



COUNTRYSIDE FIRE PROTECTION DISTRICT

Jeff Steingart, Fire Chief

Francis L. Wolowic, President

2007 Annual Report

**INCIDENT RESPONSES
EMERGENCY MEDICAL SERVICE
FIRE PREVENTION BUREAU
INFORMATION TECHNOLOGY SYSTEMS
MAINTENANCE
PUBLIC EDUCATION
TELECOMMUNICATIONS
TRAINING**

INCIDENT RESPONSES

2007 ANNUAL REPORT

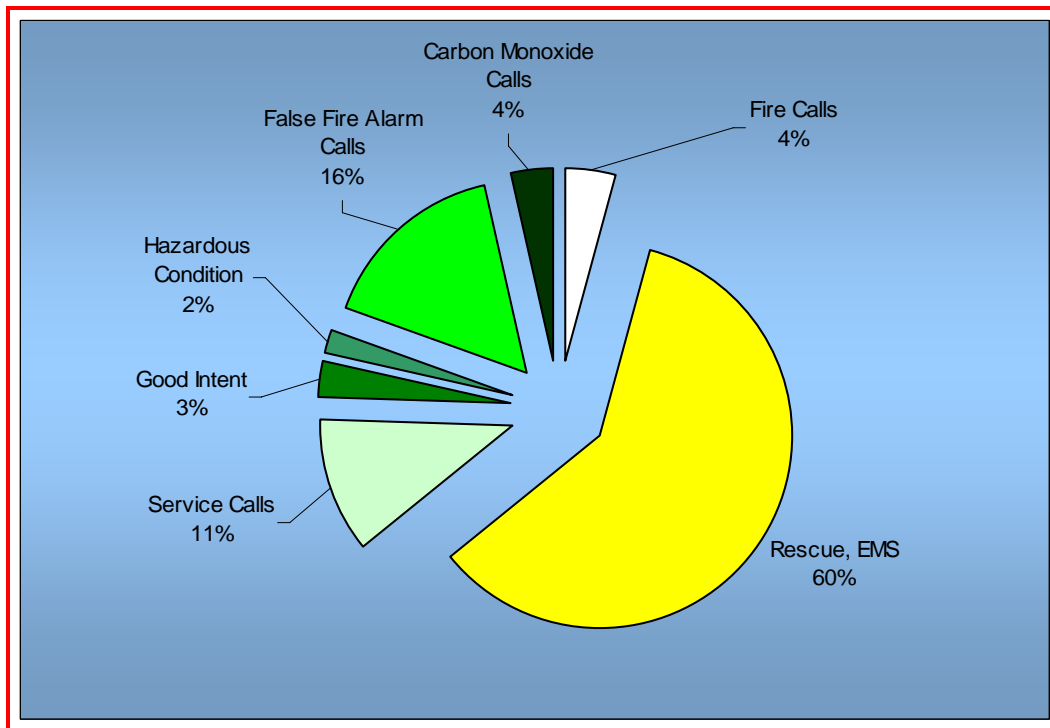


The Commission on Fire Accreditation International identifies the need for a fire agency to provide reporting and analysis of its services. The 2007 Incident Response Summary fulfills that need by providing the necessary reporting and analysis of emergency response and deployment by the District. Through accurate reporting and analysis the District is provided a platform for informed planning and decision-making.

Note: CFPD Station #1 was closed for the first seven months during 2007 for construction and resources were relocated to the two Mundelein stations.

CALL VOLUME

- The District responded to 3,861 calls in 2007. Of those, 3,271 were in the District. This is a 6.9% increase in call volume from 2006 and an 8.9% increase from 2005. The increase of 251 calls is an increase in the District's trend for call volume. The growth within the District and the variables that are related to moderate growth and weather keep the District on track with this trend.



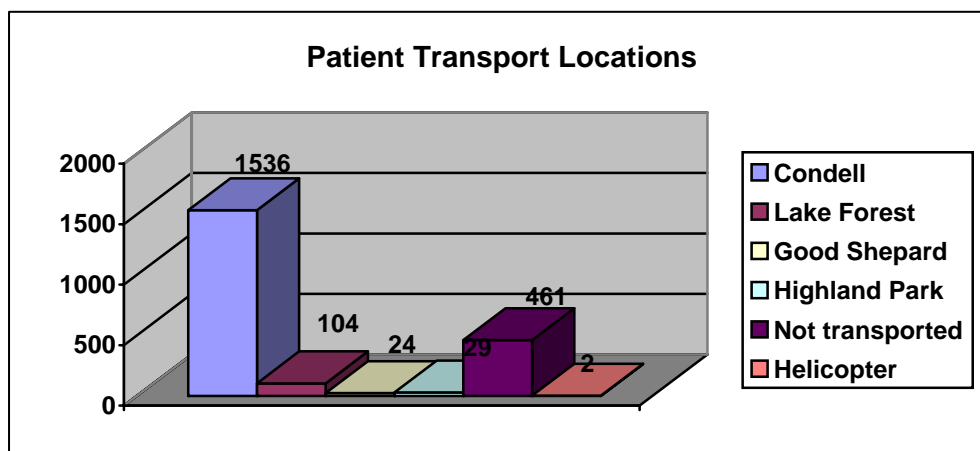
- In 2007, CFPD averaged 10.6 calls per day.
- When 129 trouble alarms handled by the Fire Prevention Bureau are added to the call count, the District responded to 3,990 calls. Of those, 3,400 calls were in the District.
- February and December were the busiest months in 2007.
- The busiest day of the week was Monday, the slowest again on Sunday.
- The hours between 8:00 AM and 9:00 PM were the busiest hours of the day.
- CFPD gave mutual aid 591 times to other agencies. 315 of those were to Mundelein, 77 to Libertyville. This was an increase of 93 calls mainly due to station arrangement with Mundelein.

FIRE RESPONSE

- 2007 recorded 25 structure fires, which is below the average of 31.5 over a 10-year period.
- The 2007 fire loss was \$1,494,895.00, a decrease of \$960,000 dollars from 2006. The highest dollar incident (\$720,000) occurred at a fire where three buildings were damaged in Ivanhoe.
- The district treated seven (7) civilians that were fire related casualties, and one (1) fire death resulted from a vehicle fire.

EMS RESPONSE

- EMS calls accounted for 63 % of all calls within the Fire District.
- 91% of all patients were transported to Condell Medical Center in Libertyville.



- Hawthorn Lakes and the Willows retirement community accounted for 294 calls in 2007, 8.9% of all EMS calls in District. A 27% increase from 2006.
- EMS calls at The Park of Vernon Hills retirement community in 2007 saw an 11% increase at 309, compared to 278 in 2006, 9.4% of all EMS calls in District.

RESPONSE TIME

- Firemedics responded to 2,082 emergency calls (ambulance, vehicle crashes and structure fires) in the District in 2007.
- The response time for all in-district emergency calls in 2007 averaged 4:24; an decrease of :02 seconds from 2006.
- The Fire District achieved its response time goal of *seven minutes or less to 85% of all emergency calls*. The Fire District responded to 92.2% of all ambulance; vehicle crashes and structures fire calls within seven minutes or less, 85% within six minutes or less, and 68.4% within four minutes or less.
- The Village of Vernon Hills accounted for 78.3% of in-district calls in 2007, a 2.7% increase from 2006.

EMERGENCY RESPONSE TIME SUMMARY
DISTRICTS 41A – 41I
2007 SUMMARY

Type of Call	Number of Calls	* Average Response Time	Percent Within 7 minutes	Response Time Goal
EMS Ambulance	1907	4:25	90.5%	85% < 7 mins.
Motor Vehicle Accidents	145	4:08	89.8%	85% < 7 mins.
Structure Fires	36	4:32	86.2%	85% < 7 mins.
Tech Rescue/Haz-Mat	1	2:21	100%	85% < 7 mins.

* Increased response time data reflects CFPD Station #1 being closed July 24, 2006 for construction.

* STATION #1 RE-OPENED JULY 16, 2007

- Call distribution continues to increase in the eastern portion of the District with the heaviest call loading within 1.5 miles of station #2. The Park of Vernon Hills, the development of the South Milwaukee Avenue corridor and continued development of Gregg's Landing are attributed to the call volume. Growth in the western portion of the district is steadily increasing the call volume for that area.

FIREMEDIC INJURIES

- The District recorded five (5) Firemedic injuries in 2007. One of which required surgery and extensive rehab.
- The District recorded 180 days of workers compensation time in 2007. This was a substantial increase compared to 2006.
- One (1) injury occurred during an EMS call.
- Four injuries occurred during firefighting activities.

FIRE ALARM RESPONSE

- The Fire District responded to 515 automatic alarms in the District during 2007.
- The Fire Prevention Bureau responded to an additional 129 trouble alarms in 2007. A 10% decrease from 2006.
- Fire alarms accounted for 19.7% of the 3,271 calls (including FPB trouble alarms) within the District during 2007.

EMERGENCY MEDICAL SERVICES

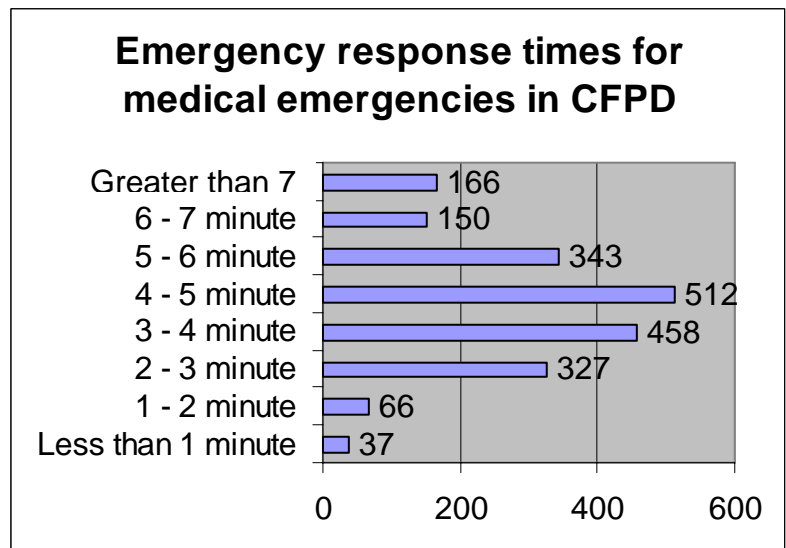
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Countryside and Mundelein firefighters work together at a roll over accident in Mundelein. The safety vests CFPD staff is wearing is part of a safety initiative for our staff to be more visible on the roadway.

Responding to medical emergencies continues to be the majority of CFPD responses. In 2007, CFPD medics responded to 2,299 EMS related incidents. This is an increase in calls by more than 7.75%. Dedication by our firemedics to provide quality care and great customer service is paramount. Assuring the residents and visitors of our District are constantly being provided the highest qualified and equipped firemedics responding from the closest station is a constant goal of all members.

The District has established a goal of providing an emergency response to 85% of all emergency calls within 7 minutes or less to calls within our district. In 2007, CFPD was able to achieve that goal 92.3% of the time. In District, there were 2,059 calls for medical services with an average response time of 4:24. Achieving this is a significant accomplishment considering for almost half of 2007, Station 1 was unoccupied due to construction.



CFPD ambulances responded to approximately 250 mutual aid requests for medical services in neighboring communities. This includes our response agreement with Mundelein that requires our two stations to respond to their village residents when we are closer.

Emergency calls are received in our dispatch center each day for service. Once calls are answered, telecommunicators provide EMD (Emergency Medical Dispatch) directions to further assess the medical needs of the people calling 911. These calls range from injuries that are less critical in nature to situations where life saving interventions can be made by the dispatcher. This is another example of ways that CFPD strives to provide the best possible service to all of its customers on every level. We currently have eight dispatchers certified in EMD skills.

BY THE NUMBERS

Countryside Firemedics provided many skills to all of the patients they treated. Some of the statistics are as follows:

- 1004 IV’s established in patients
- 998 patients received oxygen
- 268 medications administered (not including oxygen)
- 3 patients treated with an AED in the field
- 11 patients were successfully intubated
- 1380 patients had cardiac monitoring



Countryside firemedics responded to many calls for car crashes throughout 2007. This incident involved a car vs. motorcycle in front of station 1.

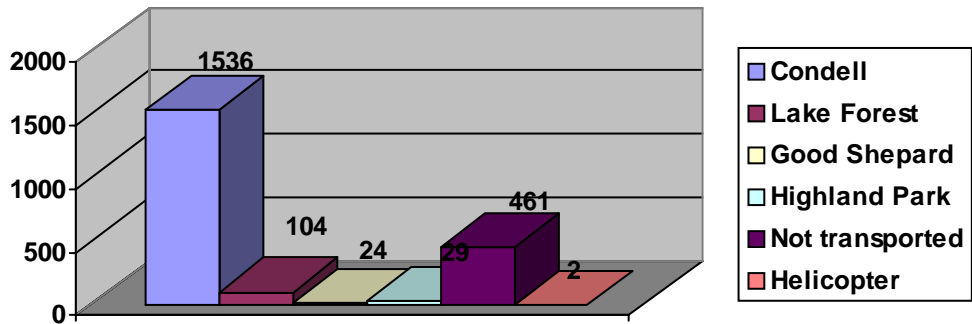
Years of Age	Male	Female
0-9	70	53
10-19	102	113
20-29	103	106
30-39	105	93
40-49	113	125
50-59	99	109
60-69	73	83
70-79	91	96
80-89	127	301
90-99	67	121
100+	N/A	3
Totals	957	1203

The age breakdown and gender specific data related to patients transported by CFPD in 2007. Female patients consisted of 55.7% of transports while male patients accounted for 44.2% of patients.

Part of the large number of patients transported that are over age 70 is in part due to the two retirement communities. CFPD responded to requests for emergency medical services to Hawthorn Lakes 294 times and The Park of Vernon Hills 309 times.

CFPD offers many transport options for all of the patients they care for. Condell is the most frequent destination for most patients. As noted in the chart below, over 1,500 patients were transported to CMC.

Patient Transport Locations



TRAINING

Condell Medical Center (CMC) assists CFPD with educational training opportunities. As part of the requirement to maintain an IDPH paramedic license, all paramedics must participate in continuing education. CMC provides multiple training opportunities and required paramedics pass a system wide test two times each year.

Training is coordinated by Assistant Chief Kazian as the department Medical Officer and Captain Ken Arnswald from the Training Division. FMs Prosi, Ogurek, and Dovel all help with the in-house training, inventory management, quality improvement program, and any other EMS related needs for CFPD.

Providing quality training for personnel and assuring that the equipment is current is part of our dedication for excellence.



Flight for Life lands in a field to transport and injured worker from a landscape company in Long Grove.

Part of our commitment this year is to increase EMS training for all personnel. We have dedicated at least one week a month to provide training in house for all of our personnel. In addition, we have developed a formal EMT-B training program that is provided each month. This class is open to all of our EMT-Bs as well as firefighters from the area who may also need additional training. To assist our paramedic students, we have created a training opportunity for our paramedic students to meet once a month to review skills and concepts taught in class and learn how to apply them in the field at CFPD. This has proven to be beneficial as many of our paramedic students are in the top tier of their class.



Paramedics assist the Flight for Life crew at the scene of a motor vehicle crash.

In 2007, CFPD congratulates the following members completed the Condell Paramedic Class- Mike Raasch, Dan Prezcell, Rob Elkins, and Vito Virgilio. Newly certified EMT-B members are Dan Roark, Clifton Englund, and Tim Scardina. This brings our total number of paramedics to 48 and 20 EMT-Bs. Currently there are eight members enrolled in the Paramedic class at Condell.

FIRE PREVENTION BUREAU

2007 ANNUAL REPORT



The 2007 Fire Prevention Bureau Division annual report highlights the results of programs implemented for the preservation of human life and conservation of property throughout the Countryside Fire Protection District (CFPD). The Fire Prevention Bureau programs focus on prevention through the three (3) E's of Education, Engineering, and Enforcement.

Programs involved provide the communities we serve in the villages of Vernon Hills, Hawthorn Woods, Long Grove, Indian Creek, Kildeer and Unincorporated Lake County with fire prevention bureau support while also generating revenue to help the District's bottom line. The Fire Prevention Bureau team supplemented the duty crews by responding to emergency calls, maintaining fire/paramedic/special certifications and assisted with special detail projects to provide quality service to our customers.

Fire Prevention Bureau Standard Operating Guidelines (SOG'S) were updated in 2007. The updated SOG'S covered the following topics:

- **General Administrative Guidelines** - The purpose of this SOG is to set forth the general administrative guidelines, structure and responsibilities for the Fire Prevention Bureau to meet established goals and objectives.
- **Adoption of Fire Prevention Codes** - The purpose of this SOG is to set forth the varied Codes which makeup the Fire Prevention Code of the Countryside Fire Protection District along with the Codes of the municipalities, unincorporated Lake County areas and the Illinois public schools it serves.
- **Plan Review Process** - The purpose of this SOG is to set forth the administrative guidelines and plan review process for Fire Prevention Bureau Plan Reviewers to follow while conducting plan reviews. The following types of new and remodel building construction projects are covered under this SOG: site development, commercial, industrial, institutional, multi-family and single-family residential sprinkler systems. This SOG also provides guidelines and procedures for the issuing of operational permits within the Fire District.
- **Inspection & Code Enforcement Procedures** - The purpose of the SOG is to establish guidelines for the proper conduction of a Fire Prevention & Life Safety Code inspection.
- **Fire Prevention Bureau Training Guidelines** - The purpose of this SOG is to set forth the minimum training standards to be followed in conduction of on-going fire prevention inspection training.
- **Fire Prevention Bureau Periodic Reports** - The purpose of this procedure is to outline the procedures to be followed in compiling the following Fire Prevention Bureau periodic reports.

Programs were developed and implemented in the following five major areas:

- Administration/Staffing
- Inspections
- Plan Reviews
- Fire Investigation, Origin & Cause
- Water Supply

The following is a brief summary of the Fire Prevention Bureau Division programs for 2007:

ADMINISTRATION & STAFFING

The 2007 Fire Prevention Bureau Division day staff team consisted of the following:

- Fire Marshal Mike McNally
- Inspector/Fire Medic Ron Cielek
- Inspector/Fire Medic Phil Obos

On June 4, 2007, Firemedic (FM) Tony Rodkey transferred from Black Shift to the newly created full-time day staff team position of Public Education Coordinator. The Public Education Coordinator position is a new day staff position within the Public Education Division that was previously coordinated by various shift personnel. In 2007, FM Rodkey's efforts were directed primarily to the Public Education Division. In 2008, he will also be assisting the Fire Prevention Bureau Division with inspections and other activities.

The Fire Prevention Bureau team also consisted of duty crews and part-time (off-duty) personnel that provided support when available on inspections, fire investigations, fire safety education, fire works display stand-by, fire drills, hydrant inspections/testing and pre-planning. Business Manager Ginny Klein and Administrative Assistant Nancy Gibbs provided administrative support when time permitted.

Conversely, the Bureau day time staff assisted duty crews by logging 873 hours of non-bureau related time consisting of shift detail, call responses and special detail, in addition to logging 720 hours of training. All Bureau pool vehicles contain an AED (Automatic Electronic Defibrillator), a medical emergency bag and a Self Contained Breathing Apparatus (SCBA). Inspectors Cielek and Obos worked with Firemedic Mike Raasch in modifying the inside cabs and beds of the new Bureau pickups to accommodate all the required equipment.

All Bureau members maintained certifications as licensed paramedics, firefighters, fire apparatus engineers, fire origin/cause investigators and other special response teams.

In addition to regular duties, Fire Marshal Mike McNally served as Vice President of the Northern Illinois Inspectors Association and Contract Manager for the CFPD Metro Firemedics. He also completed the following training activities:

- Northern Illinois Fire Sprinkler Advisory Board (NIFSAB) – NFPA 13D Residential Fire Sprinkler Seminar 2007
- Illinois Fire Inspectors Association (IFIA) Fall Seminar
- International Code Council (ICC) Final Code Revision Action Hearings – Rochester, New York (Voted on Final Code Revisions)
- Fire Investigator Strike Force Seminars
- USFA/NFA – On Line
- National Fire Sprinkler Association (NFSA) – On Line
- National Fire Protection Association (NFPA) National Fire Codes – On Line
- International Code Council (ICC) – On Line
- National Fire Sprinkler Association – NICET Level 2 Review Seminar
- Fire Inspectors Fire Protection Systems Inspection, Testing & Maintenance Training Seminar

In addition to regular duties, Inspector/Firemedic Ron Cielek received his OSFM Fire Officer I & Fire Officer II Provisional Certifications. FM Cielek also served as CFPD liaison with Vernon Hills High School, assisted on Child Care seat installations and completed the following training activities:

- Northern Illinois Fire Sprinkler Advisory Board (NIFSAB) – NFPA 13D Residential Fire Sprinkler Seminar 2007
- OSFM Management III
- OSFM Management IV
- National Fire Sprinkler Association – NICET Level 2 Review Seminar
- Fire Inspectors Fire Protection Systems Inspection, Testing & Maintenance Training Seminar
- Critical Incident Protocol training – Evacuations of Big Business
- Kitchen Hood and Service Station/Auto Repair Inspections Seminar – Inspectors Safety Programs 9/13 & 9/14
- Completed two additional courses at CLC towards Associates Degree in Fire Science

In addition to regular duties, Inspector/Firemedic Phil Obos was an active member in the Lake County Fire Honor Guard, a member of special response Haz Mat & Underwater Dive teams and completed the following training activities:

- Kitchen Hood and Service Station/Auto Repair Inspections Seminar – Inspectors Safety Programs 9/13 & 9/14
- Attended (Fire Department Instructors Conference) FDIC - Indianapolis, IN 4/16 through 4/20

The Fire Prevention Bureau Team is experienced and dedicated to meet the challenges and complete the Fire Prevention Division's programs for 2008.

INSPECTIONS

The Fire Prevention Bureau completed its goal to inspect and seek compliance in all the District's occupancies including commercial, educational and residential. All educational occupancies were inspected in the spring and fall. A number of the larger assembly occupancies were inspected at six-month intervals. Inspectors conducted special inspections throughout the year for special events such as fireworks shows, Summer Celebration in Vernon Hills and Mall promotions.

There were 4,594 Bureau inspection activities recorded in 2007 which is 147 less inspection activities than 2006. The reduction is attributed to the need for less re-inspections and telephone follow-ups.

Major 2007 field inspection results included 3,294 routine inspections to existing occupancies, 929 construction inspections (CO/ fire sprinkler/fire alarm) and 371 hydrant inspections/flow tests. 3,593 total hours were dedicated to inspection activities. This is 553 more hours than 2006. New construction and remodel projects accounted for 773 hours or 22% of the total inspection hours. All new and modified fire sprinkler/suppression and fire alarm detection system devices were inspected. There were 218 sprinkler/suppression system and 72 fire alarm inspections.

Inspectors averaged six field inspection activities per day in addition to other activities.

Inspectors spent 23 hours witnessing 34 fire drills at area schools and day care facilities in accordance with state requirements.

Table 1 shows the types of inspections and the percentages of time required for each category. The number of non-inspection activities such as plan reviews, meetings, training, etc, is represented in **Table 2**.

Table 1: Type of Inspection, 2007

<u>Type of Inspection</u>	<u>Number</u>	<u>Hours</u>	<u>% of Time</u>
Routine Maintenance	1,189	655.61	8.32%
Re-Inspection	365	134.39	1.70%
Re-Inspection/Telephone	296	109.67	1.39%
Under Construction	368	191.15	2.42%
Pre-Occupancy-Final	271	236.51	3.00%
Suppression System	218	237.01	3.01%
Fire Alarm System	72	107.58	1.37%
Fire Alarm/In-Service	369 (226)	350.01	4.44%
Complaints	58	45.36	.58%
Water Supply	371	236.87	3.00%
Miscellaneous	386	326.18	4.14%
All Other Inspections	631	962.74	12.21%
Total	4,594	3,593.08	45.58%

Table 2: Summary of Other Activities, 2007

Other Activities	Number	Hours	% of Time
Data Processing	656	1,267.00	16.07%
Meeting	176	305.33	3.88%
Plan Reviews	326	403.07	5.12%
Office/Miscellaneous	12	30.05	.38%
Vacation/Sick	77	689.50	8.75%
School Training	326	720.23	9.14%
Emergency Calls	47	44.50	.57%
Shift Detail	58	113.50	1.44%
Special Detail	576	714.74	9.07%
Total	2,254	4,289.92	54.42%
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Totals for Tables 1&2	6,848	7,883.00	100.00%

Figure 1 represents a combination of all Bureau inspections along with other activities. Total inspections accounted for 46% of Bureau time. 54% of time was spent in other activities. Other activities represent a 2% increase compared to 2007.

Figure 1: Summary of Time Spent, 2007

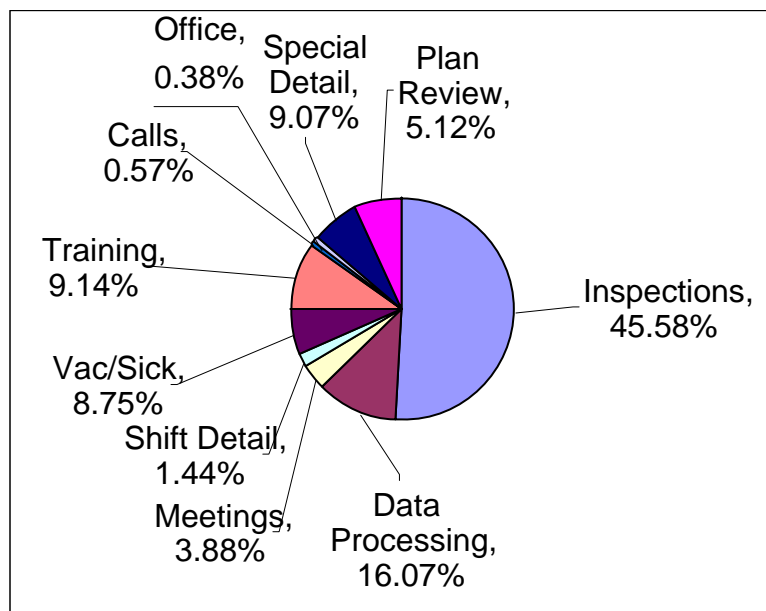


Table 3 represents the top ten violations cited during routine occupancy inspections. The top ten violations accounted for 49% of the total violations cited. Out of 1,189 routine, annual and semi-annual inspections, 468 occupancies (40%) had “no apparent violations”.

Table 3: Top Ten Violations, 2007

Rank	Violation Type	Number	% of Total
1	EMERGENCY LIGHT BATTERY REPAIRS NEEDED	205	9.50%
2	REPLACE EXIT SIGN BULBS	179	8.29%
3	REPLACE EXIT SIGN BATTERY	158	7.32%
4	FIRE EXTINGUISHER SERVICE NEEDED	136	6.30%
5	REMOVE STORAGE FROM STAIR / AISLES	128	5.03%
6	FIRE ALARM ANNUAL TEST REPORT NEEDED	78	3.61%
7	OBSTRUCTING ELECTRICAL PANELS	66	3.50%
8	SPRINKLER ANNUAL TEST REPORT NEEDED	50	2.31%
9	EMERGENCY LIGHT BULBS	41	1.09%
10	REPAIR DRYWALL HOLES / CRACKS	40	1.15%
	TOTAL TOP 10 VIOLATION CATAGORIES	1078	49.97%
	TOTAL FOR ALL OTHER CATEGORIES	1079	50.03%
TOTAL CODE VIOLATIONS FOR 2007		2,157	100.00%

The Fire Prevention Bureau serves four municipalities and parts of unincorporated Lake County.

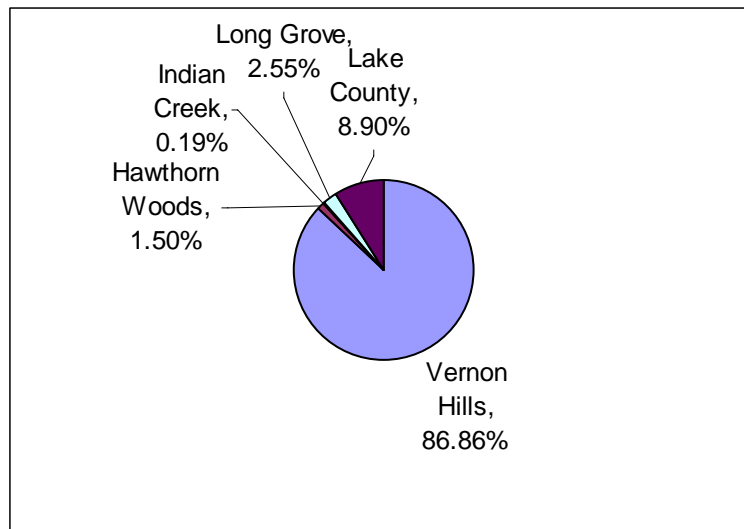
Table 4 shows the Bureau activity distribution of each jurisdiction in number, hours and percent of time spent. Vernon Hills accounted for 5,599 bureau activities, which represented 86.86% of time spent. Figure 2 represents the amount of time logged in each municipality and unincorporated Lake County.

Number of inspections and hours spent conducting inspections increased over 2006 for unincorporated Lake County due to residential sprinkler system requirements, fire investigations, complaints and enforcement issues.

Table 4: Fire Prevention Bureau Activities by Municipality, 2007

Name	Number	Hours	% of Time
Hawthorn Woods	142	118.3	1.50%
Indian Creek	23	15.26	.19%
Long Grove	275	201.10	2.55%
Lake County	809	701.34	8.90%
Vernon Hills	5,599	6,847	86.86%
Total	6,848	7,883.00	100.00%

Figure 2: Percent of Time Logged in Each Municipality & Lake County, 2007



New buildings/major additions in 2007 were:

- Fremont School District #73 – **New** 6,544 sq ft Bus Maintenance Facility Building
- Fremont School District #73 – **New** 118,456 sq ft two story Intermediate 3-5 Grade School Building
- Fremont School District #73 – 17,102 sq ft addition to the Kindergarten through 2nd Grade School Building
- Fremont School District #73 – 114,667 sq ft major renovation to the Middle School which included providing sprinkler protection to all areas and the addition of 5,000 gallon water tank
- Hawthorn Woods Aquatic Center – **New** 3,000 sq ft building and pool
- 19/21 Cedar Court 3 Story Condo Building – Fire restoration project which included installation of a new fire alarm system and the first 13R residential sprinkler system in the Village of Vernon Hills
- Aspen Pointe Residential – **New Town Homes** with residential sprinkler systems
- Hawthorn Woods County Club – **New Town Homes** with residential sprinkler systems and fire alarms
- TJ Maxx – 701 Milwaukee Ave. #252 – 24,947 sq ft interior alterations
- CDW – 200 Milwaukee Ave. – 80,000 sq ft interior alterations
- Deerpath Office Park – 706/708 Deerpath Dr. – 52,400 sq ft remodel project
- Diamond Blade Office/Warehouse – 588 Lakeview Pkwy. – 28,977 sq ft interior alterations
- Harlem Furniture – 701 Milwaukee Ave. #300 – 50,000 sq ft expansion/remodel project
- Westfield Hawthorn Shopping Mall major remodel projects included: JC Penny (4 HC 144,300 sq ft), Macy’s (1 HC – 3,402 sq ft), Vision Works (419 HC – 3,395 sq ft), Bath & Body Works (225 HC – 3,500 sq ft), Foot Locker (228 HC – 2,949 sq ft), Lady Foot Locker (716 HC – 1,782 sq ft), Victoria Secret (222 HC – 12,000 sq ft)

- Baxter Credit Union (Old Washington Mutual 4 Story Building) – 340 Milwaukee Ave. – 102,037 sq ft build-out involving all four floors
- Visiplex – 100 Fairway Dr. #122 – 13,000 sq ft interior alterations to office and warehouse
- IREA 60 – 700 Milwaukee Ave. #128 – 3,870 sq ft restaurant remodel project
- Dollar Tree (Old Walgreens Space) – 250 Hawthorn Villages Commons – 11,541 sq ft interior alterations
- Bytronics – 150 Fairway Dr. #156/158 – 12,352 sq ft interior alterations to office and warehouse
- Baxter Credit Union (Old Komatsu Building) – 440 Fairway Dr. – 80,000 sq ft remodel project
- The Physician Center – 565 Lakeview Pkwy. – 4,000 sq ft demolition and build-out of the corridors and common areas in the east wing of the building
- Carson Pirie Scott & Co. Furniture Store – 480 Ring Rd. – 47,500 sq ft remodel project for new tenant
- Office Depot – 701 Milwaukee Ave. #304 – 26,010 sq ft interior alterations
- Roadster Shop – 28775 Hwy 83 - 25,320 sq ft remodel project for a new specialized auto repair/assembly shop
- Vernon Hills Police Communication Center – 740 Lakeview Pkwy. – 13,457 sq ft remodel project
- Unique Homes – 200 Fairway Dr. #194 – 5,000 sq ft interior alterations
- Pepe’s Mexican Restaurant – 281 Townline Rd. – 3,250 sq ft new restaurant in Aspen Pointe Complex
- Sports Authority – 155 Townline Rd. – 44,522 sq ft interior improvements
- Family Christian Stores (Formerly Slate Street Billiards) – 700 Milwaukee Ave. #139 – 7,809 sq ft new tenant remodel project
- Washington Mutual – 75 Fairway Dr. – 32,563 sq ft remodel project for new tenants

Five (5) existing occupancies replaced their old fire alarm control panels with new state of the art addressable panels. Those occupancies with new panels are: Hawthorn Lakes, JC Penny, Famous Dave’s Restaurant, Fisher Burton Landscaping and A. Daigger Company.

CFPD Communication Center completed their second year and is now monitoring 398 fire alarms. CFPD received a total of \$34,168 in 2007 from ADT for monitoring the fire alarms.

Inspectors responded to 143 fire alarm problems which was the same amount as 2006. Duty crews responded to 602 false fire alarm calls, the bulk of which were for residential.

The Bureau has been working with ADT on improving installation and repair service for our fire alarm customers. ADT has created a new Customer Service Representative position to handle strictly municipal related customer service requests which should help better serve our customers.

PLAN REVIEWS

A total of \$170,607 was invoiced for plan reviews, new/existing construction inspections, operational permits, fines and other fees.

Plan reviews and field inspections focused on life safety, fire code compliance and good fire safety practices in all new and existing building construction.

326 plan reviews were completed in 2007 for 118 new and existing construction projects covering 1,359,109 sq. ft. of new construction or remodel projects. This is an increase of 30 plan reviews and 418,154 sq. ft. over 2006.

New commercial buildings and tenant alterations required 929 inspection activities before receiving a final certificate of occupancy. This involved a total of 773 hours.

Table 5 illustrates the 2007 plan reviews by type. The largest number of reviews was for building/remodel and suppression systems. These two categories accounted for 255 reviews or 78% of the total reviews. They accounted for 314 hours (78%) of the total review hours.

Table 5: Plan Reviews by Type, 2007

Type of Plan Review	Number	Hours	% Time
Technical	7	8.75	2.17%
Subdivision/Plat	14	15.48	3.84%
Building/Remodel	133	154.17	38.25%
Suppression System	122	160.17	39.74%
Fire Alarm System	39	52.50	13.02%
Mechanical System	3	5.00	1.24%
Other	8	7.00	1.74%
Total	326	403.07	100.00%

Bureau personnel worked together with officials from village building departments in Vernon Hills, Hawthorn Woods, Long Grove and Indian Creek, Lake County Building Department, School District's and the Office of the State Fire Marshal throughout the year.

Bureau personnel promoted the installation of sprinkler coverage for single and multi-family homes with village officials, site developers and home owners.

Residential sprinkler systems were installed in 43 new single & multi-family District homes.

Bureau personnel attended Home Owner Association Meetings and conducted existing residential sprinkler system inspections when requested by the home owner.

FIRE INVESTIGATION ORIGIN & CAUSE

29 fire investigations were completed by Bureau fire investigators. The number one fire incident type investigated was building structure fire at 21. The second most investigated fire type was vehicle fire at 4.

The District recorded one fatality in 2007 involving a vehicle fire in a secluded driveway of Hawley Street in unincorporated Lake County. CFPD was not notified of the fire by Lake County. The investigation was conducted by the Lake County Sheriff's Department and OSFM.

150 fire investigation activities were logged by investigators for a total of 256.5 hours in 2007.

Table 6 shows 2007 total fire dollar loss was \$1,469,895. Five (5) fires resulted in \$1,327,000 or 90% of the total loss.

Total dollar value saved in 2007 was \$25,584,125.

Table 6: Fire Analysis by Incident and Dollar Loss

Incident Type	Count	Total Values	Total Losses	Total Saves	% Lost	% Saved
BUILDING FIRE	21	\$24,845,425	\$1,435,700	\$23,409,725	5.78%	94.22%
PASSENGER VEHICLE FIRE	4	\$48,995	\$31,995	\$17,000	65.30%	34.70%
COOKING FIRE	2	\$480,300	\$600	\$479,700	0.12%	99.88%
FUEL BURNER / BURNER DUMPSTER OR OTHER	2	\$1,010,300	\$600	\$1,009,700	0.06%	99.94%
OUTSIDE FIRE	1	\$1,000	\$1,000	\$0	100.00%	0.00%
ARCING, SHORTING	1	\$693,000	\$25,000	\$668,000	3.61%	96.39%
Total	31	\$27,079,020	\$1,494,895	\$25,584,125		96.70%

TOTAL % LOST: 3.30%

Table 7: Area of Origin Analysis

Incident Area	# Of Fires	% Fires
ENGINE AREA, RUNNING GEAR	6	10.16%
BEDROOM - < 5 PERSONS	4	6.77%
OUTSIDE AREA	4	6.77%
HIGHWAY, PARKING LOT, STREET	4	6.77%
LAUNDRY / UTILITY ROOM	3	5.08%
EXTERIOR BALCONY, UNENCLOSED PORCH	3	5.08%
WALL SURFACE; EXTERIOR	3	5.08%
COOKING AREA, KITCHEN	2	3.38%
VEHICLE AREA, OTHER	2	3.38%
BATHROOM, CHECKROOM, LAVATORY, LOCKER	2	3.38%
OTHERS	21	44.15%
Total	59	100.00%

Table 8: Cause of Ignition Summary

Incident Cause	Number	%
UNINTENTIONAL	21	35.59%
FAILURE OF EQUIPMENT OR HEAT SOURCE	10	16.94%
CAUSE UNDER INVESTIGATION	8	13.55%
OTHER	8	13.55%
CAUSE UNDETERMINED AFTER INVESTIGATION	6	10.16%
ACT OF NATURE	4	6.77%
COMBUSTIBLES TO CLOSE TO OPERATING	2	3.38%
Total	59	100.00%

The Bureau reviewed fire NFIRS incident reports for accuracy, reported losses, origin/cause and insurance information.

Bureau investigators continued to work with village/county building officials, Lake County Sheriff Department, OSFM, insurance agencies and the affected victims in investigating and handling post-fire related items.

Fire investigators attended required training by attending outside seminars, attending monthly Fire Investigation Strike Force meetings and logged field fire investigations to maintain certification through OSFM.

The Bureau effectively worked with its neighboring fire departments, OSFM, ATF, law enforcement and other related agencies in the determination of the origin and cause of fires within the District. In a cooperative investigation with OSFM, ATF and the Village of Vernon Hills Police Department, a fire investigation resulted in the arrest and conviction of an individual responsible for three separate arson fires in Vernon Hills (SRA/CLC Park District Building, Petal Peddlers & Angelo's Restaurant). Fire Marshal Mike McNally worked with the Lake County States Attorney's office testifying at another arson trial 2007 involving a 2005 fire in the West Shore Park Subdivision. While Lake County was not successful in obtaining a conviction on the West Shore Park case, due to the inconsistency and credibility of one of the witnesses, the message was sent to all involved that CFPD will aggressively pursue arson convictions.

The Bureau reported fires with preventable causes to OSFM, NFPA, and the United States Consumer Products Safety Commission. Fire Prevention messages were highlighted in the District's newsletter, "Lights, Sirens, Action", CFPD WEB site and cable Public Station TV videos. For example, fire safety messages were communicated to residents on the increasing number of fires due to older dirty bathroom ceiling exhaust fans and actions to be taken to avoid these types of fires.

The fire investigation team purchased new digital cameras, new evidence collection kits and other equipment for use in fire investigations.

CFPD Juvenile Fire Setter Counselors conducted six evaluation and counseling sessions with youths and their parents. Firemedic John Sherwood completed a Juvenile Firesetter Workshop co-sponsored by the IFIA and NIFIA.

THE FOLLOWING FIVE (5) FIRES RESULTED IN \$1,327,000 OR 90% OF THE TOTAL DOLLAR LOSS IN 2007:

#1

Date: 8/03/07
Address: 21000 Block of Hwy 60 Mundelein
Type of Occupancy: Residential – Single family
Type of Construction: Wood Frame
Incident Type: Structure Fire – Two exposures
Estimated Loss: \$425,000
Exposure 1: \$20,000
Exposure 2: \$275,000
Area of Origin: Northwest section of the structure
Cause: Still under investigation



Fire Origin – Single family home under construction.



1st Exposure – Radiant heat damaged this pole barn.



2nd Exposure – Embers dropped down onto pine needles in the gutter of this single family home.

#2

Date: 12/07/07
Address: 60 Block of Monterey Drive, Vernon Hills
Type of Occupancy: Residential – Single family
Type of Construction: Wood Frame
Incident Type: Structure Fire
Estimated Loss: \$275,000
Area of Origin: 2nd Floor Bedroom
Cause: Misuse of smoking materials igniting a mattress



#3

Date: 7/28/07
Address: 300 Block of Aqua Ct, Vernon Hills
Type of Occupancy: Residential – Single Family
Type of Construction: Wood Frame
Incident Type: Structure Fire
Estimated Loss: \$175,000
Area of Origin: Bedroom Fire
Cause: Arcing fault from energized electrical wire igniting a mattress



#4

Date: 9/22/07
Address: 25,000 Block of Marilyn Lane, Hawthorn Woods
Type of Occupancy: Residential – Single Family
Type of Construction: Wood Frame
Incident Type: Structure Fire
Estimated Loss: \$87,000

Area of Origin: Northwest corner of the garage
Cause: Epoxy paint vapors that had settled inside a generator compartment igniting from a spark when the generator started for its weekly test.



#5

Date: 3/05/07
Address: 900 Block of Westmoreland Dr, Vernon Hills
Type of Occupancy: Residential – Multi-Family (24 unit)
Type of Construction: Wood Frame
Incident Type: Structure Fire
Estimated Loss: \$70,000
Area of Origin: Bathroom
Cause: Misuse of smoking materials



WATER SUPPLY

Water supply systems were tested and reports completed to support fire suppression and the planning process. Water flow and inspection results were communicated to all interested parties to assure adequate water supply systems were maintained.

371 wet and dry drafting hydrant inspections were conducted in 2007. This accounted for 237 hours. There were 166 water flow tests conducted in 2007.

Two (2) new dry drafting hydrants were installed in 2007. The first dry drafting hydrant was installed at 21797 Hwy 176 (across from the Hwy 176 entrance to Ivanhoe Estates) for the new Pine Grove Equestrian Center. The second was installed at 5 Greenbrier Lane in Hawthorn Woods. CFPD divers cleaned sediment and sludge from the dry drafting hydrants on Arrowhead Drive and Bellows property off Hwy 60.

61 dry drafting hydrants are now located throughout the District to provide water in our rural areas. Our District currently has a rural water supply amounting to 85% coverage at 2,000 feet and 90% coverage at 3,000 feet.

Inspectors Ron Cielek and Phil Obos put a fresh coat of paint on all dry drafting hydrants. Additional location signs will be added in 2008.

Average water flow test results 2007:

Lake County/Municipal Systems

Vernon Hills	3,100 gpm
Hawthorn Woods	916 gpm
Indian Creek	2,800 gpm
Countryside Lakes Subdivision	880 gpm
Indian Creek Club of Long Grove	982 gpm

Private Water Supply Systems

Fields of Long Grove	DO NOT USE/FOR SYSTEM FLUSHING ONLY
Ivanhoe Estates	1,500 gpm
Preserves of Long Grove	990 gpm
Prairie Trails of Long Grove	503gpm
Ravenna	990 gpm
Royal Melbourne	500 gpm
West Shore	700 gpm



Painted all 61 dry hydrants in 2007

INFORMATION TECHNOLOGY SYSTEMS

2007 ANNUAL REPORT



Through continued full-time support in the Information Technology Systems division and use of cost-effective solutions, the District was able to make major improvements in its systems and operations without a negative financial impact on our customers, the taxpayers.

STAFFING

- Full-time, in-house ITS support was provided by the Information Technology Systems Supervisor through September 2007 when then Supervisor Summerville resigned. A replacement was found and scheduled to start in January 2008. Interim support was provided by Firemedic Schramm and the District's outside computer support firm.
- ITS Supervisor provided 24/7 on call support by phone, remote server connection or on-site service.
- An outside computer support firm was available for additional support on an as-needed basis.

BUDGET

- The Fiscal 2006-2007 data budget was set at \$92,002.44. This represents projects that needed to be implemented for replacement, maintenance and upgrades as well as additional equipment.
- The Fiscal 2006-2007 telecommunications budget was set at \$91,830.00.

EQUIPMENT

- The Dell leases with included service and support continued to minimize maintenance time.

COMPUTER NETWORK

- The fixed point-to-point wireless system that connects the two stations was taken out of service in late 2007. The system was picking up interference from a new system installed

in the area of Station 1. Research for a new system in a different frequency range reserved for public safety is in process.

- A dedicated point-to-point T1 between the two stations is in place primarily providing connectivity to the phone system. This T1 also provides fail-over service for network traffic in the event the wireless system does not work and has been doing so since the wireless system was taken out of service.
- Work on an intranet system for District personnel continues. The system is intended to consolidate information currently stored in multiple systems into one central access point.

SOFTWARE APPLICATIONS

- An annual maintenance contract was purchased for Firehouse, the District's records management system. An interface with the Enroute CAD system is in place; however, additional configuration needs to be done to the system.
- District personnel continued to play a critical role in the design and implementation of electronic reporting systems for the new Condell Medical Center EMS System.
- Group 1 mapping system application continues to be used. A project was started to ensure that all available preplan information is attached to the Group 1 map. Future plans include integrating the system with the Enroute CAD system.

INTERNET ACCESS & WEB PRESENCE

- A dedicated T1 line is in place for internet access.
- The District's website, www.countrysidefire.com, is also served through the T1.

TRAINING

- Training was provided by the ITS Supervisor to personnel as needed on the Firehouse reporting system, other software systems in place, and the District's Electronic Communications Systems Use policy.

INTERDEPARTMENTAL ASSISTANCE

- The ITS Supervisor remained involved with the area Firehouse Users Group (FHUG).

PAGING SYSTEM

- The District changed its alphanumeric paging vendor over customer service issues. The new provider was found to have inadequate signal coverage in the area. Service was moved back to the original provider. The change did not have any effect on the District's ability to provide service to its customers.

TELEPHONES

- The new Station 1 facility was incorporated into the existing phone system linked by a dedicated T1 between the two stations. This unified phone system provides seamless call handling between the two stations.

FUTURE PLANS

- New ITS Supervisor Dinsch is developing plans to standardize equipment and configurations throughout the organization providing for greater ease of use and reduced maintenance.
- A new wireless point-to-point system is being researched.
- A repeater system for Nextel and cellular systems is being planned for both stations to provide more reliable wireless communication.
- Opportunities will be evaluated for possible cost savings across all systems with care taken to ensure that any changes would have no negative impact to the District's ability to serve its customers.

MAINTENANCE DIVISION

2007 ANNUAL REPORT



The Countryside Fire Protection District's Maintenance Division encompasses many areas involving apparatus and the tools carried on them. The Countryside Fire Protection District's Maintenance Division follows standards set by several agencies including NFPA, IDOT, and manufactures such as Ford, Pierce, Hurst, Amkus, and Metz. These standards set minimums for new purchases, regular and emergency service, and vehicle safety. It is the Maintenance Division's goal to exceed standards whenever possible.

1. Administration & Staffing

- Captain Michael Hodges – Area Coordinator
- Lieutenant Tony DeRose – Vehicles
- Lieutenant Brian Garrity – SCBA & Equipment
- F/M Pat Michelau – Equipment
- F/M Phil Obos – Monitors
- F/M Tony Rodkey – Hose & Ladders
- F/M Pete Wolowic – Vehicles

2. Apparatus & Vehicle Maintenance

- A new 2008 Ford Expedition was purchased to be used by the Fire Chief. It was numbered 4190. Old 4190 (2004 Ford Explorer) was renumbered 4191 and assigned to the Assistant Chief of Operations. Old 4191 (2004 Ford Taurus) was renumbered 4198 and assigned to Public Education. Old 4198 (2000 Ford Explorer) was deemed surplus and should be sold in early 2008.
- 4130 (1981 Pierce Arrow 104' Aerial truck) was deemed surplus and should be sold in early 2008.



- All pump apparatus passed annual pump test at Wirfs Industries in accordance with NFPA standards.
- Aerial 4131 passed annual inspection performed by Metz USA.
- Aerial 4130 passed annual inspection performed by UL.
- All ambulances passed their annual inspections at Wirfs Industries.
- All ambulances passed safety lane inspections.
- The refurbishing of the ambulance bodies project was completed in 2007. Corrosion and minor imperfections were repaired. Hinges around doors and compartments, as well as metal fender skirts were removed and cleaned. New paint and decals were completed.

- Chevrons were added to the rear of the ambulances for roadway safety.
- Annual vehicle budget was greatly taxed due to large unexpected repairs to hose tender 4118 and truck 4130. Pending sale of 4130 & 4198 is expected to offset those costs.



- Trailer 4155 was reassigned to respond for salvage, rehab, and traffic control. It is now equipped with tarps, wet vacs, and tools for salvage. Bottled water for rehab of firefighters at large incidents, and traffic control cones.
- All emergency response vehicles housed at either station have scheduled checks completed every day, with more thorough checks completed on a weekly basis.

3. Self Contained Breathing Apparatus (SCBA)

- 48 New Firehawk 4500 air packs were placed in service with the 2006 U.S. Department of Homeland Security Assistance to Firefighters Grant.
- 85 Individual Ultra Elite Masks with heads up display placed in service with the 2006 U.S. Department of Homeland Security Assistance to Firefighters Grant.
- 6000 psi breathing air compressor placed in service at station 2 with the 2006 U.S. Department of Homeland Security Assistance to Firefighters Grant.
- Air One continues to provide quarterly breathing air testing, annual flow testing of air packs and masks, service and repairs for air packs and compressor.
- Annual mask fit tests were again completed in house.



4. Equipment

- New Amkus Rescue Tool set placed in service on squad 4151, acquired through the Commercial Equipment Direct Assistance Program (CEDAP) grant. Includes power unit, 2-30' hoses, spreader, cutter, and 30" ram.
- Additional Amkus Rescue Tools budgeted, purchased, and placed in service by the District included a 100' hose and power reel, 20" & 60" ram, and adjustable chain package.
- Annual maintenance on extrication equipment, generators, small tools, and saws is done in accordance with all manufacturers' recommendations.
- All air quality monitors were maintained and calibrated quarterly by Air One.



- Budgeted and purchased three 24 month single gas CO monitors for the ambulances.
- Placed into service on 4193 a radiological monitor purchased through MABAS.
- Budgeted and purchased a mercury spill kit for 4193.

5. Hose & Ladders

- All hose is tested annually by the shifts in accordance with NFPA standard.
- All ground ladders had annual testing completed by UL in accordance with NFPA standard.
- Shift personnel provided routine cleaning and maintenance on all ground ladders twice a year.
- Following the five year plan, 1000' of 5" and 700' of 2-1/2" hose was purchased to replace older hose.

PUBLIC EDUCATION DIVISION

2007 ANNUAL REPORT



The 2007 Public Education Division annual report provides a summary of the programs used to communicate fire safety, life safety and injury prevention messages throughout the Countryside Fire Protection District (CFPD). CFPD is dedicated to providing educational programs in the schools which include nine pre-schools/daycare facilities and fifteen schools in four school districts; businesses such as Westfield Shopping Center, CDW, and American Hotel Register; the communities of Vernon Hills, unincorporated Mundelein, Long Grove, Hawthorn Woods and unincorporated Lake County within our fire district. Programs offered include:

Community Programs

Block Party Requests

Countryside Fire Website

Child Car Seat Installations/Safety Checks

First Aid, CPR & AED Courses

Fire Extinguisher Training

Firefighter for a Day

Lights, Siren, Action Newsletter

Monthly Fire Safety Video Clip with Channel 4 News

Open House

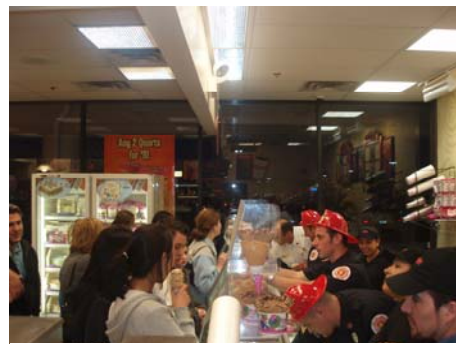
Parade-4th of July Handouts

Smoke Alarm Giveaway

Station Tours



2007 Retiree Spaghetti Dinner



Baskin Robbins National Fallen Firefighters Fundraiser

School Programs

Pre-School—Fireman Friendly

1st Grade—Join My Fire Safety Club

2nd Grade—Where There's Smoke There's Science

3rd Grade—Be Cool About Fire Safety

4th Grade—The Great Escape Challenge

5th Grade—The Smoke Alarm Show

6th Grade—Sprinklers Save Lives (Live Demonstration)

7th Grade—Fire's Fury

8th Grade—CPR in the Schools

High School—CPR in the Schools, PRE-PROM, Fire Service Career, Holiday Fire Safety



Countryside & Libertyville Firemedics performing extrication during Pre-Prom

In 2007 the District created a full-time position within the Public Education Division. The Public Education coordination had been an area of responsibility for various members on shift in past years. Lt. Ron Neubauer directed public education programs while on duty with Black Shift from January 1 to June 1.

On June 4, Firemedic (FM) Tony Rodkey departed Black Shift and was appointed as the first full-time Public Education Coordinator working as day staff in the Fire Prevention Bureau. FM Rodkey had been involved with the Public Education programs while on shift for the past seven years and utilized Lt. Neubauer and Lt. Smith (former coordinators) to facilitate a smooth transition.

FM Rodkey supports the Fire Prevention Bureau duties, shift coverage for Fire/EMS calls, and directs all Public Education programs with support from CFPD personnel.



Public Education Coordinator Rodkey

The support of many team members has led to the success of the Public Education Division. The following members have led, assisted, or participated in fire safety programs and demonstrated the true spirit of the Countryside Fire Protection District throughout 2007.

Firefighter Robert Abrahams
Captain Ken Arnswald
Inspector Ron Cielek
Firemedic Mike Dovel
Firemedic Rodney Edwards
Firefighter Rob Elkins
Firefighter Jeff Haug
Assistant Chief Kris Kazian
Firemedic Jason Lock
Fire Marshall Mike McNally
Lieutenant Ron Neubauer
Firemedic Harry Nickel
Inspector Phil Obos

Firefighter Larry Ofiara
Firemedic Jessica Petska
Firemedic Mike Prosi
Firefighter Danny Roark
Firemedic Tony Rodkey
Firefighter Tim Scardina
Firemedic Joe Schramm
Firefighter Joel Severin
Firemedic John Sherwood
Firemedic Mark Skala
Lieutenant Chuck Smith
Firemedic Melissa Sosnoski
Firemedic Bill Wolff



GMLV Holiday Safety Mixer at Station #1.



FM Dovel provides a station tour.

Firemedic Mike Prosi has continued to provide support as liaison to the American Heart Association (AHA) for the CPR program. In 2007 our program conducted 85 CPR/AED/First Aid courses and certified 1,441 people, including 956 eighth grade and high school students. There was a 3% increase in citizens certifying over the previous year. In 2006, there was a monthly class, and in 2007 two monthly classes were held. Since the 2007 implementation of two monthly classes has not significantly impacted the number of residents certified while increasing manpower requirements, CFPD will return to a single monthly class for 2008. The fee structure was raised to \$50 per participant in 2007 due to AHA requirements which includes a text book and facial barrier. A total of \$7,240 in fees was collected. The cost of the class remains competitive with current pricing in the county. CFPD continues to provide CPR training to local government entities free of charge. The Vernon Hills High School staff will be taking over the CPR classroom instruction portion next year, and CFPD will evaluate and certify the students who completed the classroom requirements, as we do for the eighth grade program.

The following instructors contributed to the success of the CPR program including six new American Heart Association instructors:

Bob Abrahams-Certified 2007

Mike Dovel

Rodney Edwards

Ron Neubauer-Certified 2007

Harry Nickel-Certified 2007

Larry Ofiara

Mike Prosi

Chris Reynolds

Bill Wolff

Danny Roark-Certified 2007

Tony Rodkey

Joel Severin-Certified 2007

John Sherwood

Melissa Sosnoski-Certified 2007

Jeff Thier



Firemedic Mike Prosi teaching a CPR class.

Firemedic Mark Skala provided oversight for the Car Seat Safety program. There were a total of 288 car seats installed in 2007. This was an 18% increase from the 244 installations the previous year. CFPD participated in a car seat checkpoint hosted by Dominick's Finer Foods in June 2007. Car Seat Technicians who contributed to keeping the children safer include:

Captain Ken Arnswald	Firemedic Dan Ogurek
Inspector Ron Cielek	Firemedic Mark Skala
Firemedic Mike Dovel	Lieutenant Chuck Smith
Firemedic Rodney Edwards	Firemedic Melissa Sosnoski
Firemedic Jason Masheris	Lieutenant Kevin Wodrich
Captain Ed Heinz	Lieutenant Tony DeRose

The 2007 Fire Safety program was delivered to thirteen of fifteen public schools from September through December. The other two schools committed to allowing our personnel to deliver the program in early spring of 2008. There was a 29% increase in student contacts. Last year 6,116 students in 10 schools received a CFPD contact and this year there were 7,908 students in thirteen schools that were reached by CFPD. This demonstrates CFPD's continuing goal to reach more students and to provide the education to prevent a fire or react to a life altering occurrence. By providing a CFPD member at the school visits, the students gain a familiarity to our agency and recognize the importance of the message. The goal of reaching each student twice a year versus at least once a year is challenging, but attainable and continues to motivate the Public Education Division for 2008.

Visits to our nine preschool / daycare agencies are a Show and Tell by Engine and/or Ambulance shift personnel. Preschool-aged children also visit the firehouse for scheduled tours provided by on-duty shift personnel. This is another method used to gain a personal connection while the children learn the dangers of fire. There were 29 tours given to 948 participants. Keep in mind Station One was out of service until July 16. These figures are equal to last year. Another great job by all staff members involved.

CFPD was requested to attend eighteen block parties throughout the district. Approximately 1,315 contacts were made within the various communities. Events categorized as large block parties included YMCA Summer Fest, Long Grove in the Park Day, and the Sylvan Lake Fall Fest and which led to a 75% increase of block party participant contacts.



There were approximately 6,000 citizen contacts made through 39 various special events that CFPD led, assisted with, or participated in throughout 2007. This included only one more special event than

last year; however, a contact increase of 9% was made in life safety messages. Examples of the special events CFPD was requested to assist with include: Kid's Club at Westfield Shopping Center, Home Depot Safety Day, National Night Out with Vernon Hills Police Department, Camp I Am, Lake County Safety EXPO, Metra Train Safety Blitz, Lake County Fair Firehouse, Vernon Hills Park District Fall Fest and the GMLV Chamber of Commerce Holiday Safety Mixer. These types of events are an excellent opportunity to show our fire district residents our commitment to maintaining a very positive and visible relationship with the community and the county fire service.

The Internet Fire Safety program saw a decline in participation again in 2007 due in large part to technical difficulties with the website. We experienced delays in scheduled activities while the website was down for three months, and the interest from the schools declined accordingly. There were 440 people (114 families) registered for the Internet program. Of those, only 234 were school-aged children, which represent less than 3% of the CFPD school population children we see. Of those 234 students, only 40 of them completed any of the activities that were sent via e-mail after they completed the online registration. The teams that signed up either lost interest or were not able to access the program due to the website reconstruction. We continued to follow the progress of active participants and named a winner. Miss Fields and her first grade Fremont Elementary class were repeat winners.

There were several prizes including a trip to the Schaumburg Flyers baseball game for each family of Miss Fields' class. The class participants received a baseball jersey with their name on the back and CFPD logo on front, Glacier Ice Arena ice skating certificates, Hawthorn Lanes bowling certificates, a pizza party in the classroom, and the Ice Cream Fest invitation. Miss Fields received a weekend at Candlelite Suites, dinner for two at TGI Friday's Restaurant, and a Schaumburg Flyers baseball jersey and a team autographed ball. The Ice Cream Fest held at Station Two concluded the Internet Fire Safety program for all participants. Ben & Jerry's in Vernon Hills donated the ice cream and Record A Hit donated the inflatable fire truck slide for the students. Zion Fire Department loaned us the "fireman's pole" for the participants to slide down. There were winners for the "Ride to School in a Fire Engine" from various schools which is always a favorite.



Open house kicks off the NFPA Fire Prevention Week, and this year's theme was "Practice Your Escape Plan." Our open house was very successful and paralleled the great year CFPD has had. Commonwealth Edison provided The Safety Rangers and their mascot Luey the Lightning Bug. Kidde Fire & Safety Company provided a representative and display, as well as

donated combination smoke and carbon monoxide alarms to CFPD for our giveaway program.

Fremont School District Transportation Division provided a school bus, and six school bus evacuation drills were conducted with open house participants.



Record A Hit Entertainment provided an inflatable “Pumper the Firetruck crawl through” for the younger children. In addition, The Illinois Fire Museum showcased one of their antique fire trucks. The weather was beautiful with sunshine and clear skies, which permitted all apparatus to be displayed on the front apron, while the annual Pancake Breakfast was held in the apparatus bays.



Approximately 500 residents came to the headquarters station, while less than 100 visited the new Station One. Countryside’s Cinders the Firehouse Dog also participated and was a big hit with the children. Due to a new medical facility under construction across the street from Station



Two, Flight for Life was cancelled. The district will continue to hold the open house on the Sunday of Fire Prevention Week. This event demonstrates the pride put into our facility, equipment and of staff while promoting life safety within a fun filled atmosphere.

The Special Education District of Lake County (SEDOL) applied for a FEMA grant and was awarded \$25,000 to purchase a House of Hazards. In working closely with John Powers School for the Hearing Impaired of the Hawthorn School District, CFPD was invited to participate in a Family Fire Safety Night. SEDOL provided a



trained instructor to demonstrate the House of Hazards, while we provided guidance for families making home escape plans. Sixty families registered for the event which included a pizza dinner, snacks, and beverages. Due to the high turnout, groups were rotated through the three activities.

SEDOL has offered any fire department/district free training and use of the House of Hazards to be used in SEDOL schools, which encompasses every school in our fire district. This tool represents cutting edge technology which will provide our special education students a real opportunity to learn how to prevent a catastrophe in the home.



2007 was a landmark year for the Public Education Division of CFPD due to the creation of the full-time Public Education Coordinator position, which not only brings the values of CFPD to the community but also assists with Fire Prevention Bureau duties and helps solidify shift coverage for EMS & Fire emergencies.



In recent years, the CFPD public education program had warranted a full-time position to meet the growth of the communities' demands and to meet its stated mission to "invest its personnel in the education of its public and the maintenance of a safe environment." 2007 proved to be another productive year with a total of 18,840 educational contacts for CFPD.

It is the goal of the Public Education Division to target high risk groups within the district and maintain current life and fire safety programs.

Objectives of the Public Education Division in 2008 will include: targeting senior citizens; doubling the visits to school classrooms, including special education; and increasing our connectivity to our local business community for their safety and support.

Public Education programs are vital to our district residents and affiliates within the community. The positive perception of Countryside Fire Protection District is reflected through the responses we receive from residents and the "talk on the street." The Public Education Division will continue to be successful by the constant true spirit of CFPD and its continued support from day staff, shift and part-time personnel.

TELECOMMUNICATIONS

2007 ANNUAL REPORT



Through the continued full-time support in Telecommunications the District was able to make major improvements in its services and operations.

STAFFING

The District currently has five (5) full-time employees including a Director, Coordinator, and three (3) telecommunicators. With the current call volume it is necessary to staff one telecommunicator per 12 hour shift. In times of high call volume/radio traffic, communications personnel are supplemented by the Director, the duty crew, and/or hire back personnel. All full-time personnel are Emergency Medical Dispatch (EMD) certified and are required to maintain CPR certification, knowledge of HAZMAT updates, and complete 12 hours of EMD continuing education per year.

The District also staffs three (3) part-time Emergency Medical Dispatchers who are required to maintain the same qualifications as the full-time staff. Countryside Communications added one new part-time telecommunicator in September of 2007 who will be attending Emergency Medical Dispatch training in March of 2008. Countryside Communications accepted the resignation of one part-time telecommunicator in 2007.

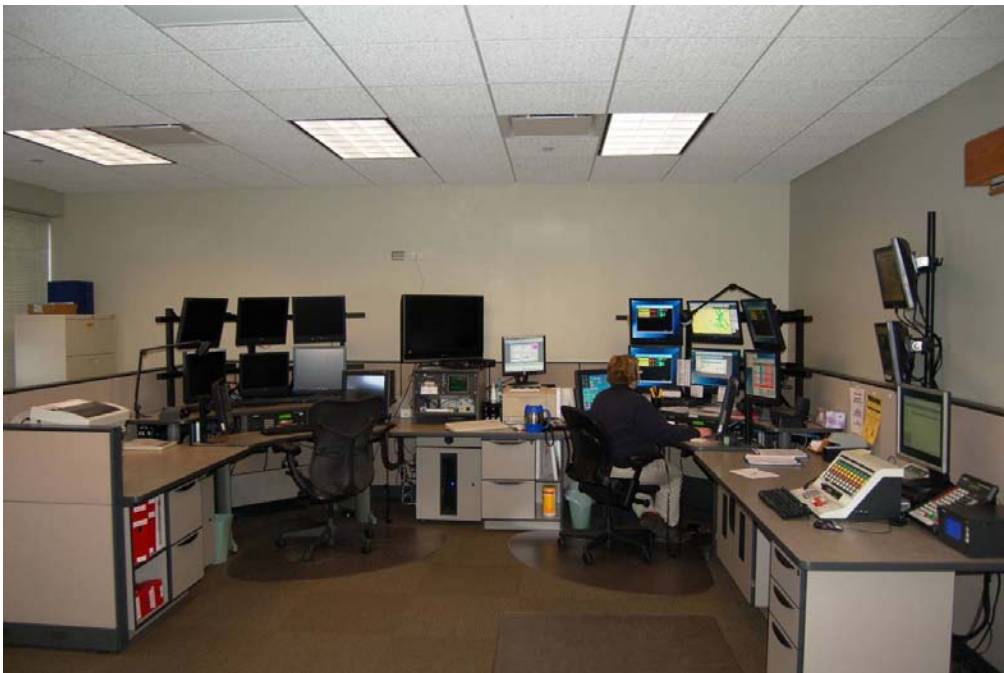
RADIO & TELEPHONE

In 2007 Countryside Communications moved to our new location in Station #1 at 801 S. Midlothian Rd., Mundelein IL. Countryside Communications dispatched 3861 calls for service for the year. Telecommunicators are required to answer both emergency and non-emergency telephone calls. The Communications Center is equipped with six (6) 9-1-1 trunks (4 landlines & 2 wireless), three (3) seven-digit emergency lines, two (2) in-house extensions, and one alarm line. The Communication Center utilizes the Zetron program for both telephone and radio service. This includes two Zetron Integrator 911 and Zetron Integrator RD touch screens and one stand alone position. Zetron Integrator IRR was

installed on the two main consoles. This program allows for the instant replay of both phone and radio traffic from that specific console.

In 2007, Countryside Communications answered approximately two-hundred and fifty (250) 9-1-1 calls per month for a total of 3000 calls per year. September had the most 9-1-1 calls received with 312 and April the least with 196. It should be noted that not all of these 9-1-1 calls are emergency calls for service. Occasionally, test calls are made to test the trunks/lines and anonymous calls with no caller on the line are also received. It is the policy of the District that every effort should be made to answer all 9-1-1 calls in five seconds or less, and dispatch those calls within 60 seconds or less.

The on-duty telecommunicator also has the ability to monitor up to 11 radio frequencies. This includes Quad 4, Quad 3, Red Center, Lake Zurich, Vernon Hills Police and Public Works, IFERN, Fireground, Long Grove, Lake County F1, and the TAC channel.



CAD

Countryside Communications utilizes the Lake County Computer Aided Dispatch System known as “EnRoute Emergency Systems.” Numerous villages/municipalities within Lake County use this CAD system including but not limited to: Lake County Sheriff, Libertyville, Kildeer, Lake Zurich, Wauconda, and Grayslake Fire. Lake County CAD allows Countryside to monitor surrounding agencies calls and helps keep Countryside Fire Personnel updated and informed.

ALARMS

The District has 395 alarms that are directly connected to the Keltron alarm computer. These alarms are monitored by the on-duty telecommunicator. Signals received include Fire, Trouble, Radio Trouble, Central Poll Loss, Supervisory, and No Signal Received to name a few. During the year, 214,999 alarm signals were processed/logged. The signal processed most frequently is Trouble with 97,539 for 2007.

AVL

In mid 2007, Countryside Communications discontinued its AVL program with NEXTEL. At this time the costs outweigh the benefits. In 2008 Countryside Communications will again look at the AVL program and attempt to determine if it is necessary at this time.

EMD

As noted above all telecommunicators are required to be Emergency Medical Dispatch Certified. Initial certification requires the telecommunicator to attend the National Academy of Emergency Dispatch 3-day course and complete a test at the end. To maintain certification Telecommunicators are required to complete 12 hours of continuing education. Eight (8) of these hours are provided through the Condell EMS system and the additional hours are obtained through meetings, call review, and the

training of other personnel. Once certified, in order to maintain EMD status, each telecommunicator is required to take a re-certification test every 2 years.

TRAINING

In 2007, telecommunicators attended a variety of training classes. These classes include: a Communications Training Officer Course, a Customer Service Course, a course titled, “Being the Best” – which was considered a motivational/tune-up for telecommunicators, a review of policy and procedure, and as previously mentioned, the EMD continuing education courses.

CAMERAS

Countryside Communications currently has cameras at both stations. The cameras capture both interior and exterior shots including the bay doors and lobby entrances. These cameras are monitored twenty-four hours a day, 7 days a week by the on-duty telecommunicator. The communication center also has the ability of viewing the security cameras for the following companies located in Vernon Hills; American Hotel Register and Rustoleum Corporate Headquarters.

In early 2007, the communication center dropped plans for a district wide camera system, with the 1st camera to sit atop the water tower located at Hwy 60 and Butterfield Road. This program will be reviewed again in 2008.

FUTURE PLANS

Relocating the Communication Center to the new Station 1 has given the District the opportunity to install an additional console as well as provide room for future expansion (see picture below). At this time, six (6) agencies have inquired about the District’s Communications Center’s ability to provide fire dispatch to agencies other than its own. Currently a business plan is being developed with this in mind.



TRAINING DIVISION

2007 ANNUAL REPORT



The Countryside Fire Protection District's Training Division follows standards set by several agencies, including the Office of the State Fire Marshal, Illinois Department of Labor, and the Illinois Department of Public Health. These standards set minimums for training hours, certifications, and mandatory yearly training subject areas.

ADMINISTRATION & STAFFING

Captain Ken Arnswald is the Training Officer. Training Officer responsibilities include: maintaining training records, preparing the yearly department training calendar, administering training, posting and maintaining the special teams training calendar, scheduling tests, and preparing the members for advancement of their careers.

Assisting with shift personnel training are the shift Captains and Lieutenants. Regularly assisting with the POP training is: Ron Echtenacher Jr., Phil Obos and John Sherwood.

Jessica Petska has been doing the training data input for several years. Jessica has attended FireHouse classes to assist her with the data input into our reporting system.

TRAINING HOURS

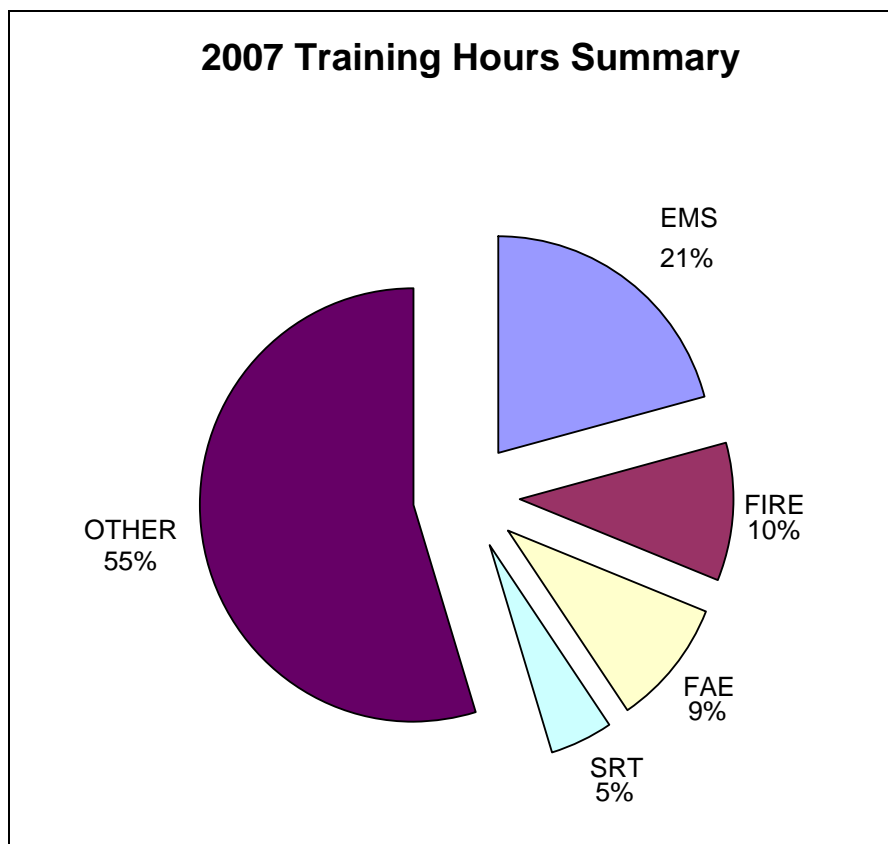
Career personnel are required to complete 240 hours of training per year. POP personnel are required to complete 120 hours per year. Training hours are accumulated through drills and elective hours. Drills are supervised, hands-on training involving practical skill-building activities. Some examples are:

- Scheduled drills
- Practical sessions
- Burn downs
- Special Teams drills

Elective hours are in-house training or recognized outside training. Some examples are:

- Reviewing District SOG's
- Reviewing District Rules & Regulations
- Watching videos related to the fire service
- Reading Trade magazine articles
- Performing weekly pump and tool testing
- Performing hose and hydrant testing
- Reviewing study books and manuals
- Studying other related materials

Total training hours for 2007 were 13,249. This is approximately a 4,000 hour decrease from 2006. The decrease is representative of Countryside not conducting a FF II program.



PAID ON PREMISE PERSONNEL

There were 32 POP members with a total of 191 years of fire service experience.

The POP member with the most seniority is Glen Mortensen, with 20 years experience.

All POP personnel are certified through the Illinois State Fire Marshal to the level of Firefighter II, Hazardous Materials Awareness, Technical Rescue Awareness, and Terrorism Awareness.

Four of our POP members are full-time members on other departments. Firemedics McInerney, McLaughlin, Virgilio and Zirzow bring a wealth of knowledge and experience to the district from their primary jobs, with Firemedics McInerney and Zirzow regularly assisting with POP training.

We did not add a POP class during the 2007 year. Plans are to start a new class during the spring of 2008.



Tower Ladder operations at Station #1 Training Tower

MONTHLY TRAINING

Prior to each calendar year, a Training Needs Assessment is sent out to all members of the Department. Included on the Training Needs Assessment are five questions which ask:

- What type of training CFPD needs as a group
- Classes or schools the individuals would like to attend
- Classes or topics they would enjoy instructing
- How they feel the training program can be improved
- If there is anything they feel they need individual assistance with

In addition to the required training, the Training Needs Assessment information is compiled and added into the upcoming year's calendar.

MORNING DRILLS

The morning drill is another training tool. These are generally reviewed following morning shift change. The topics covered will include information in the following areas: EMS, Fire, Haz Mat, Department SOG's, Employee Handbook, and new equipment.

JPR's

Job Performance Requirements are forms that are used to explain what is expected of members during training. They are similar to an outline for the training.

They include:

- The skill / performance / topic descriptions that are referenced to OSFM objectives and NFPA standards
- The task(s) to be performed
- The requisite knowledge
- The requisite skills
- Critical points of the training
- Safety statement
- References

SPECIAL RESPONSE TEAMS

Countryside promotes the education of some of its members in the area of special response team. These teams include: High Angle, Trench, Confined Space, Structural Collapse, Wildland Firefighting, Haz Mat, Side Scan and Dive Rescue/Recovery. In addition to our department training, the team members must attend a pre-determined number of trainings to maintain their eligibility for the teams.

CERTIFICATIONS

All members are OSFM certified to a minimum level of FF II, Haz Mat Awareness, Haz Mat Operations, Technical Rescue Awareness and Terrorism Awareness. After attending the FFII academy, new recruits then continue their education with EMT-B class.

To continue their education, members are prepared to take their FF III certification exam. All members are encouraged to continue their education in preparation for advancement within our department.

Listed below are the numbers of State Certifications that our members achieved during 2007:

- 10- Firefighter II
- 2- Fire Apparatus Engineer
- 2- Fire Officer I
- 1- Fire Officer II
- 2- Fire Department Incident Safety Officer
- 1- Vertical Rescue I
- 1- Confined Space Operations
- 1- Confined Space Technician
- 2- Haz Mat Operations
- 28- Fire Service Vehicle Operator
- 4- Paramedic Certifications