

# ***OAK BROOK FIRE DEPARTMENT 2015 ANNUAL REPORT***

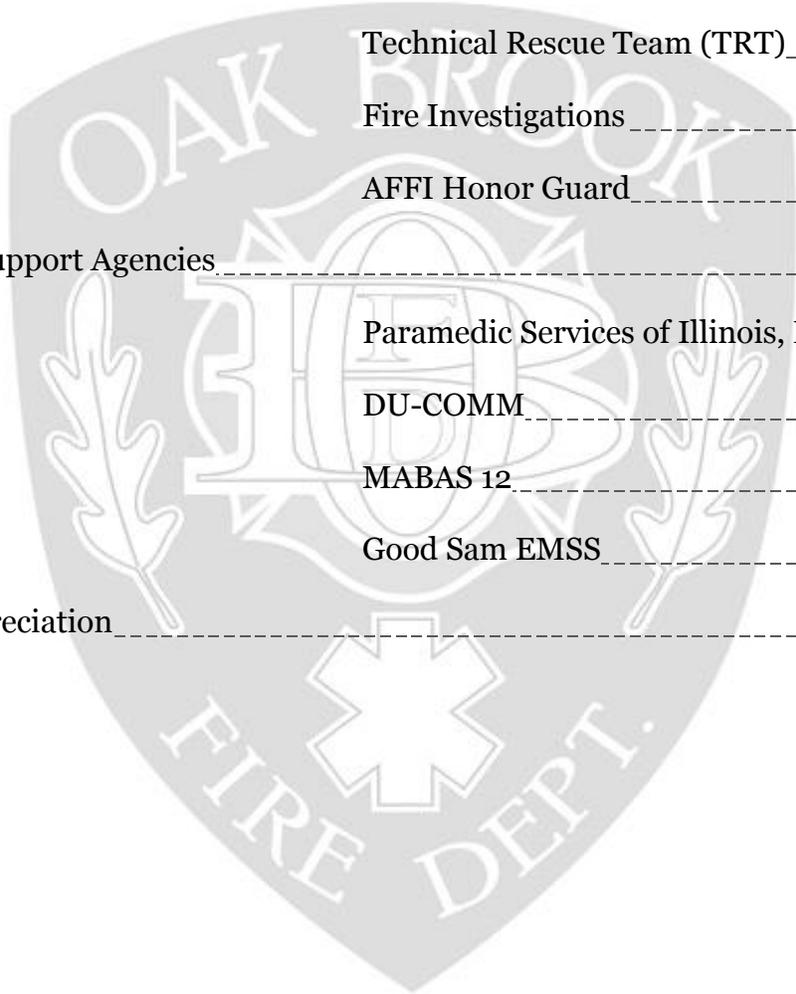


***ISO CLASS 2***



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It is an honor to present the 2015 Annual Report of the Oak Brook Fire Department detailing the activities and accomplishments of our organization. Through the dedicated effort of all members of our organization, the Oak Brook Fire Department is committed in our delivery of the highest level of service to our community as we protect life, property and the environment in a highly effective, efficient and responsible manner.

During 2015, we embarked on an ambitious project to enhance our ability to provide Emergency Medical Services beyond that which was only available from our two paramedic ambulances.

As a result, we equipped our fire apparatus with the necessary trained and licensed paramedical personnel along with specialized equipment to render advanced life support care whenever or wherever within the Village of Oak Brook, dramatically improving patient outcome while improving service delivery throughout the community.

The remodeling of Station 94's watch office improved our ability to command and control the daily operations of the department while providing an operationally sound backup emergency communications center in cases of storms or power failures.

We have begun taking preliminary steps toward improving our delivery of emergency services, focusing on improving response times, creating adequate service coverage and enhancing safety, with the inclusion of reducing overall operational costs.

Additionally, there were other notable activities which occurred during the past year, including, but not limited to;

- ❖ The approval to design and proceed with the purchase of a new replacement ambulance with an anticipated delivery date scheduled for early 2016.
- ❖ Implementation of a number of computerized databases that have garnered improved efficiency, record keeping, transparency and statistical analysis.
- ❖ The purchase of an All Terrain Vehicle with the ability to reach and transport patients from difficult and inaccessible terrain such as jogging and bicycle paths, open land and forest preserves, soccer fields and golf courses.
- ❖ The purchase of additional protective paramedic body armor.

These are just a few of the many accomplishments that have occurred over the past year. Contained within this report is the culmination of the efforts, skills, commitment and dedication of each and every member of the organization.

The department remains committed to providing quality service as we strive to meet the expectations and ever changing demands of the community.

Sincerely,

*Barry J. Liss*

Barry J. Liss  
Fire Chief

**Mission Statement**

The mission of the Oak Brook Fire Department is to provide multidiscipline professional services in the areas of fire, rescue and emergency medicine dedicated to exceeding the evolving needs of our community.



The Oak Brook Fire Department is dedicated to serve and protect each person with an appreciation of their diversity and identity. The Oak Brook Fire Department has a common set of values that all members strive to express through their work and personal contact with others. These values are the cornerstone of all actions and decisions by our personnel, who are our most important asset.

**Values**



**Vision**

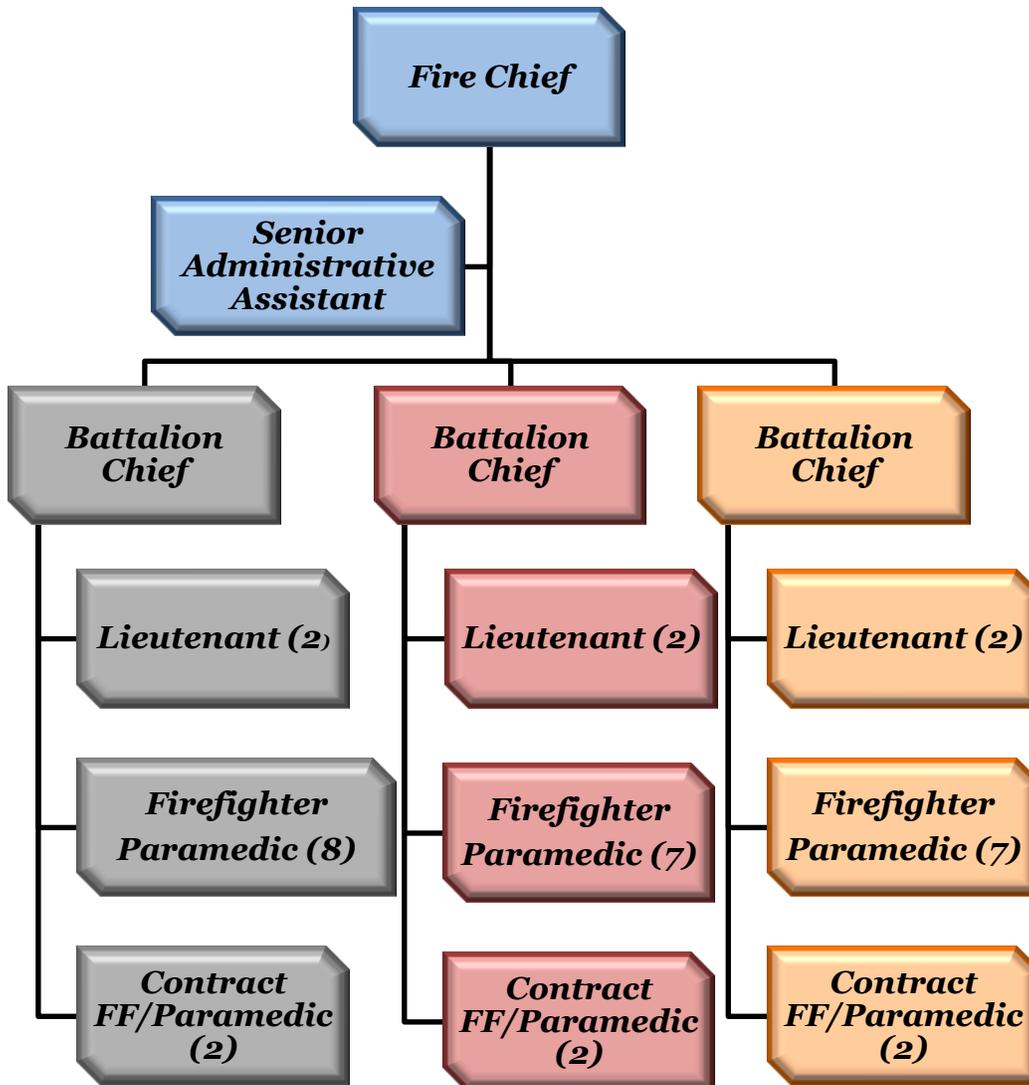
We proudly serve the changing needs of our community by providing the highest quality services with...

**O**utstanding Service  
**A**ccountability  
**K**nowledge

**B**enevolence  
**R**espect  
**O**pen Mindedness  
**O**bjectivity  
**K**indness

**F**oresight  
**I**nnovation  
**R**esponsibility  
**E**xcellence

The Oak Brook Fire Department pledges a commitment to preserving the quality of life. We protect lives, property and the environment with compassion, vigilance and the utmost dedication.



***32 Sworn Personnel***  
***22 Firefighter Paramedics***  
***6 Lieutenants***  
***3 Battalion Chiefs***  
***1 Fire Chief***  
***7 Civilian Personnel***  
***1 Senior Admin. Secretary***  
***6 Contract FF/Paramedics***



**15 Part Time Positions – Staffed From Full Time Personnel**

**1 Administrative Assistant**

**1 EMS Coordinator**

**1 Fire Marshal / 8 Fire Prevention Inspectors**

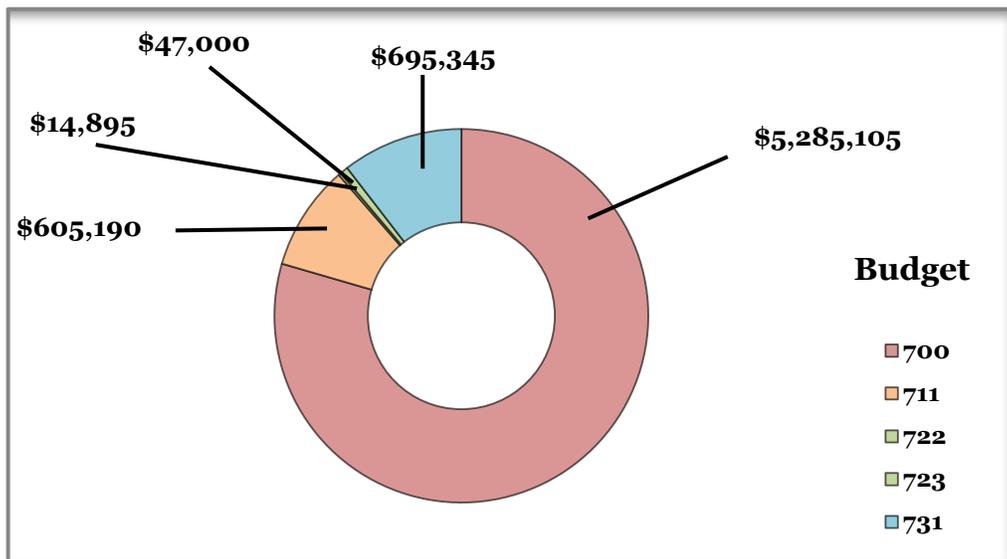
**1 Training Officer/Communications Coordinator**

**1 Emergency Operations Coordinator**

**1 Assistant Training Officer/Assistant Communications Coordinator**

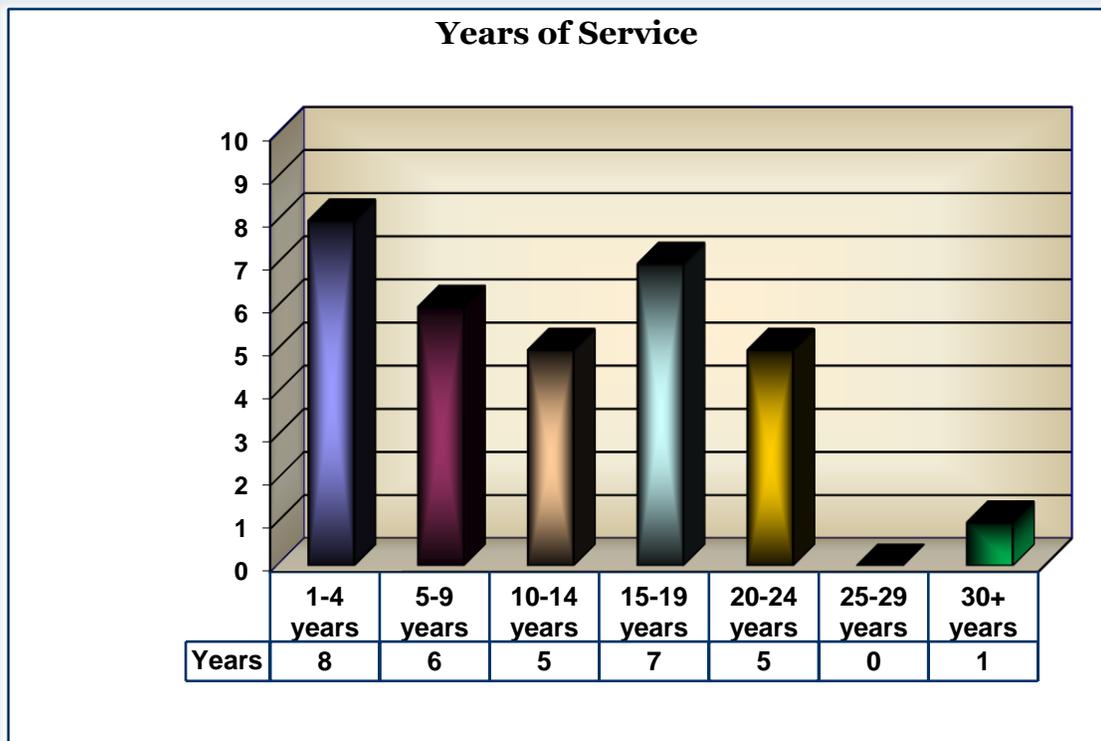
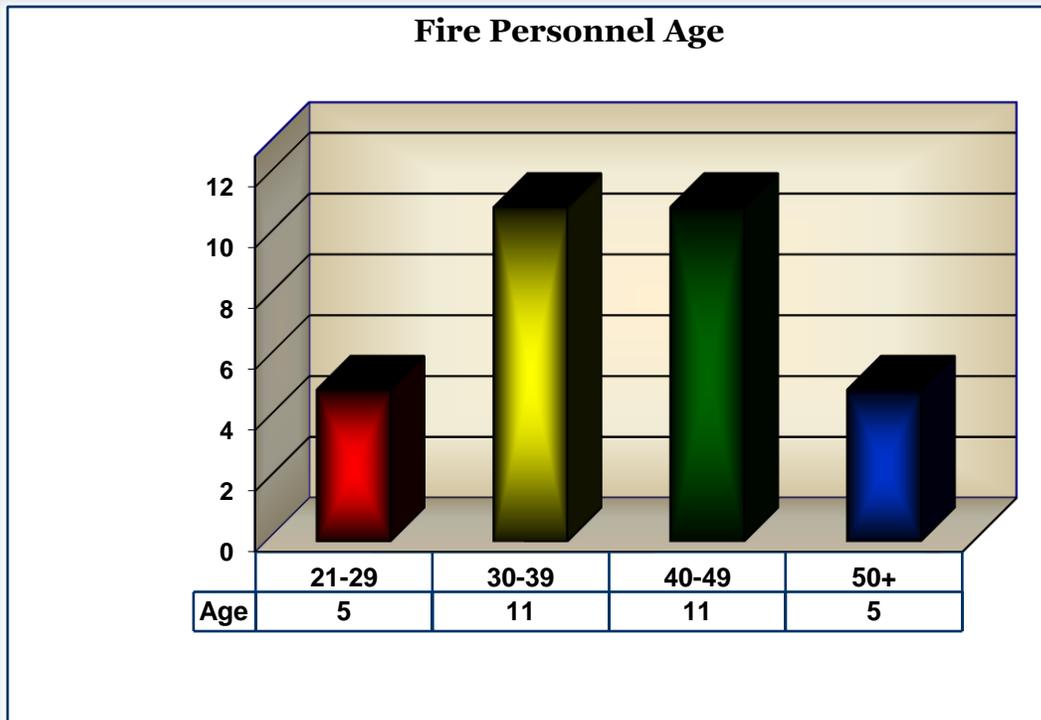
**1 Public Educator / CPR Coordinator**

<b>Program</b>	<b>Division</b>	<b>Operating Budget</b>
700	Fire Department Operations	\$5,528,015
711	Fire Administration	\$605,190
722	Special Teams (Dive, Hazardous Materials, Technical Rescue, Fire Investigations)	\$14,895
723	Training	\$47,000
731	Emergency Medical Services	\$695,345



**Budget Breakdown by Program**

	<b>700</b>	<b>711</b>	<b>722</b>	<b>723</b>	<b>731</b>
<b>Personnel</b>	\$5,007,150	\$377,640		\$46,350	\$28,165
<b>Materials and Supplies</b>	\$45,395	\$9,000	\$6,775	\$650	\$17,950
<b>Operation and Contractual</b>	\$434,770	\$194,045	\$8,120		\$603,650
<b>Capital</b>	\$40,700	\$24,505			\$45,580



**Administration**



**Barry Liss**  
**Fire Chief**  
**1 Year**



**Rosemarie Douglas**  
**Senior Admn. Asst.**  
**17 Years**



**Rev. Joseph Kovarik**  
**Chaplain**  
**16 Years**

**Administration**

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**Memberships**

<b>DuPage County Fire Chiefs Association</b>	<b>Illinois Society of Fire Service Instructors</b>
<b>Federation of Fire Chaplains</b>	<b>International Association of Fire Chiefs</b>
<b>Good Samaritan EMSS</b>	<b>MABAS Division 10</b>
<b>Illinois Association of Administrative Professionals</b>	<b>MABAS Division 12</b>
<b>Illinois Corps of Fire Chaplains</b>	<b>Metropolitan Fire Chiefs Association</b>

**Black Shift**



**Jeffrey Marciniak**  
Battalion Chief  
23 Years



**Theodore Vassios**  
Lieutenant  
35 Years



**John Fagan**  
Lieutenant  
12 Years



**Michael Janney**  
FF/Paramedic  
20 Years



**Michelle Ruska**  
FF/Paramedic  
15 Years



**Glen Washington**  
FF/Paramedic  
15 Years



**William Nyhanna**  
FF/Paramedic  
8 Years



**Kyle Matousek**  
FF/Paramedic  
5 Years



**Gino Picciola**  
FF/Paramedic  
1 Year

**SPECIAL TEAM MEMBERS**

<u><b>Hazardous Materials</b></u>	<u><b>Water Rescue (Dive)</b></u>
<b>Lt. John Fagan</b>	<b>Lt. John Fagan</b>
<b>FF/PM Michelle Ruska</b>	<b>FF/PM Michael Janney</b>
<b>FF/PM Glen Washington</b>	<b>FF/PM William Nyhanna</b>
<u><b>Honor Guard</b></u>	<u><b>Oak Brook Fire Investigator</b></u>
<b>FF/PM William Nyhanna</b>	<b>FF/PM Michelle Ruska</b>
	<b>FF/PM Kyle Matousek</b>



**Arthur Romadka**  
PSI FF/Paramedic  
15 Years

**Red Shift**



**Kevin Fleege**  
Battalion Chief  
15 Years



**Michael Pavlovic**  
Lieutenant  
17 Years



**David Kaczmarczyk**  
Lieutenant  
11 Years



**Shawn Swagler**  
FF/Paramedic  
23 Years



**David Kornfeind**  
FF/Paramedic  
12 Years



**Sean Kelly**  
FF/Paramedic  
11 Years



**Daniel Meyers**  
FF/Paramedic  
10 Years



**Nicholas Babcock**  
FF/Paramedic  
8 Years



**Jacob Arzer**  
FF/Paramedic  
3 Years



**Sarie Turner**  
FF/Paramedic  
1 Year



**Jeffrey Kushner**  
FF/Paramedic  
Probationary



**Mark Guerrieri**  
PSI FF/Paramedic  
16 Years

**SPECIAL TEAM MEMBERS**

<u><b>Hazardous Materials</b></u>	<u><b>Water Rescue (Dive)</b></u>
<b>B/C Kevin Fleege</b>	<b>FF/PM Shawn Swagler</b>
<b>FF/PM Daniel Meyers</b>	<b>FF/PM Sean Kelly</b>
	<b>FF/PM Nicholas Babcock</b>
<u><b>Technical Rescue</b></u>	<u><b>Honor Guard</b></u>
<b>Lt. David Kaczmarczyk</b>	<b>Lt. David Kaczmarczyk</b>
<b>FF/PM Shawn Swagler</b>	<b>FF/PM Sean Kelly</b>



**Andrew Maka**  
PSI FF/Paramedic  
1 Year

**Gold Shift**



**Gary Clark**  
Battalion Chief  
23 Years



**Brian Bitterlin**  
Lieutenant  
35 Years



**Michael Erickson**  
Lieutenant  
12 Years



**David Corkey**  
FF/Paramedic  
16 Years



**Matthew Bielawa**  
FF/Paramedic  
16 Years



**Robert Ebsen**  
FF/Paramedic  
6 Years



**Marc Johnson**  
FF/Paramedic  
12 Years



**Robert Micek, Jr.**  
FF/Paramedic  
8 Years



**Zackary Busse**  
FF/Paramedic  
2 Years



**Connor Doran**  
FF/Paramedic  
1 Year



**Danielle Ryan**  
PSI FF/Paramedic  
10 Years

**SPECIAL TEAM MEMBERS**

Water Rescue (Dive)  
Lt. Michael Erickson  
FF/PM Robert Ebsen

Technical Rescue  
FF/PM David Corkey  
FF/PM Matthew Bielawa

Oak Brook Fire Investigator  
FF/PM Marc Johnson



**Nicholas Nitti**  
PSI FF/Paramedic  
2 Years



***RETIREMENT:***

***Battalion Chief Tom Stanfa***

Congratulations to Battalion Chief Tom Stanfa who retired after 36 years of dedicated service. Hired July of 1978, he performed the following career roles during his tenure: a Firefighter/Paramedic, Lieutenant, Fire Prevention Director, Fire Inspector, as well as a CPR Instructor.

***Firefighter Bob Robertson***

Congratulations to Firefighter Bob Robertson who announced his retirement this year after 27 years of dedicated service. Hired by the Village of Oak Brook in February, 1988, he had been a Fire Inspector during his tenure and the Public Education Coordinator since 2005.



***NEW PROBATIONARY HIRES:***

FF/PM Kushner was sworn in on July 14<sup>th</sup>. He came to the Village of Oak Brook from the Darien Woodridge Fire Protection District where he had been a paramedic since 2010.



***New Probationary FF/Paramedic Jeffrey Kushner (Left) with Fire Chief Barry Liss.***



Station 94 ~ 1200 Oak Brook Road



Ladder 94



Medic 94

**Assigned Apparatus**

<b>Medic 94</b>	<b>2012 Horton Ambulance</b>
<b>Ladder 94</b>	<b>2014 Pierce 105' Aerial</b>
<b>Engine 94</b>	<b>2008 E-One Cyclone II Pumper</b>
<b>Battalion 94</b>	<b>2008 GMC Yukon</b>
<b>Battalion 94R</b>	<b>2000 Ford Expedition – Reserve</b>
<b>Marine 94</b>	<b>2006 Zodiac Motor Boat</b>
<b>Chief 94</b>	<b>2013 Chevy Tahoe</b>
<b>Utility 94</b>	<b>2015 Ford F350 Pick Up</b>
<b>Utility 95</b>	<b>2009 Chevy Tahoe</b>
<b>ATV 94</b>	<b>2015 John Deere All Terrain</b>
<b>Trailer 94</b>	<b>2000 Excursion Box Trailer</b>



*Station 93 ~ 725 Enterprise Drive*



*Squad 93*

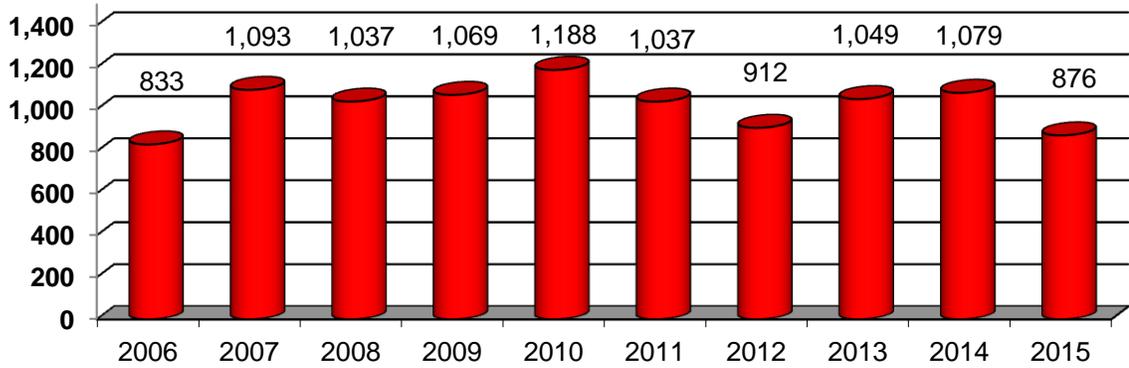


*Engine 93*

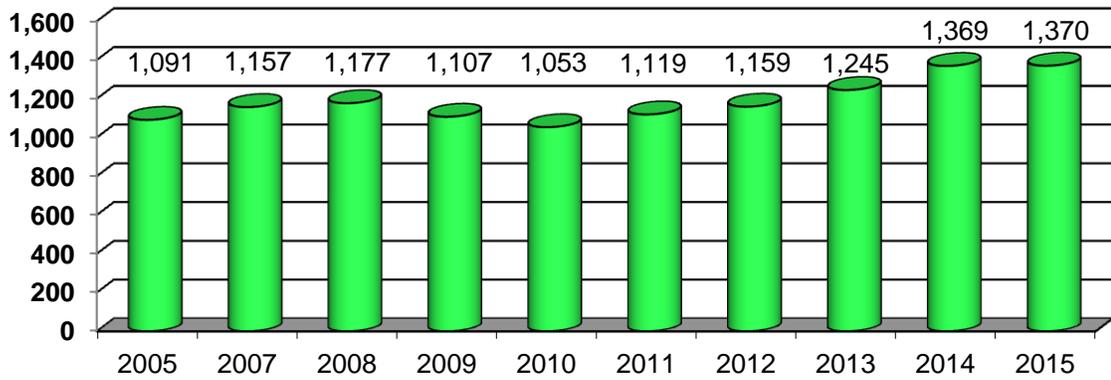
*Assigned Apparatus*

<i>Medic 93</i>	<i>2005 Horton Ambulance</i>
<i>Medic 95</i>	<i>2003 Horton Ambulance – Reserve</i>
<i>Engine 93</i>	<i>2004 E-One Cyclone II Pumper</i>
<i>Engine 95</i>	<i>1990 E-One Pumper - Reserve</i>
<i>Squad 93</i>	<i>1999 E-one Cyclone II Rescue Squad</i>
<i>Utility 93</i>	<i>2015 Ford Explorer</i>

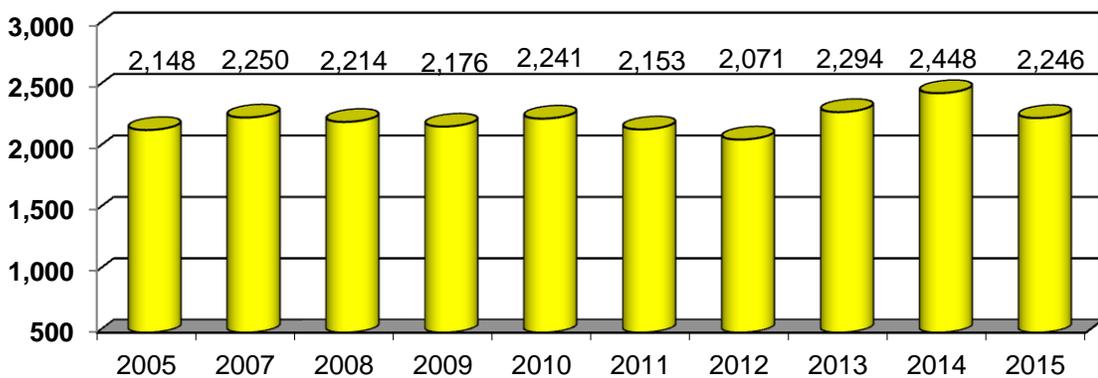
**Fire Responses**



**EMS Responses**

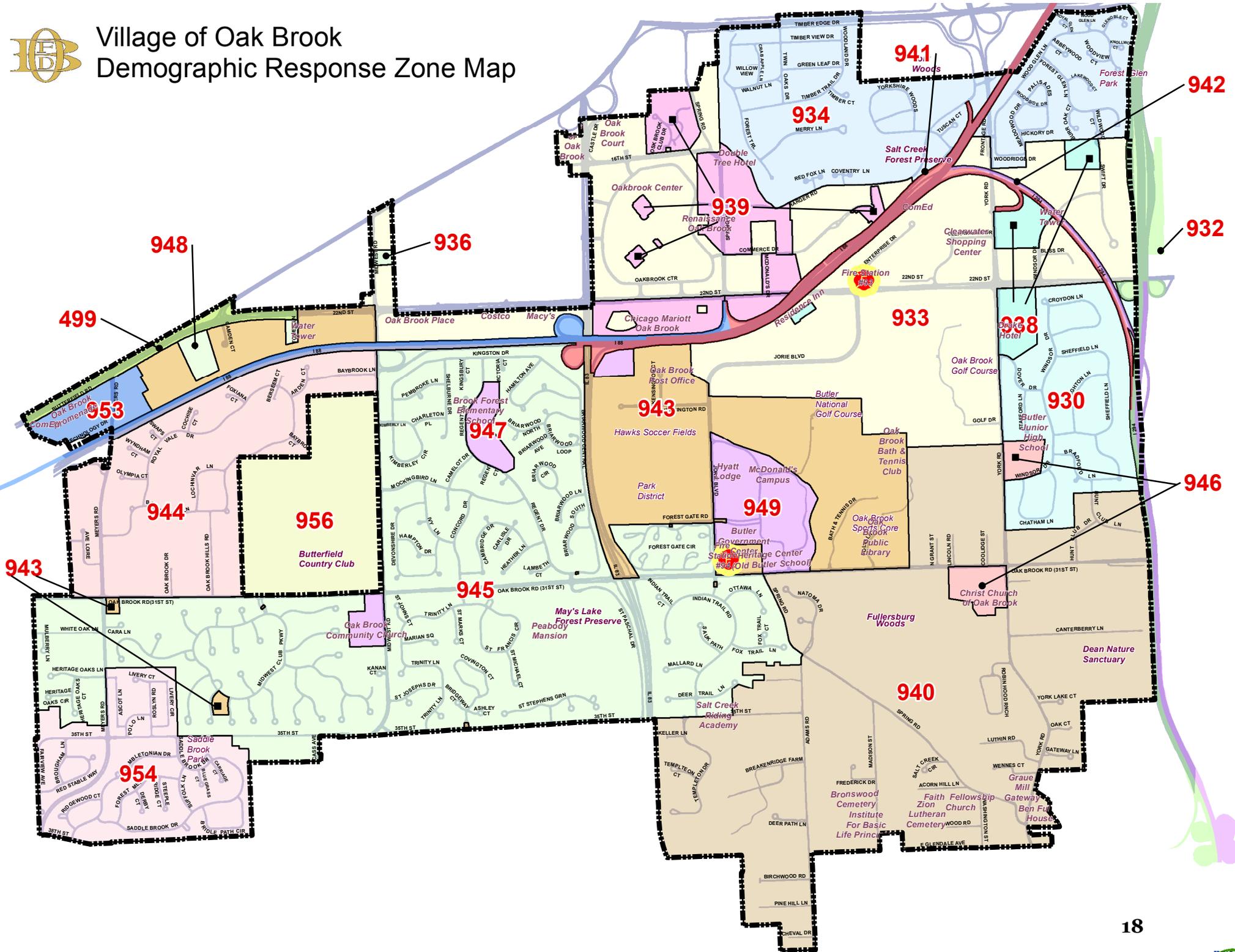


**Total Responses**

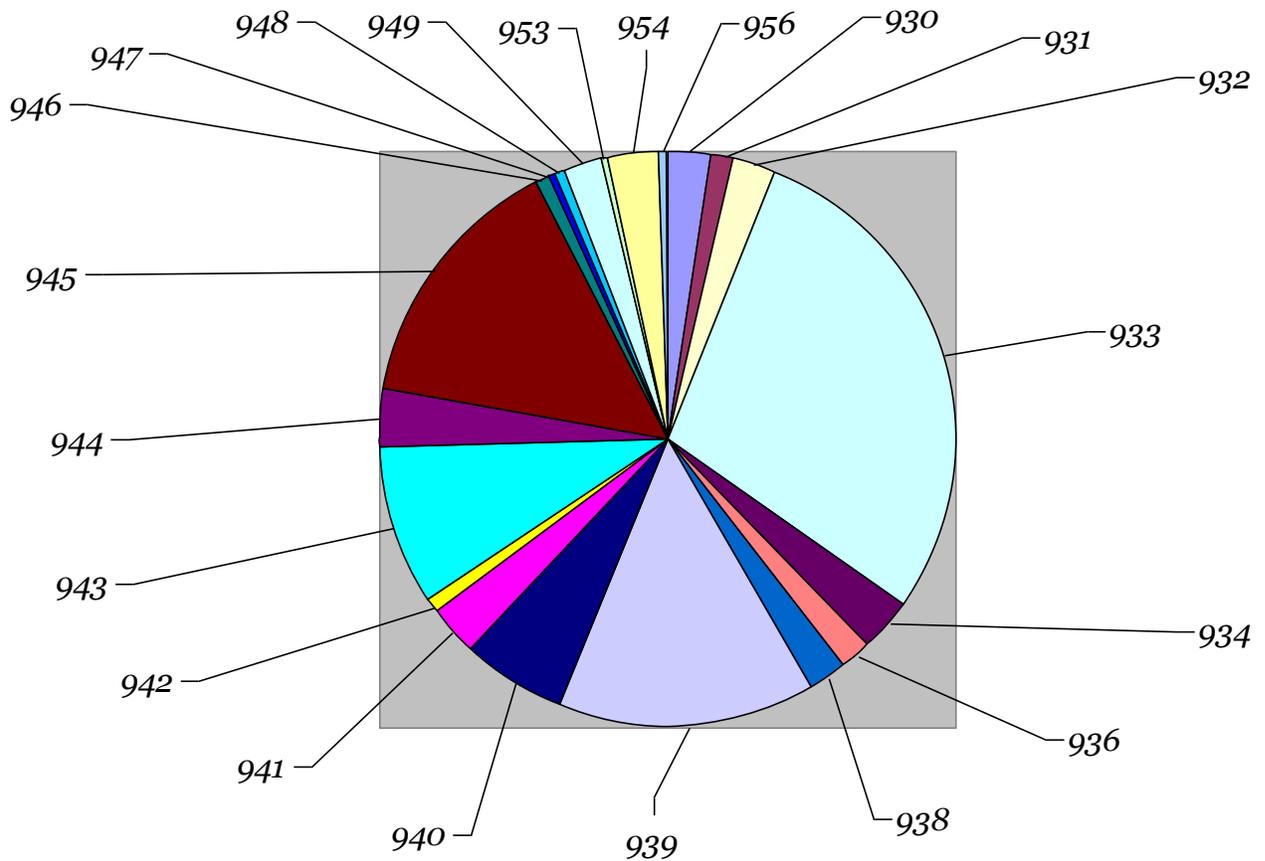




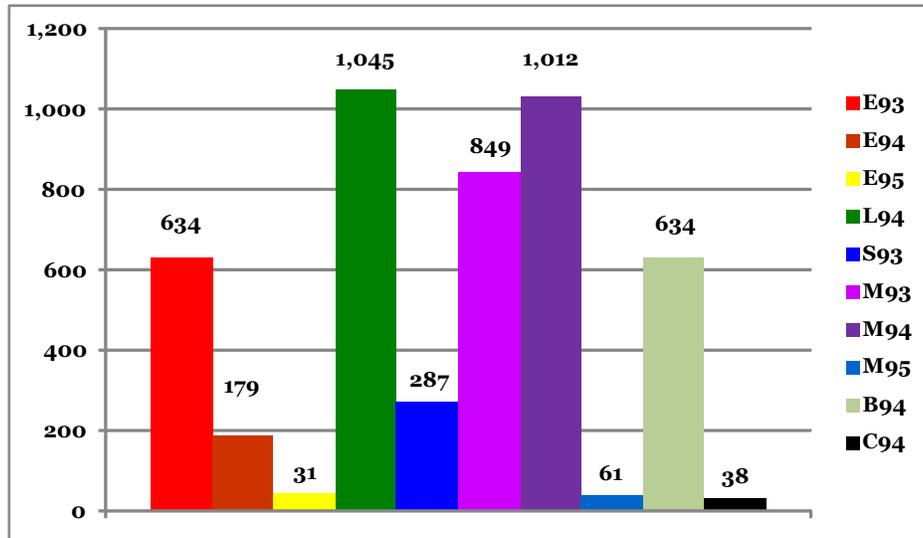
# Village of Oak Brook Demographic Response Zone Map



Demographic Zone	2014	2015
930	53	45
931	20	24
932	30	42
933	613	533
934	100	57
936	29	33
938	49	39
939	282	270
940	99	105
941	53	51
942	15	15
943	161	166
944	48	64
945	274	274
946	18	15
947	6	4
948	29	12
949	60	38
953	0	4
954	57	54
956	8	10



	2013	2015
<b>E93</b>	1038	634
<b>E94</b>	864	179
<b>E95</b>	41	31
<b>L94</b>	360	1,045
<b>S93</b>	272	287
<b>M93</b>	854	849
<b>M94</b>	1095	1,012
<b>M95</b>	39	61
<b>B94</b>	661	634
<b>C94</b>	32	38

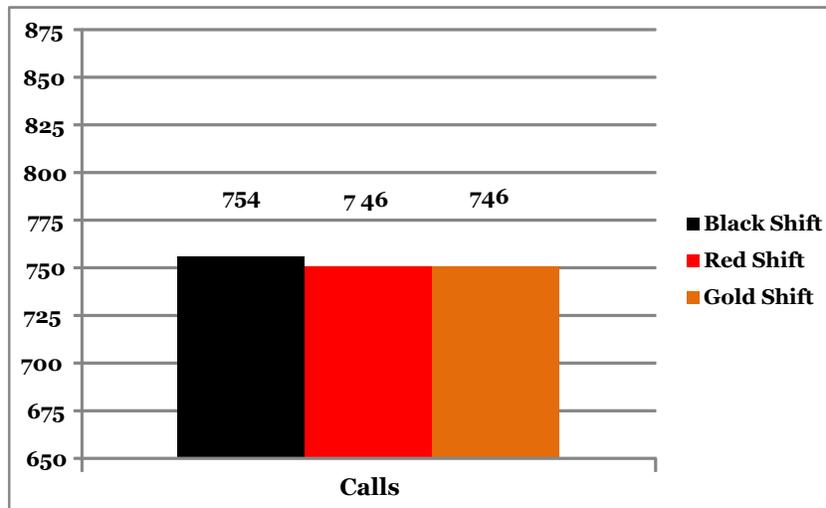


By Station

	2014	2015
<b>Station #93</b>	1,123	1,106
<b>Station #94</b>	1,319	1,140

By Shift

	2011	2012	2013	2014	2015
<b>Shift 1 (Black)</b>	701	742	787	806	754
<b>Shift 2 (Red)</b>	766	643	746	811	746
<b>Shift 3 (Gold)</b>	689	686	761	831	746



<b>Villages/Towns</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>Addison</b>	0	2	1	0	0
<b>Bartlett</b>	1	0	0	0	0
<b>Bellwood</b>	0	0	1	0	0
<b>Bensenville</b>	1	0	0	0	0
<b>Berkley</b>	0	1	2	0	0
<b>Brookfield</b>	3	11	9	1	5
<b>Clarendon Hills</b>	1	3	0	0	7
<b>Carol Stream</b>	1	0	0	0	0
<b>Darien-Woodridge</b>	0	0	0	2	2
<b>Downers Grove</b>	18	14	15	14	14
<b>Elmhurst</b>	2	12	22	12	19
<b>Forest View</b>	0	0	0	2	0
<b>Glen Ellyn</b>	0	1	0	0	0
<b>Glenside</b>	0	1	0	0	0
<b>Hillside</b>	2	0	2	2	6
<b>Hinsdale</b>	10	18	45	33	35
<b>Itasca</b>	0	0	1	0	0
<b>La Grange</b>	0	1	0	0	0
<b>La Grange Park</b>	3	2	0	1	1
<b>Lemont</b>	0	0	1	0	0
<b>Lisle-Woodridge</b>	0	1	4	1	1
<b>Lombard</b>	17	15	8	16	14
<b>McCook</b>	0	0	1	0	0
<b>Naperville</b>	0	1	0	0	0
<b>Oakbrook Terrace</b>	10	11	14	20	6
<b>Pleasantview</b>	0	0	0	0	1
<b>River Forest</b>	0	0	1	0	0
<b>Roselle</b>	0	0	0	1	1
<b>Stone Park</b>	0	0	1	0	0
<b>Tri-State</b>	4	8	8	14	7
<b>Villa Park</b>	5	8	6	8	3
<b>Warrenville</b>	0	0	0	2	0
<b>Westchester</b>	0	4	11	10	17
<b>West Chicago</b>	2	0	0	0	0
<b>Western Springs</b>	0	1	0	1	2
<b>Westmont</b>	69	82	94	90	74
<b>Wheaton</b>	0	1	0	0	0
<b>Wood Dale</b>	0	0	0	1	0
<b>York Center</b>	4	4	6	10	11

<i>Medic 93</i>	<b>2015</b>
<i>Turnout Time</i>	<b>01:12</b>
<i>Travel Time</i>	<b>03:38</b>
<i>Total Response Time</i>	<b>04:50</b>

<i>Medic 94</i>	<b>2015</b>
<i>Turnout Time</i>	<b>01:23</b>
<i>Travel Time</i>	<b>04:05</b>
<i>Total Response Time</i>	<b>05:28</b>

<i>Engine 93</i>	<b>2015</b>
<i>Turnout Time</i>	<b>01:19</b>
<i>Travel Time</i>	<b>03:43</b>
<i>Total Response Time</i>	<b>05:02</b>

<i>Ladder 94</i>	<b>2015</b>
<i>Turnout Time</i>	<b>01:26</b>
<i>Travel Time</i>	<b>04:39</b>
<i>Total Response Time</i>	<b>06:05</b>

<i>Squad 93</i>	<b>2015</b>
<i>Turnout Time</i>	<b>01:41</b>
<i>Travel Time</i>	<b>05:23</b>
<i>Total Response Time</i>	<b>07:04</b>

<i>Battalion 94</i>	<b>2015</b>
<i>Turnout Time</i>	<b>01:13</b>
<i>Travel Time</i>	<b>04:23</b>
<i>Total Response Time</i>	<b>05:36</b>

<i>All Units / All Department</i>	<b>2015</b>
<i>Turnout Time</i>	<b>01:22</b>
<i>Travel Time</i>	<b>04:11</b>
<i>Total Response Time</i>	<b>05:54</b>

**Turnout Time:** The time stamped and calculated by CAD (Computer Aided Dispatch) between the initial dispatch of an assignment to the report of the first enroute apparatus.

**Travel Time:** The time stamped and calculated by CAD between the turnout time and the first apparatus reporting on scene.

**Total Response Time:** The time calculated by CAD between the start of the turnout time and the end of the travel time.

Oak Brook Fire Department - 5 Year Call Delineation  
Fire & Rescue

	2011	2012	2013	2014	2015
Assembly & Education	119	110	64	93	52
Residential	214	183	227	259	209
Business	179	128	124	144	98
Mercantile	130	118	138	151	117
Streets & Highways	140	113	113	90	108
Other Occupancies	6	4	1	5	16
Mutual Aid Given	249	256	382	337	276
	1037	912	1049	1079	876

EMS

	2011	2012	2013	2014	2015
Assembly & Education	121	119	150	163	176
Residential	453	459	458	518	533
Business	165	137	133	159	140
Mercantile	151	157	190	181	177
Streets & Highways	195	228	247	282	287
Other Occupancies	6	13	13	18	16
Mutual Aid Given	28	46	54	48	41
	1119	1159	1245	1369	1370



In 2015 the Village of Oak Brook experienced three major structure fires, with property loss resulting in nearly \$695,000.

**Saddle Brook Road** – The agency responded to a large, single family occupancy with heavy fire showing from the second floor and roof areas. At the time, seven members of the family were home and quickly and safely evacuated as they called 9-1-1. The incident was challenging for responding apparatus as access to the home by aerial and ladder trucks were hampered by



numerous trees. Fire companies were aggressive in their initial attack as fire continued to spread quickly to several other adjacent areas of the home until it was eventually extinguished.

Damage Estimate: Structure \$400,000  
Contents: \$10,000

**Wood Glen Lane** – The Oak Brook Fire Department responded to the report of a house fire, and on arrival discovered a fire in the attic of a 2-story single family residency. There was moderate smoke throughout the home, with the main body of fire found only in the attic concentrated on the East side of approximately ¼ of the attic space. All the occupants who were home at the time of the fire evacuated prior to the arrival of the Fire Department. The fire was quickly contained and extinguished without any injuries to responding personnel or escalation of alarms.

Damage Estimate: Structure \$130,000  
Contents: \$20,000

**Yorkshire Woods** – The Oak Brook Fire Department responded to a 2-story single family house fire with moderate fire in the basement.

Companies faced extreme frigid temperatures as they worked to locate and extinguish the fire that had spread within the plumbing chase and interior walls of the nearly 9 year old home. Heavy smoke throughout the entire structure was quickly mitigated through natural ventilation openings. The homeowner was present at the time of the incident, initiated the call to 9-1-1, quickly exited the home, and awaited emergency responders. The occupant was uninjured.



Damage Estimate: Structure \$100,000  
Contents: \$35,000

As we continue to provide all aspects of life safety services, the Suppression Division has the overall responsibility for providing the highest quality of emergency services to the Village of Oak Brook, its residents, businesses and visitors. This is accomplished by coordinating the efforts of multiple aspects of the department to ensure seamless operations during emergency activities. The Suppression Division is responsible for providing prompt and efficient emergency responses to fires, hazardous conditions, rescues, general service calls, medical and traumatic emergencies and any other conditions where the health, safety and welfare of the public or the environment is compromised or in danger.



Proficient and appropriate results require interaction and support with other Village departments, regional businesses and cooperation with neighboring public safety agencies. This type of interface necessitates ongoing pre-incident coordination which is part of the day-to-day activity of the Suppression Division.



The Fire Department's shift personnel work on three rotating 24-hour shifts and respond from two fire stations manning five front line vehicles.

When personnel are not responding to emergencies, they are performing required training, honing their skills, maintaining equipment, inspecting and checking apparatus, performing station cleaning duties, providing informative public education and more.



Emergency Medical Services (EMS) is an important and significant aspect of the daily commitment of the Oak Brook Fire Department. While the overall call volume for the department was down from 2014 to, EMS responses remained virtually unchanged accounting for 61% of all calls for 2015. Oak Brook's EMS program provides properly trained and equipped paramedics to respond to any medical emergency within the Village or surrounding communities.



Oak Brook staffs two front-line ambulances with advanced Life Support (ALS) crews and equipment providing the highest level of pre-hospital care to residents, workers, and visitors. In 2015 Engine 93 and Ladder 94 were upgraded to "ALS Assist" designations which allow the firefighter/paramedics on those vehicles to not only assist the ambulance crews but deliver ALS care on their own if the ambulances are committed elsewhere or transport is otherwise delayed.

Oak Brook's EMS Program operates in accordance with the policies and procedures set forth by the Illinois Department of Public Health (IDPH) and the Good Samaritan Hospital EMS System. IDPH requires that each paramedic complete an average of thirty hours of Continuing Education (CE) each year. CE is administered by instructors from Good Samaritan Hospital, as well as Fire Department members, and covers a wide range of topics over the course of a year.

### **2015 Accomplishments**

The required paramedic Continuing Education requirements for 2015 were met.

**Systems CE topics included:** Cardiac Interventions and 12-Lead Interpretation, Respiratory – Causes and Treatment of Dyspnea, Pediatrics and Special Needs Populations, Stroke and Stroke Mimics, Street Drugs – Diagnosis and Treatment, Alternative Birthing, Blast Injuries – Trauma and Triage, Mental Illness, and 12-Lead Review.

**Practical skills included:** Pediatric Immobilization and Transport, START Triage Procedures, Stair Chair and Scoop Stretcher Operations, Splinting and Bandaging, Cardiac ECG Recognition, Cyanokit In-Service Training, CPR Recertification, Duo-Dote Auto Injectors and CBRN Review, Spider Straps / Hip Immobilization / Soft Stretcher Operations, Continuous Positive Airway Pressure (CPAP) Administration, Oral / Inverse / In-Line Intubation, Medication Administration, Infection Control Updates and Procedural Review, and Full Arrest Scenarios.

**Cyanokit**, an antidote to cyanide poisoning containing hydroxocobalamin, was put into service. Due to the increased volume of plastics and synthetic materials in modern homes and workplaces, possible cyanide exposure is a serious concern for those who may have suffered smoke inhalation from residential or industrial fires.

As the scope of emergency situations continues to evolve, so must our ability to protect responders. With this in mind, **body armor** has been put in service for EMS crews who may need to take action before scenes have been completely secured by law enforcement.

An **Emergency Response All Terrain Vehicle** entered service in 2015 to provide a faster response, and safer extrication of patients, from areas that cannot be accessed by ambulance. Oak Brook has miles of recreational trails used by bicyclists and pedestrians. While some paths and trails are near roadways, many others are not. This vehicle is essential to access and treat patients in these scenarios. It is also used at large events such as the Taste of Oak Brook and Polo matches where crowds and location can limit traditional response options.



A **new ambulance** has been purchased to maintain Oak Brook's fleet of ALS medic units. This newest addition incorporates many recent technological advances to improve safety and service to crews and patients alike. As a result Medic 95, a 2002 International, will be removed from reserve service. The new ambulance will enter service in early Spring of 2016.



**January**

Several Training topics were covered during the month. The department was fortunate enough to receive permission from a resident to train in their home on Robin Hood Ranch that was scheduled for demolition. A Self Contained Breathing Apparatus (SCBA) confidence course was setup in the home for members to build confidence while using their SCBA. Gear and uniform inspections were also completed this month. EMS continuing education (CE) focused on cardiac and 12 lead Electro-Cardio Grams.



**February**

Personnel continued training at the house on Robin Hood Ranch, focusing on ground ladders and vertical ventilation techniques. The department hosted an annual surface ice rescue drill along with Hinsdale Fire. Pump operations and Fire Apparatus Engineer (FAE) calculations were also covered this month. EMS CE focused on breathing problems.



**March**

All members participated in the annual SCBA and Chemical, biological, radiological and nuclear mask (CBRN) fit testing. This drill is required annually to ensure the proper fit of our SCBA and CBRN masks. Department members also participated in an in-service training on the new power load stretchers for the ambulances. Haz-Mat meters were reviewed by all members. The department also trained with the lifeguards at the Park District pool on how to handle in-house emergencies. Paramedic CE focused on pediatric special needs patients.



### April

The department attended a presentation by the Oak Brook Police Department on their critical incident team and how they handle emotionally unstable patients. The training house on Robin Hood Ranch was again utilized. This time multiple company fire ground operations were the focus. All members participated in the mandatory annual SCBA donning and doffing drill. We were fortunate to receive permission to use a large commercial building set for demolition in the 300 block of Windsor.



### May

Division 12's Technical Rescue Team hosted an rope rescue operations class. Members also participated in a required training on the use of the Division's All Terrain Vehicle (ATV). Crews attended live fire training at Elmhurst's burn and training tower. The department temporarily housed the Division 12 Hazmat Decontamination specialty vehicle for training and familiarization purposes. Each member was also recertified in CPR.



### June

June focused on vehicle and driving safety as all sworn members participated in navigating through a predetermined road course. Personnel conducted a walk-through of the mall, familiarizing themselves with several new stores. The department utilized parking garages to deploy and flow high rise hose packs. Members participated in a building familiarization of Blistex. The EMS drill was a review of the use of DOU-DOTE auto-injectors.



 **July**

The department had a rare opportunity to participate with other area departments in live fire training in the dormitories at Midwestern University in Downers Grove. Members completed the annual NFPA 1410 drills. These drills provide a hose deployment task that should be completed in a set amount of time. With the increase in responsibilities of the fire department, topics such as technical rescue become mandatory training topics. First-in technical rescue topics fulfilled this requirement. The EMS CE covered street drugs.



 **August**

NFPA 1410 drills were completed. Oak Brook and Hinsdale conducted a familiarization drill at the new Adventist Cancer Treatment Center. Lake Fred at McDonalds' campus was the location of the Department's annual boat operations drill. The month closed out with classroom and partials on the operations of Ladder 94. EMS drill covered alternative birthing.

 **September**

September was spent testing the department's fire hose. Each individual length of hose needs to be tested annually to ensure its capabilities. Department members also completed training on ground ladders. Elmhurst Fire invited our department to participate in live fire training at their burn tower. The third of four SCBA modules was covered, consisting of a confidence course. The department along with the Village's water department tested the water flow capabilities of fire hydrants.



**October**

Reviewed Haz Mat IQ system used to identify hazardous materials. The closed course portion of the apparatus driving drill was completed in the parking lot of Christ Church. The fire department also used their time at Christ Church to review the building and some recent renovations to the property. Jim's towing was generous enough to donate six vehicles to the fire department to use for vehicle extrication. Mental illness was the topic of the month's EMS training.



**November**

Vehicle extrication drills were completed as well as the OSHA required confined space training. The fire department was again fortunate to receive permission to use property within the village for training. The property at 2100 Swift, which was set for a major remodel, was used for training on elevator emergencies. Paramedic CE focused on annual infection control procedures and policies.

**December**

Members utilized the property at 2100 Swift for Rapid Intervention Team (RIT) training. The fourth and final module of SCBA training for the year was also completed. The SCBA consumption test gives firefighters an idea of how long their air will last in a working condition. Members watched a presentation by Underwriters Laboratories on modern fire behavior and fire ground tactics. Mandatory drill make ups were finalized. EMS CE consisted of cardiac and 12 lead ECG.



The Oak Brook Fire Department is proud to have a workforce of highly skilled Firefighter-Paramedics who are ready to handle any call for service at a moment's notice. Developing and improving upon the knowledge and skills of all our firefighters is an ongoing and relentless process throughout their career here at Oak Brook. Vigilant training allows the fire department to provide superior service to the Village.

The Oak Brook Fire Department trains seven days a week on various topics that include: structural firefighting, motor vehicle accidents, emergency medical services, building construction, driver training and special operations such as water rescue, hazardous materials and technical rescue. Firefighter-Paramedics not only complete training in-house, but also in coordination with our community partners such as Good Samaritan Hospital and the Oak Brook Park District. In addition, as part of MABAS Divisions 10 and 12, personnel train with other fire departments across DuPage County including, but not limited to Downers Grove, Elmhurst, Hinsdale, Lombard, Oakbrook Terrace, Westmont and York Center.



Due to retirements from the department, the Training Division welcomed our newest member, Probationary Firefighter Jeff Kushner. Jeff successfully graduated from the Northeastern Illinois Public Safety Training Academy (NIPSTA) in September of 2015 having earned an academic honors award. Additionally, Jeff has obtained a variety of certifications issued by the Office of the State Fire Marshall in Basic Operations Firefighter, Technical Rescue Awareness, Hazardous Materials Operations, Fire Service Vehicle Operator, Vehicle Machinery Operations and Rope Operations. Upon completing the academy, Jeff entered the department's Probationary Training Program which was established to guide a new recruit through their first year of their career. Within the program, new employees are assigned mentors who help teach them the "Oak Brook" way, answer questions and help them grow into the role of a career firefighter. The program not only establishes six training benchmarks and evaluations leading up to a comprehensive final exam, but also employs a system of immediate feedback through daily performance worksheets.

In 2015, the Probationary Training Program of the Oak Brook Fire Department successfully brought Firefighter-Paramedics Sarie Turner, Gino Picciola and Connor Doran through their one year of training and off probationary status. Similarly, all Oak Brook Firefighters continue to pursue outside training and advanced State Certification training to further enrich their careers. Attending local seminars, hands on classes and drills allow firefighters to gain the insight of instructor's experiences from different areas of the state and across the country.

The primary goal and mission of the Fire Prevention Bureau is to reduce the risk of fire and accidents, while improving life safety in the Village of Oak Brook. The Bureau reviews new construction and renovation plans to assure that fire protection systems are laid out according to the International Fire Code. Over this past year, the Fire Prevention Bureau has experienced an increase in the number of plans it has reviewed. In 2015, plan reviewers Bill Hudson, Battalion Chief Kevin Fleege, and Lieutenant John Fagan conducted 173 fire alarm, sprinkler, and cooking suppression system plan reviews. Plan review is a financially self-sustaining service supported by the permitting fees associated with the particular project being reviewed. These plan reviews are followed by field inspections to confirm the work proceeds and is completed according to plan and code. This year, the Bureau conducted 1028 such inspections.

Once a business is up and running, the bureau conducts annual fire inspections to ensure ongoing public safety and prevent loss from a fire. This year the Bureau conducted 278 Alarm Detection Tests and 145 commercial and new residential Hydro Tests. In early 2015, Firefighters Sarie Turner, Jacob Arzer, Zack Busse, and Marc Johnson joined the team, bringing the total number of part-time inspectors to eight. The inspection team has made an outstanding effort to clear a back log of inspections and has seen a significant increase in compliance inspections. The Bureau also seeks to reduce the risk of fire and loss of life via public education. In 2015, the Fire Prevention Bureau provided 285 CPR certification classes, and taught fire safety classes to 8,535 people.



Oak Brook Fire Prevention Personnel proudly present fire and life safety programs to local schools, churches, businesses and healthcare centers throughout the year. These programs include:

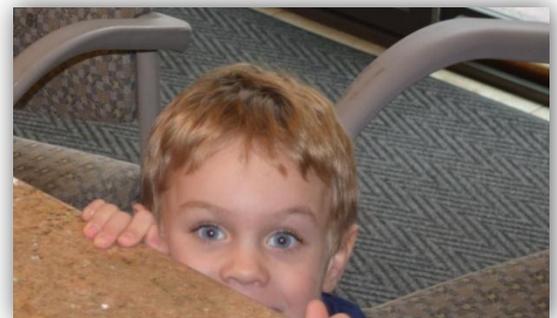
- ❖ CPR/AED training with American Heart Association certification
- ❖ Business evacuation education along with drills
- ❖ Fire safety programs for children K-12
- ❖ Fire extinguisher training
- ❖ Senior Citizen safety programs



Fire prevention personnel actively participate in numerous annual events locally such as Brook Forest School Exploremore Days, Village of Oak Brook Taking Care of Business Day, Taste of Oak Brook, Athletico CPR Day,

Summer Family Fun Fest, Oktoberfest and local parades with surrounding towns.

The Oak Brook Fire Department also proudly provided the use of its fire apparatus bay at Station 94 to accommodate the 3<sup>rd</sup> Annual Village of Oak Brook Fire and Police Charity Pancake Breakfast and Open House. This annual event showcases both Fire and Police personnel and equipment with good food, fun and activities for the whole family. Numerous raffle prizes and auction items raised over \$2500 to support several charities including the Make-A-Wish Foundation, Ronald McDonald House Charities, Illinois Fire Safety Alliance and the Law Enforcement Torch Run for Special Olympics.



The department's Hazardous Materials (Haz-Mat) response team works effectively with other agencies to mitigate any hazardous materials incident encountered. Oak Brook is home to several large commercial facilities that could pose hazardous material risks including responsibility for a portion of Interstate 88 and 294. Everyday trucks and carriers navigate these roads transporting a wide variety of licensed hazardous materials.

The 5 members of the department's team are trained to the Hazardous Materials Technician B level. This is the highest level of training recognized by the Illinois Office of the State Fire Marshal. In addition, Lt. John Fagan and Firefighter Glen Washington are trained to operate the Radiological Isotope Identification Device (RIID). This sophisticated device can detect this type of radioactive material as well as the intensity of the radiation. Lieutenant Fagan also serves as a MABAS Division 12 Haz-Mat Specialist. Haz-Mat Specialists are deployed throughout the Division to advise command staff about what resources may be necessary to manage a haz-mat incident. Firefighter Washington is on the Illinois State Deployment Roster as a Haz-Mat Technician capable of deployment to a large scale incident anywhere in the state.



Lt. Fagan is also a Haz-Mat Specialist with Illinois Task Force One (IL-TF1). IL-TF1 is part of a national response team to large scale disasters such as floods, earthquakes, or terrorist events. Haz-Mat Specialists make assessments on a disaster scene to determine the correct protective equipment, and to predict viability of victims. Teams work in groups of 5, and are expected to be fully self-sufficient in the field during the first 72 hours of a disaster. There are only 210 rescue specialists in the state of Illinois. In June, Lieutenant Fagan was called out for two days as part of the taskforce response to tornado damaged Sublette, Il. The team conducted house to house searches through wreckage for victims.

Our team has one of the best drill attendance records in the division. In addition to the division training, three "in-house" drills for the whole department were conducted throughout the year. In May, the department reviewed the use and operation of Decon 12—a mobile mass decontamination vehicle designed for large scale exposure incidents. In October there was a review of the Haz Mat IQ system. This system enables first responders to quickly assess the risks posed by virtually any hazardous material.



In June, members of our team responded to a dangerous and life threatening anhydrous ammonia leak to our neighbors in Roselle. In August Batalion Chief Fleege and his crew managed a sizeable diesel fuel spill on Route 83. Laws which are in place allow us to seek financial reimbursement of costs associated with Haz-Mat incidents and associated clean-ups. The department received just under \$5,000 from the truck company responsible for the diesel spill. This amount covered the cost of expendable materials, equipment and personnel.

Squad 93 is equipped to decontaminate and clothe up to 50 victims of exposure. It is also equipped to manage chemical spills, and to detect radiation, acids, bases, flammables, oxidizers and polymerizing chemicals.



For 2015, Oak Brook's eight active divers attend various trainings and incidents. Divers participate and train with the MABAS Division 12 dive and swift water rescue team, which covers all of DuPage County. If needed, the team is capable of responding to surrounding counties throughout the State of Illinois, and national incidents as part of the Illinois MABAS task force.

Divers participated in 345 hours of training in 2015, covering all aspects of search, rescue,

recovery,

boat operations and swift water. Four divers completed Advanced Open Water/Adventure training and obtained certification at Haigh Quarry in Bourbonnais. One diver completed Swift Water Technician class.

Oak Brook hosted several drills, including swift water training in Salt Creek at Graue Mill, and open water dive training on the McDonald's campus. Divers also helped to train Oak Brook Firefighters in basic Water Operations class. We also participated and trained with Hinsdale Fire in surface ice rescue training at the pond located at the Dean Nature Sanctuary.



Oak Brook divers responded to two dive incidents in 2015, assisting Elmhurst Fire for a car in the water and to Hodgkins for a person who jumped off of a bridge into the Des Plains River.

Annually, all dive air cylinders, regulators, buoyancy control devices (BCD's), full-face masks, etc. are taken to local dive shops to be professionally serviced by certified technicians to ensure that all equipment remains in perfect working condition.



Oak Brook divers continue to train each and every month to remain a vital asset to the Village and surrounding communities.

**2015 TRT Training**

**January  
Equipment  
Familiarization/  
Maintenance**

**February  
Confined Space**

**March  
TRT and MAYDAY  
Response**

**April  
Deployment Drill**

**May  
Combined Division  
Response**

**June  
In House Training**

**July  
Swift Water/Rope  
Drill**

**August  
Confined Space  
Rescue**

**September  
Structural Collapse**

**October  
Rope Technical  
Rescue**

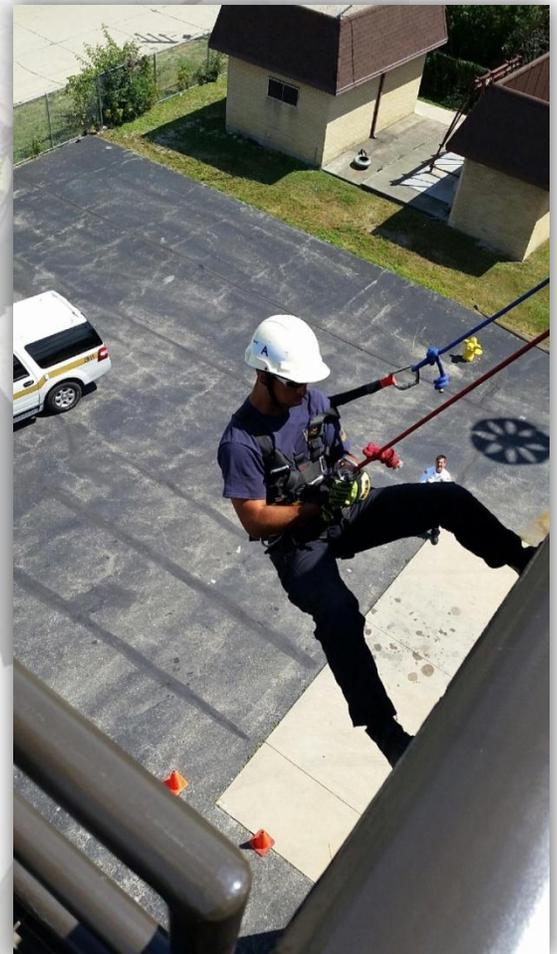
**November  
Structural Collapse**

**December  
Structural Collapse**

In 2015, over 100 hours of training occurred in the four disciplines of TRT, which consist of Trench Rescue, Confined Space Rescue, Rope Rescue, and Structural Collapse Rescue.

The Oak Brook Technical Rescue Team is comprised of the following members:

- ❖ Lt. David Kaczmarczyk (Coordinator)
- ❖ Matthew Bielawa
- ❖ David Corkey
- ❖ Shawn Swagler



After firefighters extinguish a fire, an investigation is launched to determine the cause and origin of the fire or explosion. Fire Investigators collect, analyze, and report detailed fire experience data through their on-site investigation. The report may contain a summary examining the growth and development from where the fire was ignited, smoke movement and control, as well as the extent of life loss, injury and property damage. The goal of the Fire Investigation Program is to identify the cause and origin of fires and explosions within the Village of Oak Brook in an adequate, effective, and efficient manner.



Oak Brook House Fire

The Fire and Police Departments team up to investigate structure fires within the Village of Oak Brook. In addition, Oak Brook Fire Investigators are members of the DuPage County Fire/Arson Investigation Task Force and assist other communities within the county with their investigations. Fire/Arson team members also attend monthly Task Force meetings and training to enhance their knowledge base and keep team members apprised of any changes in investigation techniques.

**Fires investigated in 2015:**

- ❖ Three house fires within Oak Brook Village limits
- ❖ Thirty-Seven calls outside Village limits for the DuPage County Fire Investigation Task Force

- ~17 Undetermined
  - ~13 Accidental
    - ~1 Assist / False Alarm
    - ~6 Incendiary
    - 3 Arrests
    - 3 Fatalities

The **2015 Training** - DuPage County Fire/Arson Investigation Task Force was as follows:

January – Death Investigations  
February – None  
March – Electrical Investigations  
April – Negative Corpus  
May – Fire Patterns

June – Explosives K-9  
September – “Year in Review” – Guest Speaker  
October – Gas Operated Heating Appliances  
November – METRA Train Emergency Preparedness  
December – Solar Panel

Lieutenant David Kaczmarczyk along with Firefighters Sean Kelly and Bill Nyhanna continue to voluntarily commit their time and effort serving as elite members of our Honor Guard. The Associated Fire Fighters of Illinois (AFFI) established a statewide Honor Guard program back in January of 1993. Their credo, “do whatever it takes” to honor a fallen firefighter if they make the ultimate sacrifice. Our members routinely participate in many ceremonies in both Oak Brook and throughout the state. Additional responsibilities of our members include planning and participating in any ceremonial events within the Village of Oak Brook. While the Honor Guard is supported by the Fire Department, members volunteer their time to accomplish their overall mission.



**2015 Engagements**



Participated in the Line of Duty Death memorial services for Urbana Division Chief Russell Chism and Matteson Firefighter/Paramedic Mark Zielinski

Coordinated and participated in funeral details for retired Oak Brook Fire Chief Jim Clark and Firefighter Frank Pine.

Presented the Colors at various Village board meetings for the swearing in ceremonies of Battalion Chief Fleege, Lieutenant Fagan, Firefighter/Paramedics Doran, Kushner, Picciola and Turner.

Along with the Police honor guard, presented the Colors at the Village board meeting for the swearing in ceremony of the Village’s elected officials and the 9-11 Patriot Day ceremony outside Village Hall.



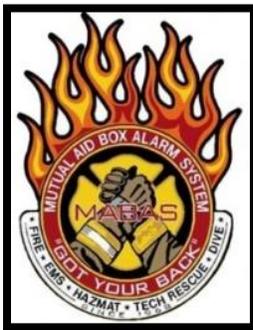


**Advocate Good Samaritan Hospital Emergency Medical Services System**

Advocate Good Samaritan Hospital Emergency Medical Services System (GSEMSS) located in Downers Grove has more than thirty years as an Illinois Department of Public Health approved Resource Hospital. The GSEMSS currently represents seven associate hospitals and 20 EMS municipal departments, fire districts and private providers. GSEMSS has been dedicated to providing high quality pre-hospital education and continuing education for paramedics serving the Village of Oak Brook and the surrounding metropolitan area. GSEMSS is one of four EMS Systems that make up EMS Region 8 within the State of Illinois, covering a large geographic boundary served by the other hospitals of Central DuPage, Edwards and Loyola.

**DuPage Public Safety Communications**

DuPage Public Safety Communications (Du-Comm) is an intergovernmental agency established back in 1975 to provide emergency communications services to police, fire, and emergency medical services. DU-COMM, which is situated in Glendale Heights is a large consolidated public safety communications center in Illinois and currently serves forty-one (41) member agencies and over 800,000 residents in DuPage and neighboring counties. DU-COMM receives requests for Police, Fire, and EMS via 45 incoming 9-1-1 lines. In 2014 DU-COMM processed over 1.1 million phone calls and 584,000 police and Fire/EMS incidents. Municipalities and fire districts have worked together to provide a high level of service to their citizens in public safety communications.



**Mutual Aid Box Alarm System (MABAS)**

The Mutual Aid Box Alarm System (MABAS) was established in the late 1960's to provide and coordinate in an automated, effective and efficient manner, the response of mutual aid fire, EMS and specialty team personnel and equipment during emergencies and disasters in support of any agency faced with an incident that exhausts all of their internal capabilities and available resources. Today, the MABAS organization includes approximately 35,000 of Illinois' 40,000 firefighters who staff emergency response units including more than 1,500 fire stations, 2,495 engine companies, 469 ladder trucks, 1,100 ambulances (mostly paramedic capable), 297 heavy rescue squads, and 788 water tenders. Fire/EMS reserve (back-up) units account for more than 1,000 additional emergency vehicles.

Our Division, Division 12 is comprised of 20 municipal fire departments and fire protection districts located mainly in DuPage County within proximity to Oak Brook. DU-COMM, the MABAS 12 dispatch center, is also a member. Division 12 also supports teams specializing in response to hazardous material, water rescue and technical rescue incidents, utilizing a cost effective and consolidated approach. All MABAS Division 12 members meet on a monthly basis, affording an opportunity to strategically plan, discuss and coordinate activities, needs assessment and training. Additionally, MABAS Division 12 agencies participate in multi-agency training, gaining operational familiarization when operating at a large scale event.



**Paramedic Services of Illinois, Inc.**

Since 1989, Paramedic Services of Illinois (PSI) has been providing supportive contractual paramedic/firefighter services to the department. PSI currently provides the department with six (6) paramedics/firefighters distributed over three shifts, operating 24 hours a day, seven days a week. Reflecting nearly 26 years of service, the department and PSI have developed a long and successful relationship.

*~I am a heart patient and August 10<sup>th</sup> I had a breathing problem. I called 911 and by the time I got my purse with ID etc., the Oak Brook Fire Department and ambulance was at my door. I thank the department personnel for the speed and efficiency preparing me for the trip to Good Sam. Thank you and God Bless.~*

*~My Dearest Friends: My wife wound up with a fractured hip and required surgery and rehab at Marion Joy. This is my first opportunity to thank you for your expedience, compassion, professionalism and courtesy to her. You are the best and words are hard to come by to thank you enough. You make us proud residents since 1973. Again, we thank you. God bless you for the difficult profession you undertake. ~*

*~Members of the Oak Brook Fire Department, We wish to extend our sincere appreciation for your thoughts and prayers during our very difficult time. We took comfort knowing that firefighters from all over the nation were supporting our family. It is hard to express the thanks we would like to extend for all the help, thoughtfulness, and sympathy you provided during this challenging time. Sincerely, Members of the Oak Park Fire Department ~*

*~About six weeks ago, I had an incident with my fireplace and had to call 9-1-1. The response was immediate and the members that came were very efficient. They should be commended for their excellent help. ~*

*~This afternoon a team of Oak Brook FD paramedics responded to our office 9-1-1 call initiated by another attorney who found our office manager unresponsive. The team arrived quickly and due to elevator problems, carried the patient down eight flights of stairs to the ambulance, and then to Elmhurst Hospital. She is going to be OK and now that we are all relieved to hear that, I want to make sure to let you know how well our department responded, and to commend everyone involved. I was not present when all this occurred, so do not have any individual responder names. I very much appreciate our Oak Brook Fire Department and on behalf of everyone here at our firm, convey our thanks to you on behalf of the personnel who did an outstanding job today. ~*

*~On behalf of the members of the Chicago Fire Department, I would like to take this opportunity to thank you and all the departments who participated in the services for Firefighter Daniel Capuano. Your assistance in notifications to the neighboring departments allowed for an outstanding display of honor for our fallen hero. Please extend a heartfelt thank you to all the departments who attended the services and participated in the funeral procession or lined the route. Their participation demonstrated the true meaning of the respect of those who service with the fire service. ~*

*~I wanted to pass on a big thank you to the team that took great care of my mother during her recent respiratory failure episode. Your team did an excellent job in treating her, collecting all her medications and bringing her ID with her to the hospital. She is doing very well at Good Samaritan and should be released today.~*





## VILLAGE OF OAK BROOK

[www.oak-brook.org](http://www.oak-brook.org)

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**Clerk**

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***Riccardo F. Ginex***

***Assistant Village Manager / Finance Director***

***Sharon Dangles***

**Board of Fire and Police Commissioners**

***Edward Main, Chairman***

***John S. Pircon, Secretary***

***Judy M. Lucas, Commissioner***

