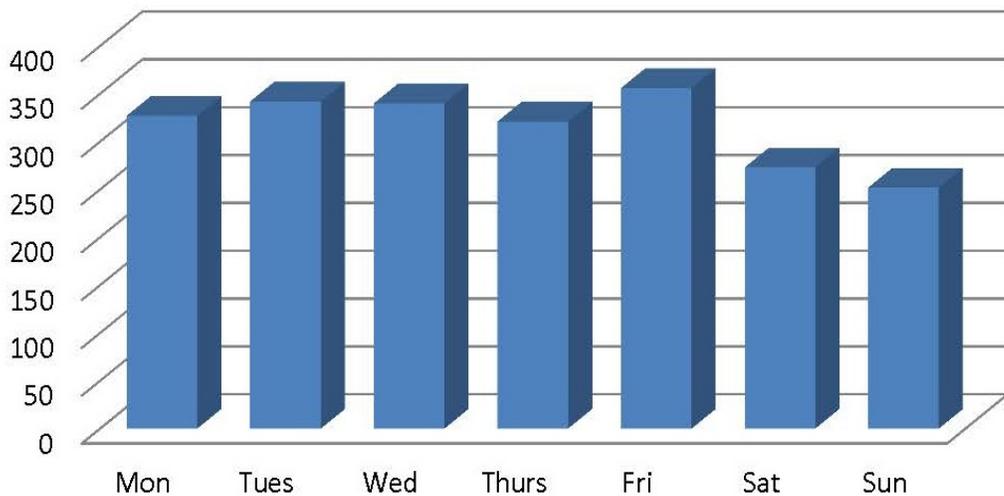


# Winnetka Fire Department Statistics

## Calls for Service By Year

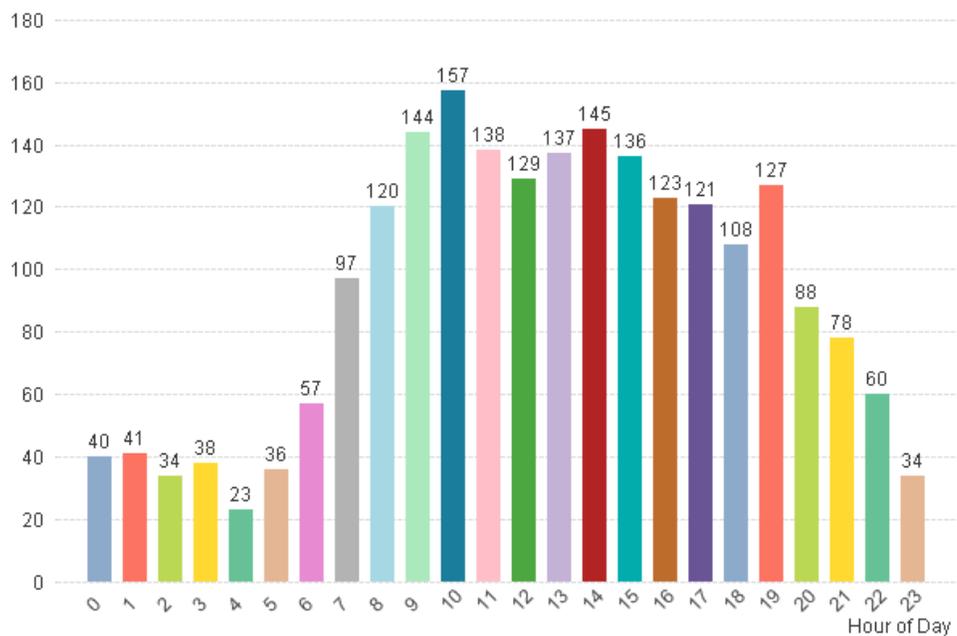


## Calls for Service by Day of Week

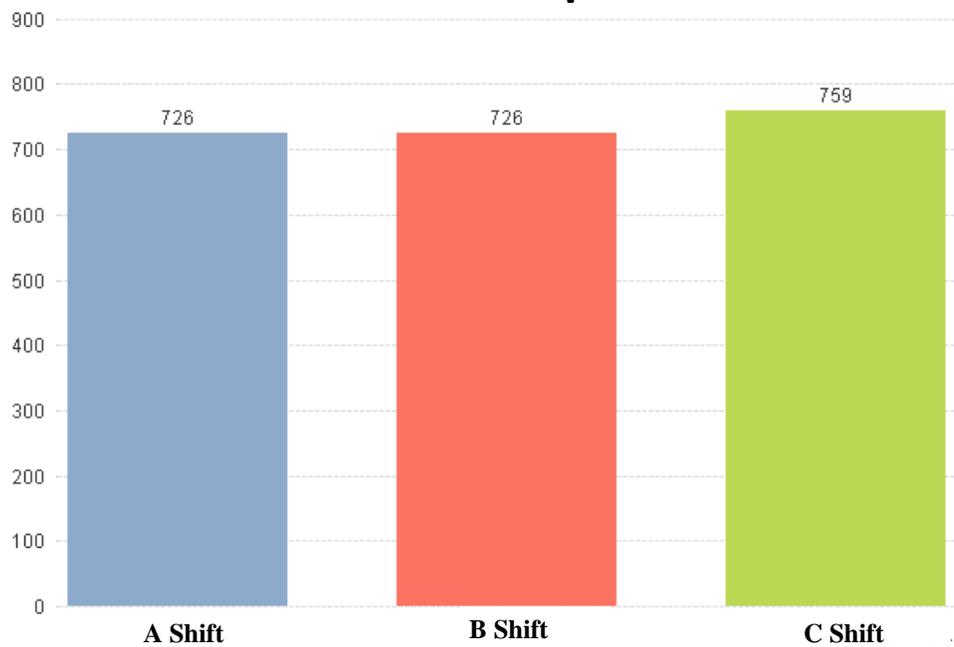


# Winnetka Fire Department Statistics

## 2012 Incidents per Hour of Day

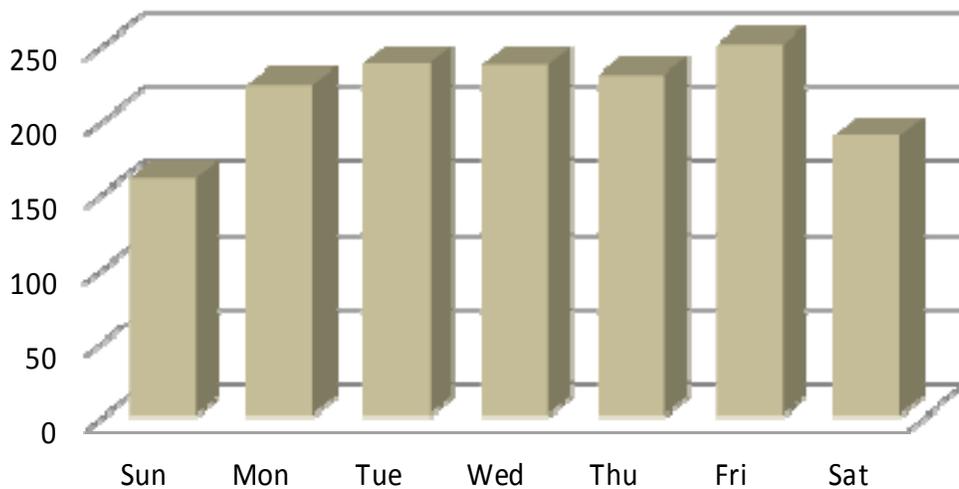


## 2012 Incidents per Shift

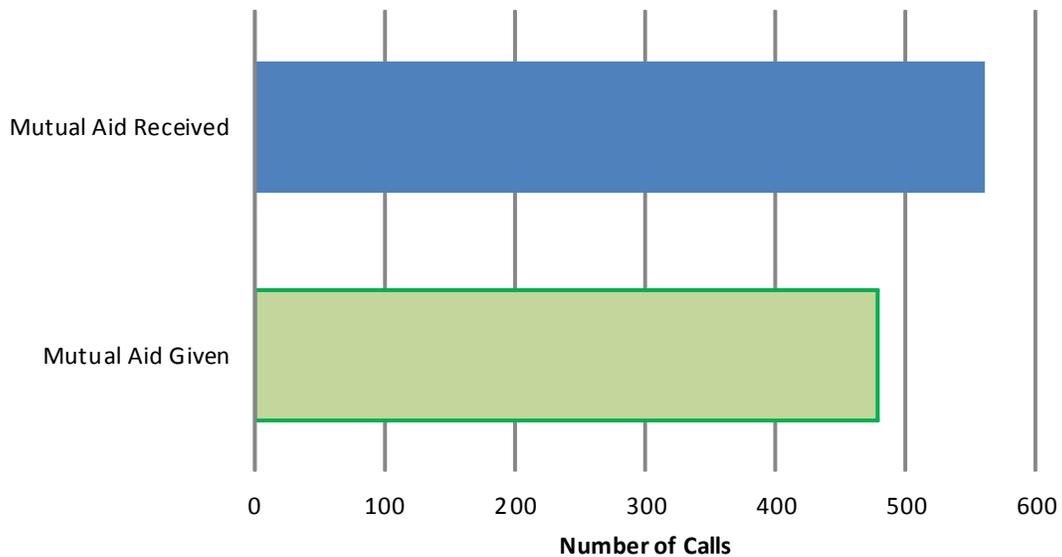


# Winnetka Fire Department Statistics

## 2012 Calls per Day - Non-EMS

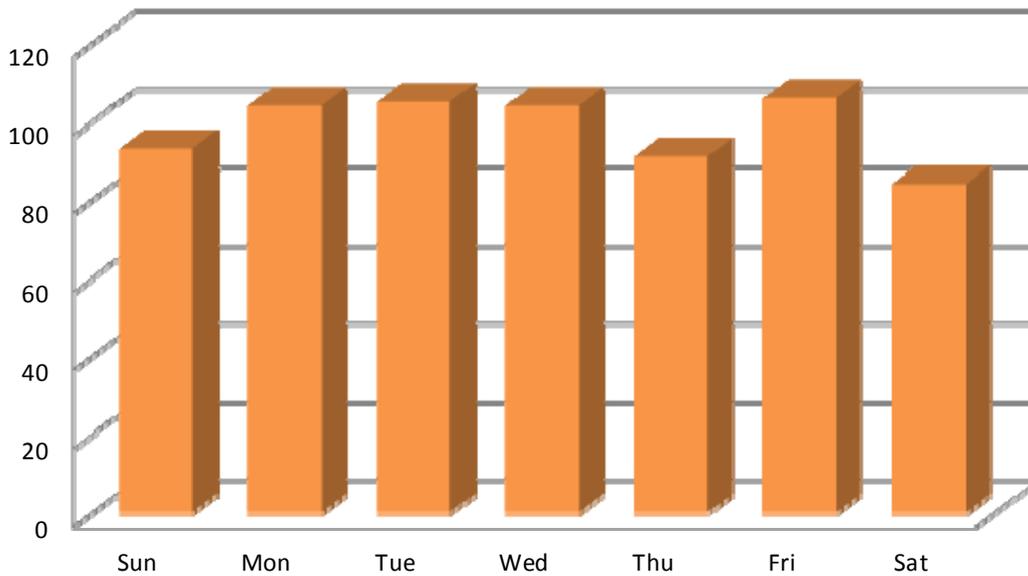


## 2012 Mutual Aid Given and Received

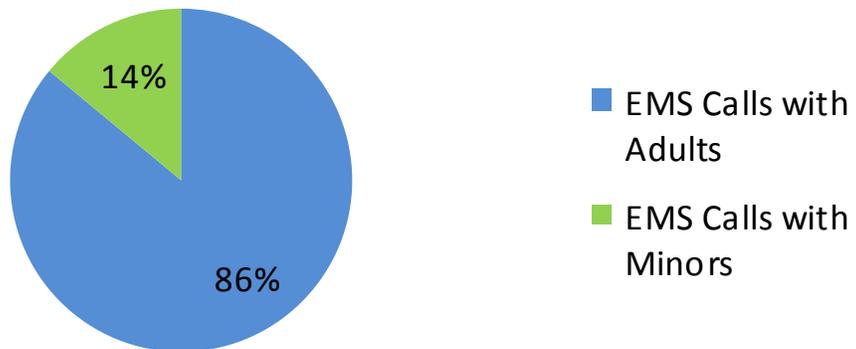


# Winnetka Fire Department Statistics

## EMS Calls per Day



## EMS Calls Involving Minors



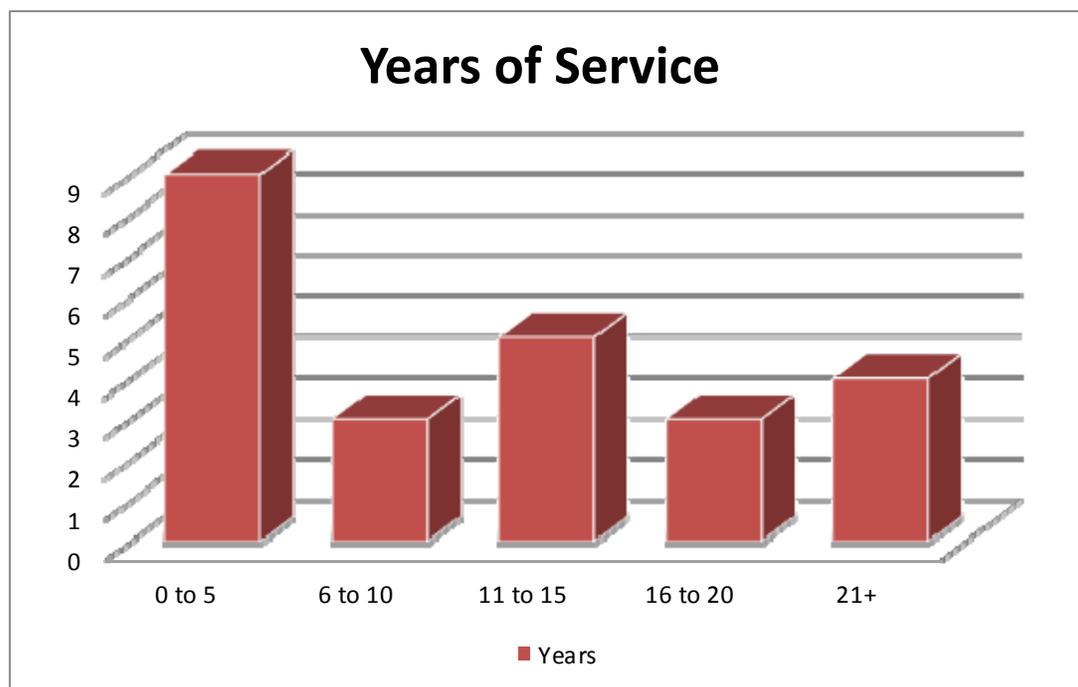
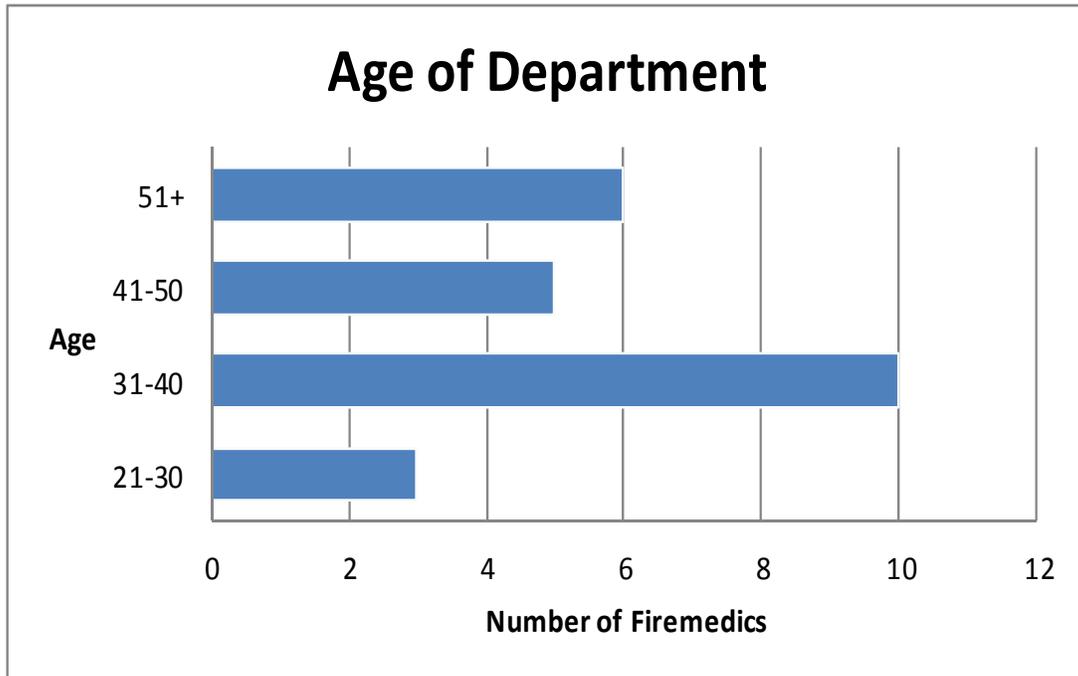
## 2012 Personnel Events



On January 30, 2012, Tim McCloskey began his career with the Fire Department. Already a trained firefighter and a licensed paramedic, Tim has been a great addition to the Department and fits in perfectly with all the members and the Department's focus on customer service.



# Winnetka Fire Department Personnel Statistics



## 2012 Front-line Apparatus

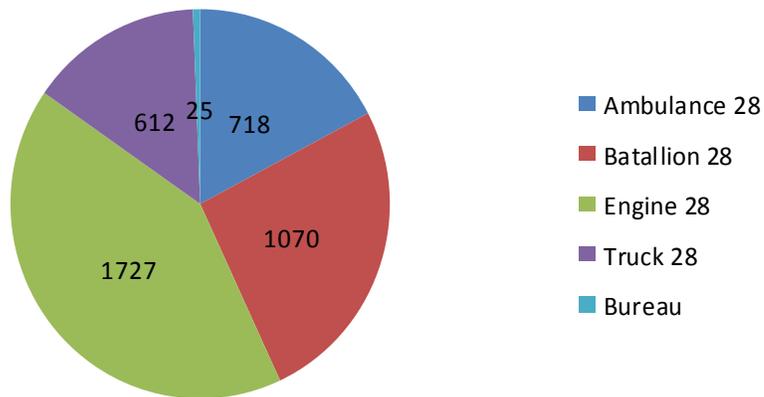


**Engine 28 is a 2000 Pierce 1500 GPM Rescue Pumper.**



**Truck 28 is a 2010 Smeal 2000 GPM Aerial Truck.**

### 2012 Vehicle Responses



**2007 Freightliner Medtec Ambulance.**



**Battalion 28 is 2012 Ford Expedition.**

# Training



Vehicle Fire and Extrication Training

The Department trains everyday. In 2012, there were over 8,154 hours of training which is approximately a 7% increase from 2011. This averages to approximately 338 hours of training per firefighter/paramedic.

The constant and advanced training has led the Winnetka Fire Department to become more than just a traditional fire department that fights fires. Rather, the Winnetka Fire Department has evolved into an All Hazard Response Department that is prepared to respond and help to solve just about any problem that may arise. This evolution has helped the Department maintain its strong focus on customer service.



# Training

## Fire Ground Training

In 2012 the Department was fortunate to have access to two training houses. Occasionally, when a home is scheduled for demolition, the owner will allow the Fire Department to use it for training purposes.

Available houses are great opportunities to conduct all types of training in a real world setting. The types of training conducted include fire ground operations and tactics, forcible entry, ventilation (see photo), search and rescue, and salvage & overhaul operations.



## Search and Rescue Training

Several times throughout the year each shift will conduct in-house search and rescue training. In these training sessions, a training mannequin is hidden in a large room or structure and the firefighters must find and rescue the mannequin while their masks are completely obscured. These skills must be kept sharp in the event a person or firefighter becomes disoriented or trapped as a result of a structure fire.



# Training

One of the best training tools and assets we have is the training tower located at the Village Yards. Winnetka's Training Tower allows the most realistic multi-variable training in both residential and commercial fire/rescue situations.



## Multi Company Night Drills



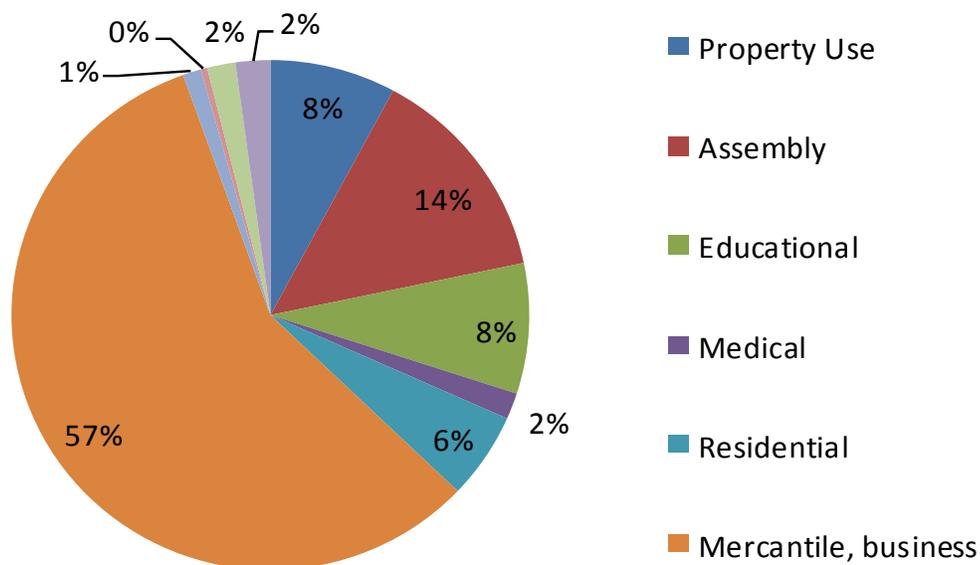
Night training, which is required annually by both the National Fire Protection Association (NFPA) and the ISO, is conducted twice a year at the training tower. This training includes multi-company operations with fire departments from the surrounding communities.

# Fire Prevention

Fire Prevention is a major component of our mission statement. Its purpose is to provide the community with a quality life safety and property conservation program. In 2012, the Fire Department performed over 700 fire prevention inspections. Inspections included all kinds of occupancies from grocery stores to recreation facilities.

We are very proud of our fire prevention program and that we spend time educating and going out to meet and positively interact with residents, tenants, building owners and business owners.

### 2012 Inspections by Occupancy Property Use



## Public Education



The Winnetka Fire Department provides numerous public education programs that include CPR & AED training, Boy and Girl Scout First Aid training, Au Pair training, Park District life guard training, and many others. Further, the Department fire engine also attends block parties by request and provides educational tours of the fire station. The Department also provides free blood pressure screenings and offers unused/expired medication and SHARPs disposal service to residents.



## Fire & Police Open House



In October 2012, the Winnetka Fire and Police Departments co-hosted a very successful open house. The first annual Taste of Winnetka was also introduced. Even with the light drizzle, an estimated 700 to 1,000 people attended and everyone, firefighters and cops included, had an amazing time.

