

OAK BROOK

Fire Department

2019 Annual Report

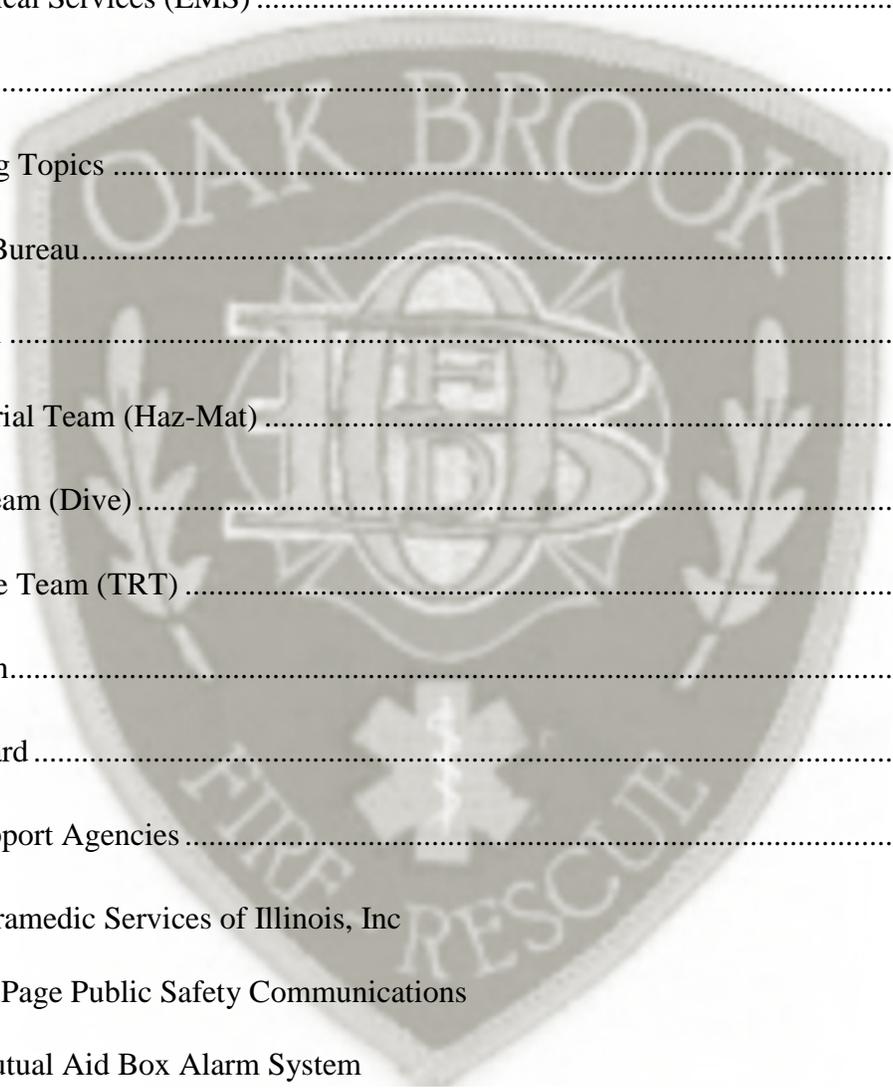


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A message from the Chief...

It is my honor to present the 2019 annual report of the Oak Brook Fire Department which details the many activities and accomplishments we have seen over the past year. Through the dedicated efforts of our entire organization, the Oak Brook Fire Department is committed in our delivery of the highest level of service to our community as we strive to protect life, property and the environment.

During 2019, with funding assistance from the Emergency Telephone System Board (ETSB), the department received and implemented a new state-of-the-art Computer Aided Dispatch (CAD) system, a fully integrated computerized station alerting system and mobile data computer terminals that has enabled the department to receive and respond to emergency incidents in a more efficient, effective, responsible and cost effective manner.

This past year, we have seen many of our members continue to attain necessary training and certifications in a wide variety of disciplines. We have continued to expand on the close relationships and partnerships that have been developed between ourselves and the departments of Oakbrook Terrace and York Center. This unique collaborative effort continues to grow and foster improved safety, efficiency and response times.

During 2019, we embarked on two ambitious projects. The first, addressed preventing First Responder collisions with the implementation of Alerting Safety Cloud software and hardware that provides free real-time digital alerts to our general public and motorists as they approach responding units and on-scene emergencies. The second involved a comprehensive evaluation of a new third party approach in managing on-duty injuries focusing on reducing overall costs while providing our personnel with rapid treatment, recovery and returning to work sooner.

We purchased a new ambulance with notable improvements in vehicular and personal safety, functional ergonomics and enhanced mechanical features. The purchase of additional protective paramedic body armor and ballistic helmets continues to better allow medical personnel to quickly and effectively provide care in an active and dangerous event.

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 Liss

Barry Liss
Fire Chief

Oak Brook Fire Department

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.

Oak Brook Fire Department

Values

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.

Oak Brook Fire Department

Vision

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

Outstanding Service

Accountability

Knowledge

Benevolence

Respect

Open Mindedness

Objectivity

Kindness

Foresight

Innovation

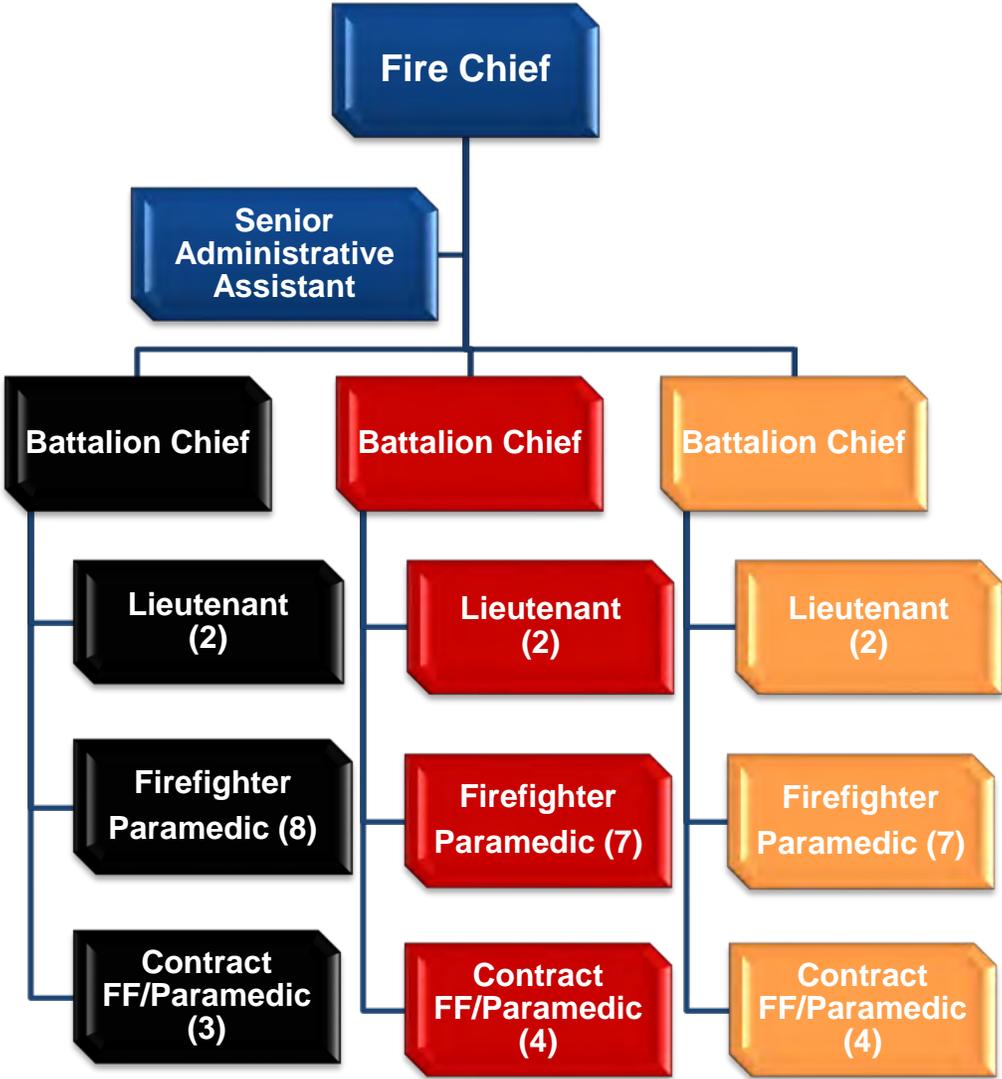
Responsibility

Excellence



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.

ORGANIZATIONAL CHART



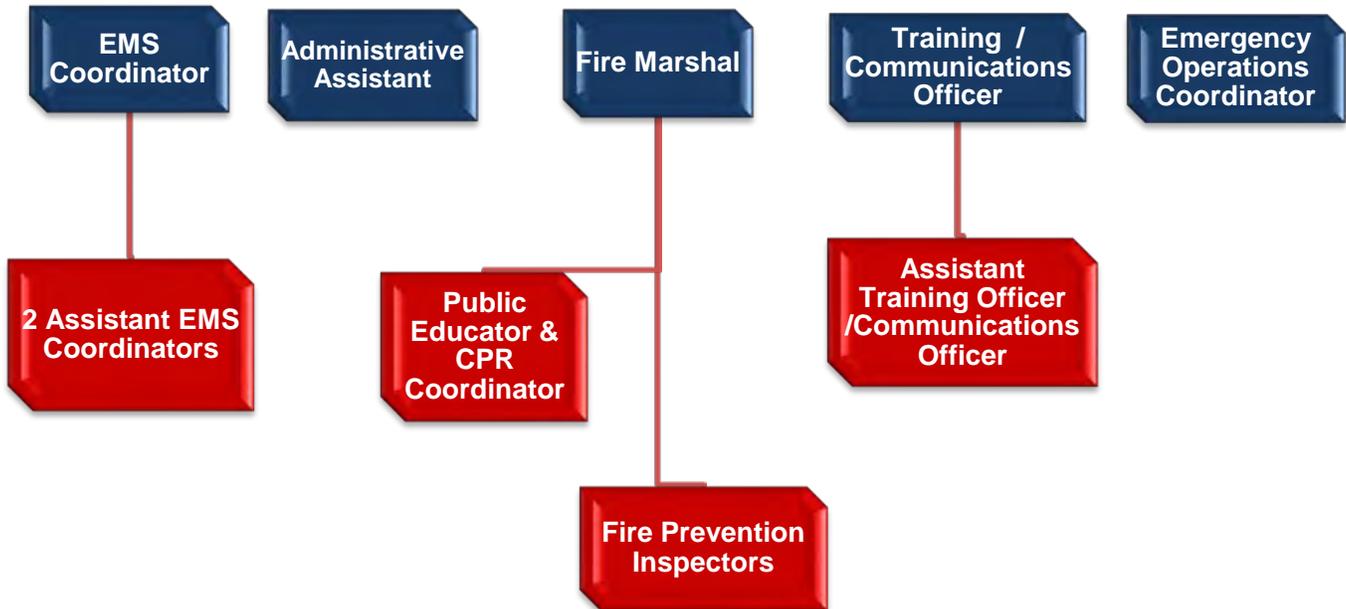
32 Sworn Personnel

22 Firefighter Paramedics
6 Lieutenants
3 Battalion Chiefs
1 Fire Chief

12 Civilian Personnel

1 Administrative Coordinator
11 Contract Paramedics

ORGANIZATIONAL CHART



17 Part Time Positions-Staffed From Full Time Personnel

- 1 Administrative Assistant**
- 1 EMS Coordinator**
- 2 Assistant EMS Coordinators**
- 1 Fire Marshal**
- 10 Fire Prevention Inspectors**
- 1 Training Officer/Communications Coordinator**
- 1 Emergency Operations Coordinator**
- 1 Assistant Training Officer/Assistant Communications Coordinator**
- 1 Public Educator / CPR Coordinator**

ADMINISTRATION DIVISION



Barry Liss
Fire Chief
5 Years



Rose Kane
Administrative
Coordinator
2 Years



Rev. Joseph Kovarik
Chaplain
20 Years

MEMBERSHIPS

DuPage County Fire Chiefs Association	Illinois Society of Fire Service Instructors
Federation of Fire Chaplains	International Association of Fire Chiefs
Good Samaritan EMSS	MABAS Division 10
Illinois Assoc. of Admin. Professionals	MABAS Division 12
Illinois Corps of Fire Chaplains	Metropolitan Fire Chiefs Association
Illinois Fire Chiefs Association	National Fire Protection Association

BLACK SHIFT



William Nyhanna
Lieutenant
12 Years



Jeffrey Marciniak
Battalion Chief
27 Years



David Kaczmarczyk
Lieutenant
14 Years



Michael Janney
FF/Paramedic
24 Years



Matthew Bielawa
FF/Paramedic
19 Years



Michelle Ruska
FF/Paramedic
19 Years



Nicholas Babcock
FF/Paramedic
11 Years



Robert Ebsen
FF/Paramedic
10 Years



Jeffrey Kushner
FF/Paramedic
4 Years



Thomas Sinclair
FF/Paramedic
3 Year



Arthur Romadka
PSI FF/Paramedic
18 Years



Ashley Beranek
PSI Paramedic
1 Year



Joseph Melone
PSI Paramedic
1 Year

RED SHIFT



Michael Pavlovic
Lieutenant
20 Years



Kevin Fleege
Battalion Chief
19 Years



John Fagan
Lieutenant
16 Years



Shawn Swagler
FF/Paramedic
26 Years



David Kornfeind
FF/Paramedic
16 Years



Sean Kelly
FF/Paramedic
14 Years



Robert Micek, Jr.
FF/Paramedic
12 Years



Jacob Arzer
FF/Paramedic
7 Years



Gino Picciola
FF/Paramedic
5 Years



Connor Doran
FF/Paramedic
5 Years



Mark Guerrieri
PSI FF/Paramedic
19 Years



Andrew Maka
PSI FF/Paramedic
4 Years



Diana Cruz
PSI Paramedic
1 Year



Ashley Welch
PSI Paramedic
1 Year

GOLD SHIFT



Brian Bitterlin
Lieutenant
24 Years



Gary Clark
Battalion Chief
27 Years



Michael Erickson
Lieutenant
19 Years



David Corkey
FF/Paramedic
20 Years



Glen Washington
FF/Paramedic
19 Years



Marc Johnson
FF/Paramedic
15 Years



Daniel Meyers
FF/Paramedic
13 Years



Kyle Matousek
FF/Paramedic
9 Years



Zachery Busse
FF/Paramedic
6 Years



Sarie Lorence
FF/Paramedic
5 Years



Danielle Ryan
PSI FF/Paramedic
14 Years



Nicholas Charlton
PSI FF/Paramedic
1 Year



Gleb Rudenko
PSI Paramedic
1 Year



Roberto Velez
PSI Paramedic
1 Year

PERFECT ATTENDANCE

The following employees of the Oak Brook Fire Department are recognized for their perfect attendance and dedication to the Village of Oak Brook throughout 2019.



Robert Ebsen



William Nyhanna



Michelle Ruska



Thomas Sinclair



RECOGNITION AWARDS

Unit Citations

On Saturday, April 13, 2019, Ladder 94 having initially responded to the 2nd Alarm apartment building fire in Oak Park was redirected to a second structure fire in Oak Park, a 2-story single family bungalow in the 700 block of Elmwood. Arriving several minutes ahead of the next follow company, Ladder 94 was faced with heavy smoke from the front and significant fire conditions in the rear. Ladder 94's crew singlehandedly worked aggressively to first determine there were no occupants or life safety concerns, deployed the first attack line, began effective extinguishment, positioned the aerial to the roof and performed vertical ventilation.



This incident validates the importance of teamwork as well as our ability to perform under tremendous odds calling upon our professional training and skills to accomplish a difficult task resulting in a favorable outcome.

Therefore, in recognition of everyone's efforts and actions; the following personnel are presented with this Unit Citation Award: Acting Officer David Kornfeind, Firefighter/Paramedic Robert Micek and Firefighter/Paramedic Gino Picciola. Job Well Done!

On Tuesday, July 16, 2019 at 17:40 hours, the departments of Oak Brook and York Center responded to the pregnant female inside her vehicle located in the 2900 block of Butterfield Road. Responding companies of both agencies found themselves faced with a 27-year old pregnant female with delivery immanent. Personnel from both agencies assisted on this EMS incident, evaluating the situation and immediately transporting the patient to Elmhurst. Upon arriving at the ambulance entrance, EMS personnel assisted the mother with a successful delivery of a healthy baby girl. Once stabilized, both mom and baby were taken directly to the obstetrical department. As a result of the effective and appropriate actions demonstrated by all members on the scene, both mom and baby girl did extremely well. JOB WELL DONE!



Therefore, in recognition of everyone's efforts, quick action, effective skills and proficiency in performing their duties; the following personnel are presented with this Unit Citation Award: Oak Brook Paramedic Services of Illinois Paramedics Andy Maka and Gleb Rudenko, Oak Brook Lieutenants

Brian Bitterlin and David Kaczmarczyk, Oak Brook Firefighter/Paramedics Marc Johnson and David Corkey, York Center Lieutenant Ken Kovarik and York Center Firefighter/Paramedics Scott Schraft and Rocky Reynolds.

On Wednesday, November 6, 2019 at 15:36 hours, the department responded to the injured roofer on the roof of a two story single family residency in the 200 block of Bridle Path Circle. Unable to move, combined with the precarious positioning of the patient, the incident became an extremely challenging rescue requiring significant effort and complex tactics by all responding personnel. At its peak, the rescue required the efforts of nine on-duty personnel utilizing technical rescue skills, equipment and EMS care to treat and safely bring the patient down off the roof.



Therefore, in recognition of everyone's effort, quick action, effective tactical skills, proficiency and dedication to duty while performing their actions; the following personnel are presented with this Unit Citation Award: Battalion Chief Fleege, Lieutenant Michael Pavlovic, Firefighter/Paramedics Jake Arzer, Connor Doran, David Kornfeind, Robert Micek, Gino Picciola, and Paramedic Services of Illinois Paramedics Diana Cruz and Mark Guerrieri

On Tuesday, December 30, 2019, first responders responded to the desperate call of a choking non-breathing child at a residence on Covington Court. The first arriving police officer initiated patient contact and attempted to manually relieve the obstruction. Arriving moments later, firefighter/paramedics continued care and were successful in their attempt to remove the obstruction and clear the airway. Following the immediate improvement of the child, paramedics continued advanced life support care and transported the child to a local hospital in remarkably good condition. This is another example of expert teamwork and performance of advanced skills when dealing with these types of emergency incidents that validates the excellent care we provide and the successful outcomes we witness.

Therefore, in recognition of everyone's efforts and life-saving actions; the following personnel are presented with this Unit Citation Award: Firefighter/Paramedics Connor Doran, Marc Johnson and Gino Picciola, Paramedic Services of Illinois employees Mark Guerrieri and Katherine Jenkins, Police Officers Justin Pearce, Bob Christopherson, Ryan White and Community Service Officer Ashley Vinson.

Individual Recognition

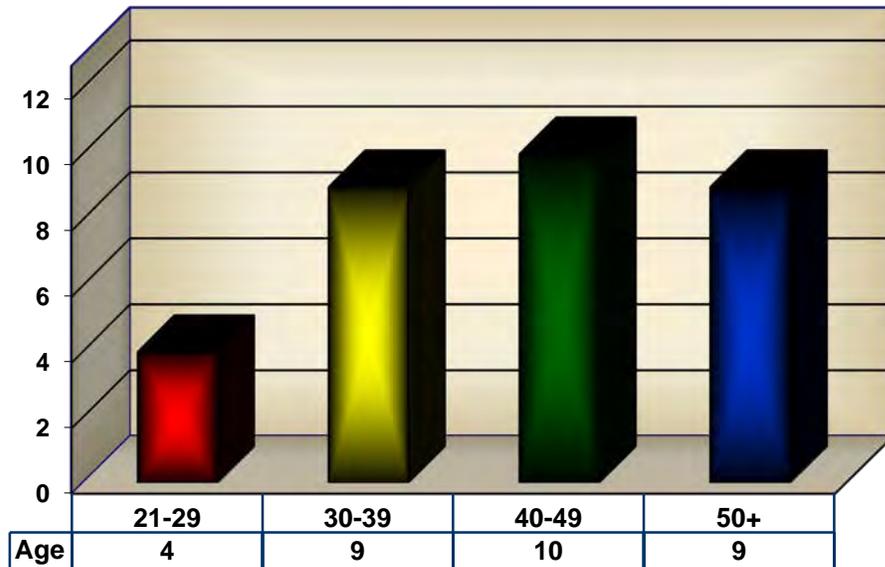
Having begun his illustrious career back on April 28, 1980 and ultimately voluntarily choosing to retire on February 26, 2019, Lieutenant Vassios has accomplished an extraordinary number of achievements and accolades that have established himself as a highly skilled, passionate, motivated and respected officer, not only amongst his peers and chief officers, but those he has gallantly and unselfishly instructed, mentored and commanded at the shift level.

Therefore, in recognition of his nearly 40 years of dedicated, proud and professional service protecting and serving the Village of Oak Brook, it is my pleasure to present this *Individual Recognition Award* to Lieutenant Theodore Vassios.

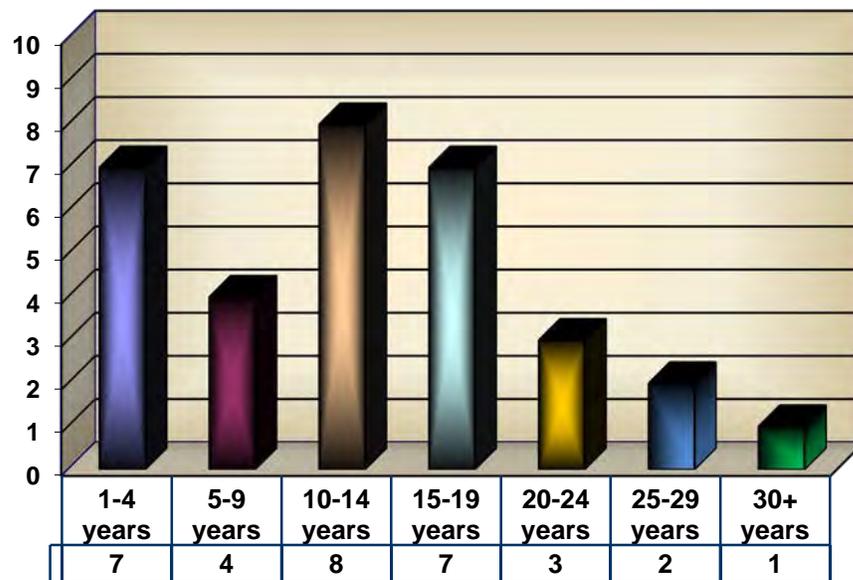


PERSONNEL DEMOGRAPHICS

Fire Personnel Age

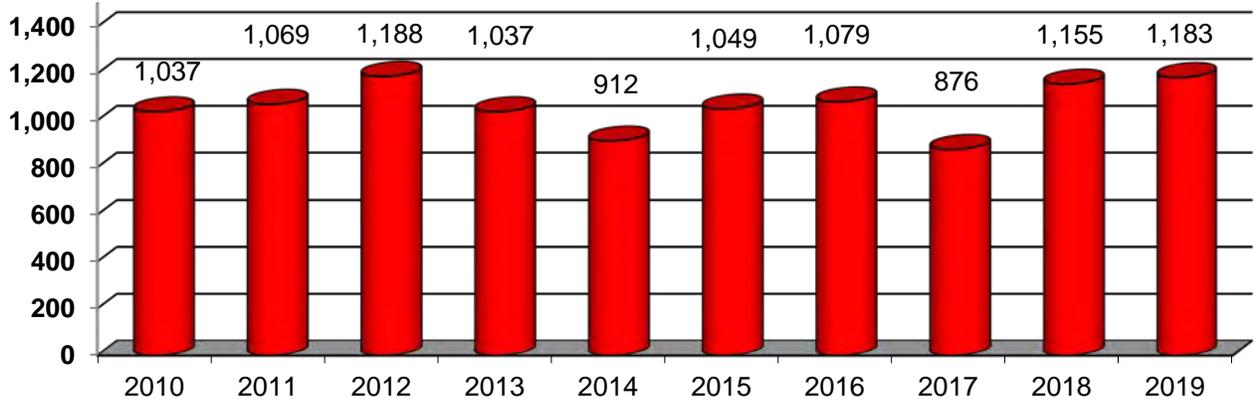


Years of Service

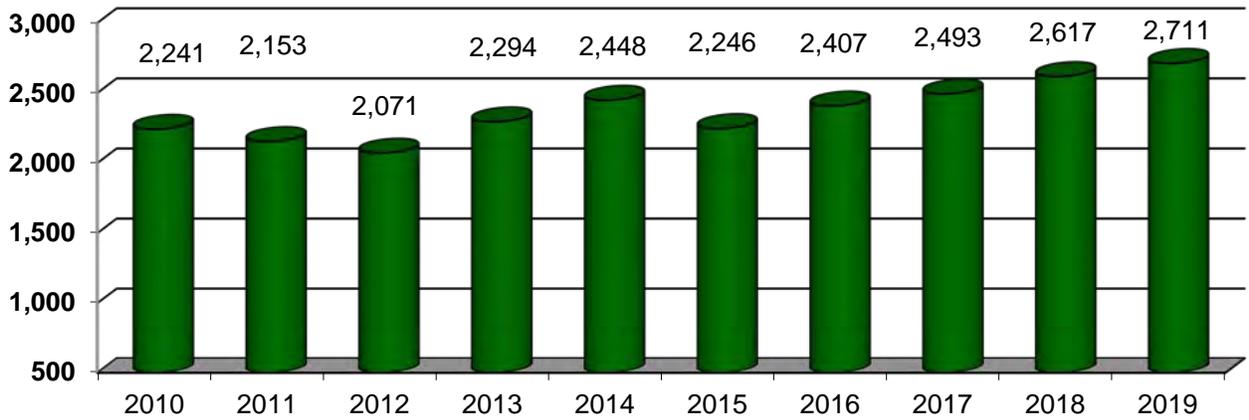


DEPARTMENT RESPONSES

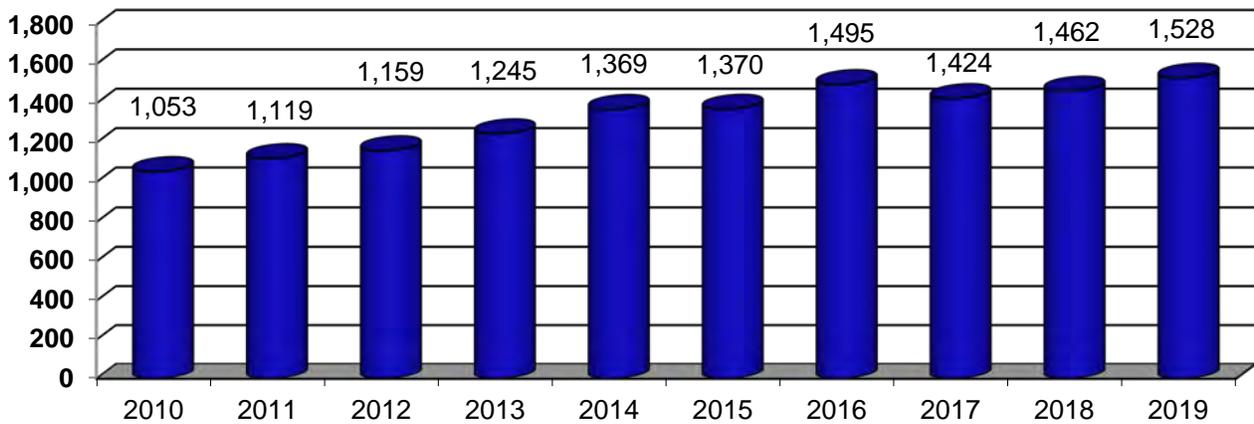
Fire Responses



Total Responses

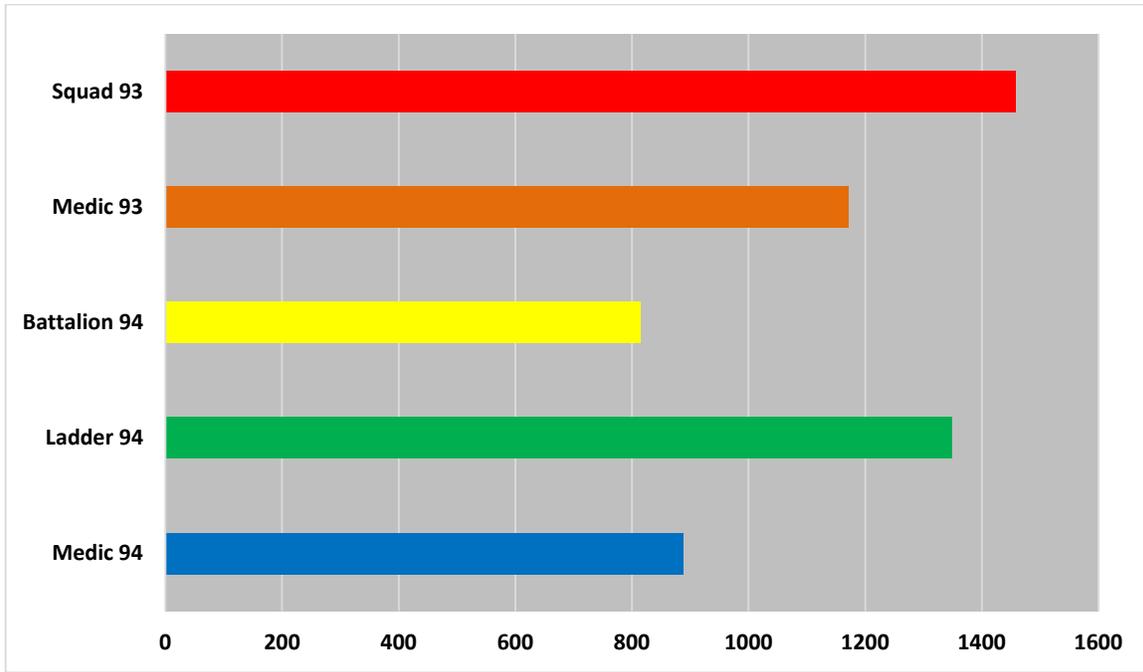


EMS Responses



RESPONSE BREAKDOWN BY VEHICLE

	2018	2019
Medic 94	995	889
Ladder 94	853	1,349
Battalion 94	745	814
Medic 93	889	1,171
Squad 93	887	1,458

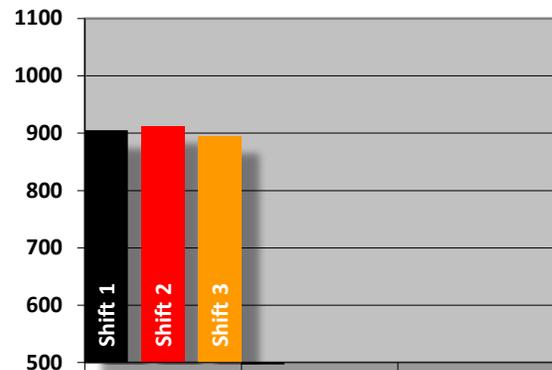
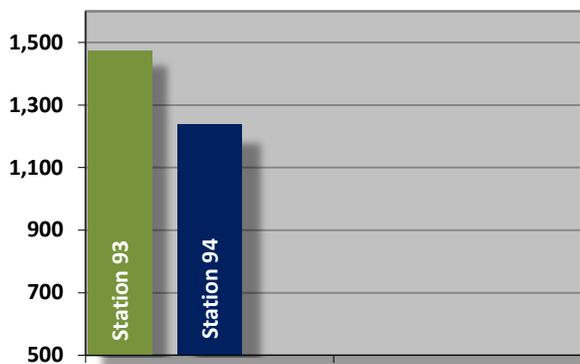


By Station

	2018	2019
Station #93	1,221	1,473
Station #94	1,390	1,238
Totals	2,611	2,711

By Shift

	2015	2016	2017	2018	2019
Shift 1 (Black)	754	764	884	905	905
Shift 2 (Red)	746	830	799	831	912
Shift 3 (Gold)	746	813	811	881	894



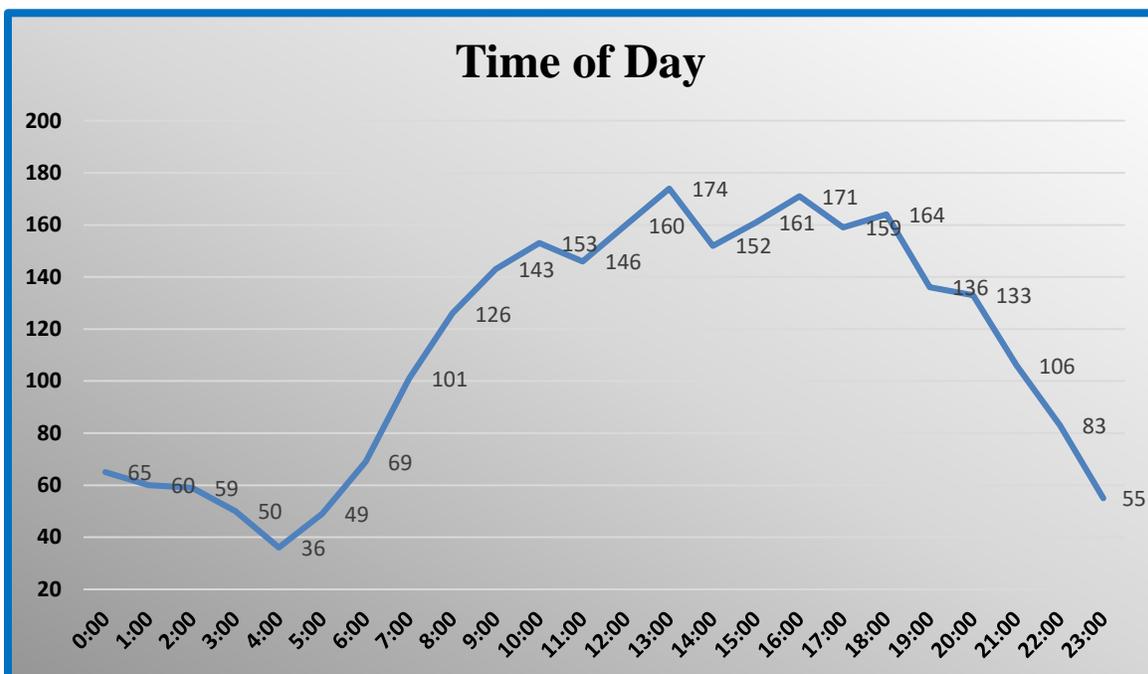
RESPONSES BY DAY OF WEEK

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
333	370	397	380	417	425	389

RESPONSES BY MONTH

January	254
February	217
March	198
April	202
May	248
June	230
July	246
August	231
September	223
October	201
November	201
December	260

RESPONSES BY TIME OF DAY



STATION 94 – 1200 OAK BROOK ROAD



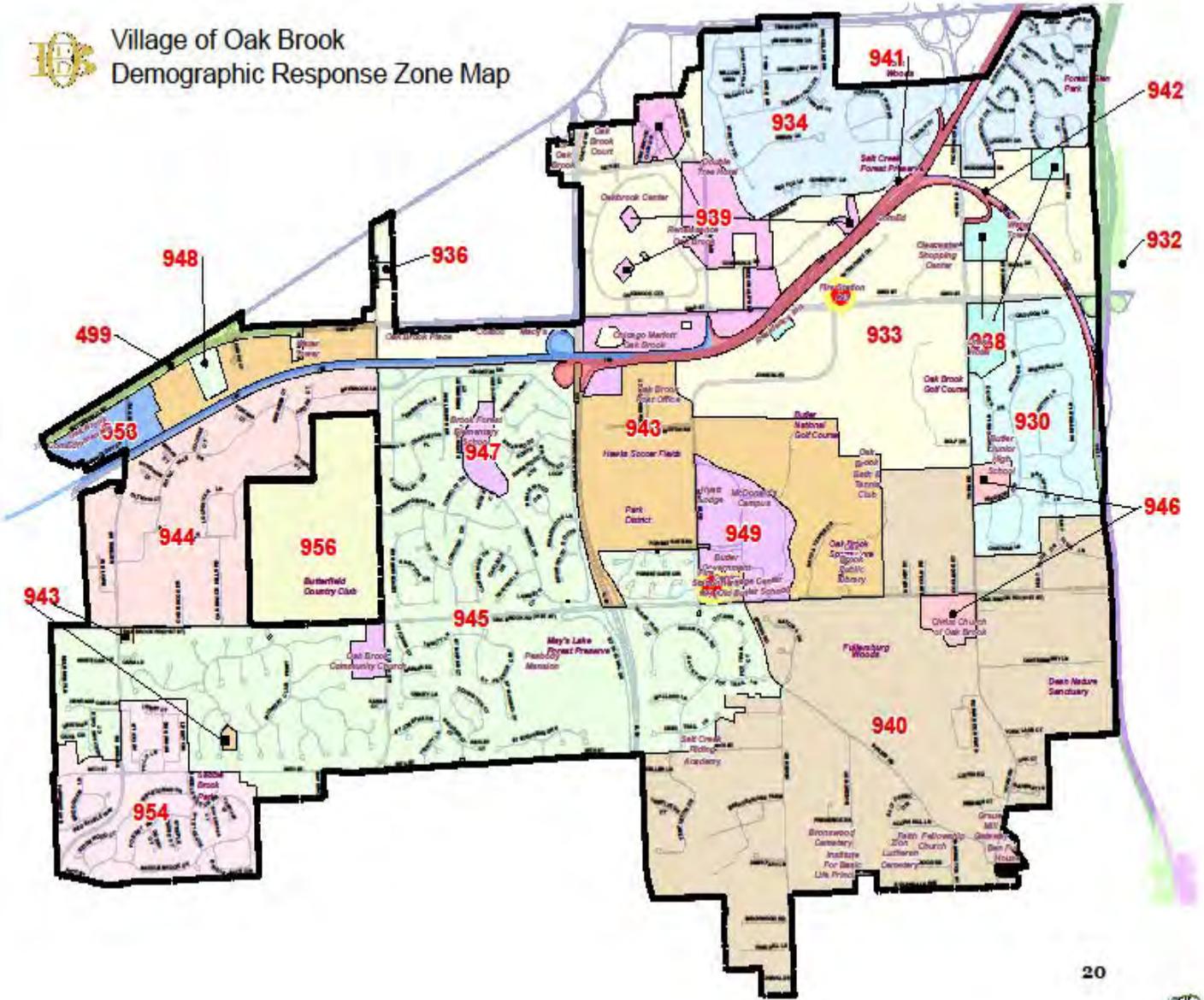
STATION 93 – 723 ENTERPRISE DRIVE



DEMOGRAPHIC RESPONSE ZONE MAP

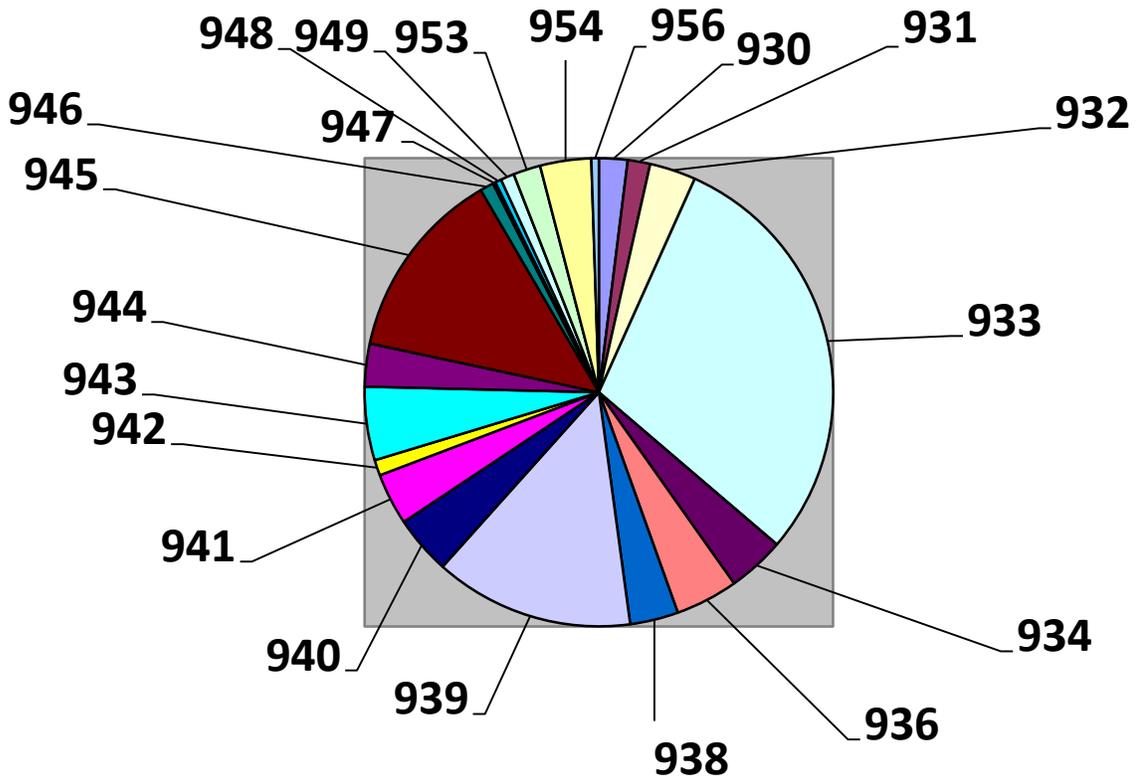


Village of Oak Brook
Demographic Response Zone Map



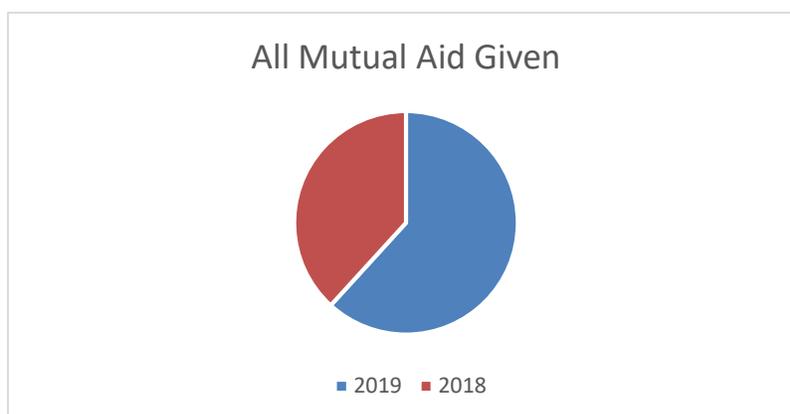
DEMOGRAPHIC RESPONSE ZONE CHARTS

Demographic Zone	2018	2019
930	38	42
931	29	33
932	70	68
933	626	629
934	65	84
936	79	92
938	54	71
939	292	293
940	93	86
941	100	76
942	26	23
943	165	108
944	71	63
945	262	282
946	8	20
947	6	4
948	9	9
949	39	20
953	5	40
954	39	75
956	14	11



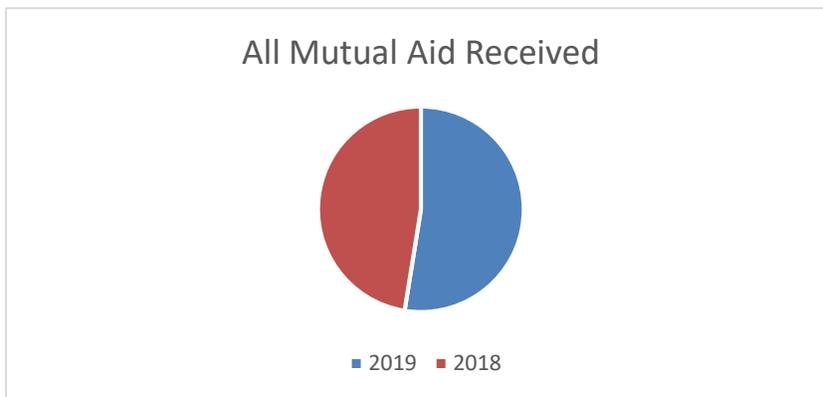
MUTUAL AID GIVEN

Villages/Towns	2018	2019
Addison	1	3
Argonne	0	1
Bensenville	2	2
Berkley	1	0
Bloomingtondale	1	0
Broadview	0	1
Brookfield	3	2
Carol Stream	1	0
Clarendon Hills	2	2
Darien-Woodridge	0	1
Downers Grove	1	7
Elmhurst	11	32
Forest View	1	1
Glen Ellyn	0	0
Hillside	3	3
Hinsdale	36	89
La Grange	0	0
Lisle-Woodridge	0	0
Lombard	16	48
McCook	0	2
Melrose Park	0	0
Oakbrook Terrace	124	154
Oak Park	0	2
Villa Park	5	6
Warrenville	0	0
Westchester	17	16
West Chicago	2	1
Western Springs	1	4
Westmont	33	49
York Center	77	120
<i>ALL MUTUAL AID GIVEN</i>	<i>338</i>	<i>546</i>



MUTUAL AID RECEIVED

Villages/Towns	2018	2019
Berkley	0	1
Clarendon Hills	2	1
Downers Grove	0	1
Elmhurst	18	12
Hillside	1	2
Hinsdale	10	2
Lisle-Woodridge	1	0
Lombard	12	20
Oakbrook Terrace	187	210
Roselle	1	0
Villa Park	8	2
Westmont	6	2
York Center	184	223
<i>ALL MUTUAL AID RECEIVED</i>	<i>430</i>	<i>476</i>



AVERAGE BASELINE RESPONSE TIMES

Medic 93	2019
Turnout Time	01:45
Travel Time	03:34
Total Response Time	05:19

Medic 94	2019
Turnout Time	01:41
Travel Time	04:28
Total Response Time	06:09

Ladder 94	2019
Turnout Time	01:49
Travel Time	04:47
Total Response Time	06:36

Squad 93	2019
Turnout Time	01:46
Travel Time	04:03
Total Response Time	05:49

Battalion 94	2019
Turnout Time	01:49
Travel Time	04:41
Total Response Time	06:30

All Units / All Department	2019
Turnout Time	01:46
Travel Time	04:16
Total Response Time	06:05

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.

5 YEAR CALL DELINEATION

Fire & Rescue

	2015	2016	2017	2018	2019
Assembly & Education	52	63	80	75	123
Residential	209	212	195	216	203
Business	98	130	106	136	130
Mercantile	117	117	148	140	131
Streets & Highways	108	105	142	151	104
Other Occupancies	16	3	1	4	2
TOTALS	600	630	672	722	693

Emergency Medical Services

	2015	2016	2017	2018	2019
Assembly & Education	176	181	165	160	219
Residential	533	570	558	571	673
Business	140	160	149	148	116
Mercantile	177	195	188	189	120
Streets & Highways	287	316	309	331	330
Other Occupancies	16	10	11	9	10
TOTALS	1,329	1,432	1,380	1,408	1,468



EMERGENCY MEDICAL SERVICES



Emergency Medical Services (EMS) are an important and significant aspect of the daily commitment of the Oak Brook Fire Department. This year, the overall call volume for the department was at 2,711 runs, with EMS related responses at 1,528 runs. EMS calls made up 56% of the total departments annual call volume. Oak Brook's EMS program provides properly trained paramedics to respond to any medical emergency within the Village or surrounding communities.

Oak Brook staffs its 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 2019, the department continued to maintain Squad 93 and Ladder 94 as ALS Non-transport vehicles, which allows firefighter/paramedics assigned to those vehicles to not only assist the ambulance crews but also deliver ALS care on their own if the ambulances are committed elsewhere and/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 twenty-five 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.

2019 Accomplishments

The required paramedic Continuing Education requirements for 2019 were met by department paramedics.

Good Samaritan EMS CE topics included;

- January – Cardiac
- February – Respiratory
- March – New SMOs / SMO app
- April – Behavioral / Autism
- May – Trauma
- June – CPR Recertification
- August – Pediatrics
- September – Stroke
- October – Street Drugs / Toxidromes
- November – Annual Infection Control Review & Updates



Practical skills included;

- ❖ January – CPAP
- ❖ February – Zoll X-Series Monitor Operations
- ❖ March – End Tidal CO₂ / Capnography
- ❖ April – Specialty Transport & Helicopter Ops
- ❖ May – Cardiology / Auto Pulse / AED / CPR
- ❖ June – Rehab Operations
- ❖ August – Intubation & Airway Adjuncts
- ❖ September – Pleural Decompression
- ❖ October – Binder Lift
- ❖ December - Advance Directives / POLST

In April, we took possession and placed into service a new 2019 Ford F-550 ambulance, identified as Medic 94, it is equipped with a number of new innovations and safety features including, air bags, air purification system, electrical/hydraulic stretcher system and solar panel powered air conditioning. As a result, Medic 95, a 2006 International, was decommissioned and sold.

With the change in patient reporting going to a computer cloud based program, *Image Trend*, per Good Samaritan requirements, iPads continue to be in service on front line medic units and streamline better care and reporting of the patient. In addition to the iPads, and due to technology advancement, the old cell phones were replaced and upgraded to iPhones. The phones now have the capability to notify the hospital via a web based program. This year, Carepoint / GD eBridge, a web based program was implemented by the department allowing Paramedics to notify the hospital of incoming Code STEMI's (ST – Elevation Myocardial Infarction, aka “heart attacks”), Stroke Alerts, Cardiac Arrests, Specific Behavioral Patients and Basic Life Support calls quickly and prior to transport and further treatment of the patient.

A new Zoll X Series Cardiac Monitor was once again purchased this year to replace an old Zoll X Series monitor. These monitors give the paramedic the ability to monitor a patient's heart rhythm, oxygen saturation, blood pressure and carbon dioxide level. They also allow the paramedic to pace, cardiovert and/or defibrillate a patient's heart when necessary. 12 Lead EKG's can also be done in the field utilizing these monitors, providing a quicker field diagnosis if the patient is having a heart attack.



In February, four new Powerheart G5 Automated External Defibrillators (AED's) were purchased to continue the replacement of the older models within the police department fleet and Village wide. Currently, there are 35 AED units village wide. These new G5 AED'S are not only smaller and lighter, but smarter than the previous model. They operate with the current American Heart Association Guidelines for Resuscitation and Emergency Cardiac Care and have the ability to give instructions in either English or Spanish. In December, an additional 5 AED's were added to the fleet and placed into service. Their new locations are the Village Administration Offices, West Wing Conference Room, Station 94 & 93 work-out areas, and Station 94 apparatus floor area.

In December, we took possession of an additional AutoPulse System with Pass Thru. This AutoPulse system is utilized on patients in cardiac arrest. It generates consistent and uninterrupted chest compressions, offering improved blood flow during cardiac arrest. The AutoPulse System with Pass Thru is considered a best practice adjunct to patient care.

FIRE SUPPRESSION



The Suppression Division has the overall responsibility to provide 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.

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.

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.



2019 MONTHLY TRAINING TOPICS

January – Several Training topics were covered during the month of January. The month started off with company officers completing a company assessment and setting expectations for the year for their companies. Department members also participated in a first-in company tactics table-top drill. The fire department also trained alongside the lifeguards of the Oak Brook Park District on potential emergency incidents at the park district pool. EMS continuing education covered child birth emergencies. Training between the consolidated group of Oak Brook, Oakbrook Terrace and York Center (YBT) consisted of a presentation on cancer awareness presented by the Firefighter Cancer Support Network.



February – Fire apparatus pump calculations was covered by one of the monthly drills during the month of February. Gear and uniform inspections were also completed during the month. The YBT group participated in a surface ice rescue drill hosted by Oak Brook at the Peabody Mansion. Oak Brook also hosted a second YBT drill during the month which consisted of Hazmat technical decontamination. All department members also participated in and were recertified in Advanced Cardiac Life Support (ACLS). The month ended with an active shooter awareness presentation facilitated by the Oak Brook Police Department.

March – This month all department members either attend or watched a video presentation on harassment/ethics training hosted by IRMA. The monthly company drills consisted of “calling the mayday”, single hand-line deployments, and slope evacuation. On-duty members also attended training with a flashover simulator hosted by MABAS Division 12. Violent patients were the topic of the EMS CE covered in the month of March. The YBT training for the month consisted of a walkthrough of one of the new Oakbrook Lakes complex located in York Center’s district.

April – Members were able to tour and review safety equipment and the newly erected Carvana. This month also brought on the department’s annual hose testing. The monthly company drills consisted of ambulance driving, SCBA confidence course, confined space awareness, and managing fuel spills. The YBT drill this month was a presentation by Superior Ambulance on helicopter safety followed by them landing their helicopter for a show and tell with our members.



EMS Continuing Education was a review on respiratory emergencies.

MONTHLY TRAINING TOPICS (Cont.)

May – Most of the month of May was spent finishing up with the testing the department's fire hose. Each individual length of hose needs to be tested annually to ensure its capabilities. Members reviewed uses, safety, and maintenance of all department's hand tools in the month of May. The final drill of the month consisted of aerial operations. This drill tasked members with setting up Ladder 94 as a company for various circumstances. The EMS drill for the month was a review on the use of DOU-DOTE auto-injectors.



June – During the month of June, the department was presented with a unique training opportunity. With the exit and sale of the McDonalds' corporate building, the department was giving permission to use the nine story building for fire department training. Along with our YBT group, members were able to work on skills such as FDC operations, hose advancing, search, and forcible entry just to name a few. The monthly company drills consisted of Hazmat mass decontamination and ground ladder deployment.

July – The month started off with the completion of the FSVO road course by all members. Companies also continued high rise firefighting training techniques at McDonalds. The YBT special operations training focused on trench rescue. The second yearly SCBA module was completed in July. This drill is intended to test members on donning and doffing their SCBAs. The EMS CE for the month was CPR recertification for all members. The monthly company drills continued with Hazmat mass decontamination as well as a review of our Chemical Biological, Radiological and Nuclear (CBRN) masks and Duo-Dote auto injectors.

August – The month of August brought on the final training at the former McDonalds' cooperative building. This training that was hosted by the Oak Brook Fire Department Training Division was a full-scale simulated high rise fire. The training was attended by twelve area departments with over 200 firefighters participating over the three days. This training was well received and our department as well as others learned a lot from this rare experience. The rest of the month was filled with drills on first-in company tactics for technical rescue incidents, banger ladder deployments, and rope incident anchors. The month's EMS drill covered strokes.



MONTHLY TRAINING TOPICS (Cont.)

September –The department’s vehicle extrication tools were reviewed during the first training of the month. Firefighter rescues were the focus of the second company drill for the month. The month’s company drills rounded out with companies using the department’s forcible entry door prop to practice forcible entry techniques. The second round of both hydrant testing and hose testing were also completed in the month of September. The YBT training focused on first-in company operations and was hosted by Oakbrook Terrace at the Drury Lane parking garage. EMS CE covered active shooter scenarios.



October – Monthly company drills consisted of the SCBA consumption drill, ERG book review, and PPE inspections. Good Samaritan Hospital hosted a webinar on the new E-bridge app that will be used by the department’s paramedics. The department participated in a combined multi-company training along with other departments from Division 12 hosted by the Addison Fire Department at their training tower. The monthly

YBT drill was hosted by OBT at a hotel under construction and focused on multiple company operations. Pediatric patients were the topic of the month’s EMS training. The month concluded with a building familiarization of the recently completed Lizzadro Museum.

November – The month started off with on-duty companies attending a propane fire simulator hosted by IFSI at the Addison fire department. Our department was also invited to participate in a multi-company operation training in Westmont at an acquired structure they had. The annual infection control training was the EMS topic covered this month. The month finished off with the remaining company drills which consisted of ropes & knots and hose line advancing.



December – All members completed an OSHA mandated Hazard Communication training in the month of December. Crews also reviewed and practiced using ERG books to identify hazardous materials. The final monthly company drill was focused on packaging patients in a stokes basket. There were two YBT trainings in the month of December. The first was hosted by Oak Brook and was a review of hazardous material monitors that the departments use. The second was a presentation by NICOR representatives on natural gas emergency response. The final EMS Continuing Education of the year consisted of cardiac and 12 lead ECG.



FIRE PREVENTION BUREAU

The mission of the Fire Prevention Bureau is to make the Village of Oak Brook a safe place to live, work or visit by reducing the risk of fire and life safety hazards through proactive education and fire code enforcement. The Fire Prevention Bureau conducts annual life safety inspections in occupancies within the community such as all businesses, hotels, mercantile, places of assembly and schools.



In addition to life safety inspections, the Bureau reviews fire alarm and sprinkler plans for not only new construction, but also occupancies undergoing renovation. These plan reviews are not limited to commercial construction and renovation; all new residential occupancies submit and later have their residential sprinkler systems reviewed and inspected as well. The purpose of the plan review and acceptance testing process is to assure that fire alarms and sprinkler systems

are designed and installed in accordance with the 2015 International Fire Code, associated NFPA codes and local ordinances as adopted by the Village.

The Fire Prevention Bureau continued to see an increase in the number of commercial sprinkler, commercial fire alarm, cooking fire suppression and residential sprinkler systems submitted for review in 2019. In 2019, plan reviewers, Battalion Chief Kevin Fleege and Lieutenant John Fagan conducted over 289 such plan reviews. Plan review is a financially self-sustaining service supported by the permit fees paid by businesses and homeowners submitting plans to the Village for review.



These plan reviews are followed by field inspections to confirm the work proceeds according to the approved plans and in accordance with locally adopted code. This year, the Bureau conducted 403 such inspections. Moreover, the Fire Prevention Bureau's eight part-time fire inspectors made 729 visits to the various occupancies in Oak Brook conducting inspections ranging from annual regular inspection to follow-up inspections and from fire alarm follow-ups to Knox Box installations.

In 2019, the Oak Brook Fire Department sent two inspectors to the Illinois Office of the State Fire Marshal Inspector I and II classes hosted by the Orland Park Fire Protection District. In addition, our inspectors attended several continuing education classes on topics including, but not limited to sprinkler systems, plan review and fire inspection considerations.

PUBLIC EDUCATION

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
- Citizen's Fire Academy



Through the active promotion of hands on CPR, CPR/AED training, first aid and fire extinguisher training, and other public safety education, the department provided public education services to over 10,000 citizens in 2019.

The Oak Brook Fire Department takes great pride and satisfaction in providing the residents of Oak Brook with an annual Citizen's Fire Academy in the Spring. This is a 10-week program which includes hands on experience in fire suppression, search and rescue, vehicle extrication, hazardous materials and confined space.

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, Mayslake Peabody Estate Wonders of Winter, Summer Family Fun Fest, Oktoberfest and local parades with surrounding towns.



Through a generous donation in 2019, a new Freddie, the Talking Fire Truck was purchased. Freddie can be taken to local events to help answer children's questions interactively.

The Oak Brook Fire Department proudly participates in the Butler School District 53 silent auction fundraiser; providing a certificate for a ride to school in a fire engine for the child of the highest bidder.

HAZARDOUS MATERIALS TEAM

The Oak Brook Hazardous Materials Response Team (HAZMAT) is comprised of specially trained and certified hazardous material technicians who specialize in detecting, containing and removing any release or potential release of hazardous substances in order to control, stabilize and mitigate an incident. Oak Brook is not unlike any other suburban community, having its share of hazardous material incidents including, but not limited to small flammable solid, liquid and gaseous spills, chemical liquid or aerosol spills, accidental noxious fume releases and more. The team is responsible for a portion of Interstate 88 and Interstate 294, as transportation vehicles of every size and capacity travels through and within the corporate limits of Oak

Brook. Considered low occurrence/high risk events, members of the Hazardous Materials Response Team must remain vigilant, well trained and always at the ready to respond at any time.



Oak Brook maintains six members trained to the Hazardous Materials Technician level. This is the highest level of training recognized by the Illinois Office of the State Fire Marshal. Firefighter Thomas Sinclair joined the team in 2019 and underwent technician training funded by a state grant program. Lieutenant John Fagan and Firefighter Glen Washington are

trained in the operation of the Radiological Isotope Identification Device (RIID). The RIID identifies radioactive materials. Lieutenant Fagan also serves as a MABAS Division 12 Haz-Mat Specialist. Haz-Mat Specialists respond to incidents and advise command staff on resources that may be necessary to manage the incident. Firefighters Glen Washington, Dan Meyers, and Tom Sinclair are all on the Illinois State Deployment Roster as Haz-Mat Technicians. In the event of a large scale incident anywhere in the state, they would respond. Firefighters Gino Picciola, Glen Washington, and Lieutenant Fagan also serve with the Federal Biowatch program as sampling technicians. The Biowatch program operates sampling stations throughout the country to monitor for bio-terrorist weapons such as Anthrax. In the event of a positive “hit” on a sampling station, technicians take additional confirmatory samples for the FBI and IDPH.

On March 20 of 2019, Oak Brook Haz-Mat Technicians responded to a commercial box truck on the interstate leaking sulfuric acid. In addition to the incident above, the department responded to 20 natural gas leaks, 8 fuel spills, and 5 carbon monoxide leaks. Thanks to the village “spiller pays” ordinance, the fire department was able to recover \$747.66 from chemical spills this year.



Currently the Hazardous Materials Response Team is well equipped to manage a moderately sized incident. Squad 93 is equipped to decontaminate and clothe up to 50 victims of exposure. It is also equipped to manage nearly any chemical spill, and to detect radiation, corrosive chemicals, flammables, oxidizers and polymerizing chemicals. The department also has the ability to suit out 6 technicians in level A plastic suits.

WATER RESCUE TEAM

The Oak Brook Fire Department continues to operate its Water Rescue Team. The team exists to serve the Village of Oak Brook and MABAS Division 12, which covers much of DuPage County. The team consists of 9 members of the fire department including 2 Lieutenants and 7 Firefighters.



Although, the team often trains alongside the rest of the department to ensure all fire department members are ready to assist in case of a water rescue incident. The Water Rescue Team is ready to respond to surface and sub-surface ice incidents, sub-surface “black water” incidents, swift water incidents and any call that would require a watercraft.

During 2019, Oak Brook divers responded to two water rescue incidents with MABAS Division 12. Our Water Rescue Team assisted Elmhurst and Forest View with cars in the water this year.

Training over the past year involved work on all related disciplines at over 35 drills or training events. In-town drills were conducted at the Bath & Tennis Club, McDonald’s Campus and Brook Forest. During early March, the Water Rescue Team provided safety divers for the Polar Plunge fundraiser for Special Olympics held at the Bath & Tennis Club. Members of the Water Rescue Team enhanced their credentials throughout the year by completing both PADI Open Water courses, swift water training and ERDI courses.

The Oak Brook Fire Department Water Rescue Team is one of MABAS Division 12’s largest and most active teams. Through consistent training, thorough care of equipment and response to a wide array of emergencies the Water Rescue Team will continue to be a vital asset to the Village of Oak Brook.



TECHNICAL RESCUE TEAM

2019 TRT Training

***January
Confined Space***

***February
Vertical/Rope***

***March
Trench***

***April
Collapse***

***May
Vertical/Rope***

***June
Confined Space***

***July
Trench***

***August
Confined Space***

***September
Vertical/Rope***

***October
Trench***

***November
Collapse***

***December
Vertical/Rope***



In 2019, 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)

Jake Arzer

Matthew Bielawa

Connor Doran

Shawn Swagler



FIRE INVESTIGATIONS

The goal of the Fire Investigation Program is to provide an adequate, effective and efficient program directed toward identification of the cause and origins of fires and explosions within the Village of Oak Brook.



Investigations are conducted in conjunction with the Oak Brook Police Department on structure fires within the Village. In addition, Oak Brook Fire Investigators are members of the DuPage County Fire/Arson Investigation Task Force (DCFITF) and assist other communities within the county with investigations. Investigators also attend monthly Task Force meetings and training to keep their knowledge and certification up to date.

Fires investigated in 2019:

- Within Village Limits
 - 5 Vehicle Fires
 - 2 Residential Structure Fires
 - 1 Multi Residential Fire
 - 1 Outside Brush / Mulch Fire
 - 4 Commercial
- Outside Village Limits – DCFITF Call outs
 - Carol Stream
 - Elmhurst
 - Wheaton
 - West Chicago
 - Lombard



The **2019 Training** - DuPage County Fire/Arson Investigation Task Force was as follows:

- January - Ventilation Effects for the Fire Investigator
- February - Protect Thyself - NICOR
- March - Mechanical Systems
- April - Vehicle Fires
- May - State's Attorney Role in the Fire Investigation
- June - Forensic Electrical Investigations
- September - Annual Recognition Banquet – FBI Presentation
- October - Diagrams
- November - Weapons of Mass Destruction

HONOR GUARD



The Associated Fire Fighters of Illinois (AFFI) established a statewide Honor Guard in January of 1993. This branch of the AFFI is a group of men and women who do “whatever it takes” to honor a fallen firefighter if they make the ultimate sacrifice while on duty. In 2019, Oak Brook Honor Guard member’s LT/PM Dave Kaczmarczyk, FF/PM Sean Kelly, LT/PM Bill Nyhanna participated in a number of ceremonies in both Oak Brook and throughout the state. All three members attended a minimum of three separate drills that covered drill and ceremony, flag posting, marching, and casket guard to name a few. These drills prepare participants in the event of a Line of Duty Death (LODD). In addition to responsibilities of the AFFI Honor Guard, these members also take on the task of planning and participating in any ceremonial events within the Village of Oak Brook.

2019 Engagements:

Members attended the Annual AFFI Honor Guard Convention and Induction Ceremony in Collinsville, Illinois.

Participated in the LODD services for Godfrey, Illinois Captain Jacob Ringering. Official AFFI Honor Guard activation.

Presented the Colors at the Village board meeting for the swearing in/promotion ceremony of LT/PM Bill Nyhanna.

Presented the Colors at the Village board meeting for the swearing in ceremony of Probationary Firefighter/Paramedic Eric Focht.

Members traveled to Colorado Springs, CO and participated in the IAFF fallen firefighter’s memorial weekend.

Along with the Police Department Honor Guard, participated in the Village’s 9/11 ceremony.

The AFFI Honor Guard Oath:

***To Honor, To Cherish, To Remember, to Salute,
with overwhelming pride, for you my comrade I will.***



AFFILIATE AND SUPPORT AGENCIES

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.



DuPage Public Safety Communications

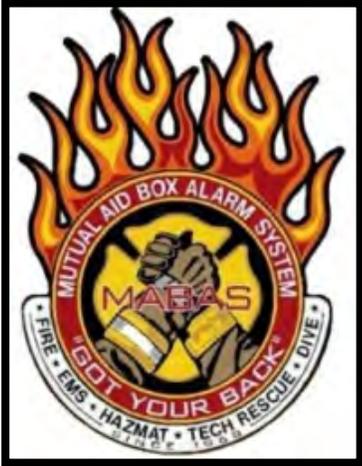
DuPage Public Safety Communications (Du-Comm) is an intergovernmental agency established back in 1975 to provide emergency communications services to police, fire, and emergency medical services. DU-COMM, which is situated in Glendale Heights is a large consolidated public safety communications center 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.



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.

AFFILIATE AND SUPPORT AGENCIES (Cont.)



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.

APPRECIATION LETTERS

On behalf of the Lombard Fire Department, I would like to take this opportunity to thank you and your members for assistance at our most recent structure fire on Tuesday, October 29, 2019.

On behalf of Butler School District 53, I wanted to take a moment and thank your department for being an integral part in organizing the most heartfelt and moving 9/11 remembrance ceremony that we have ever attended.

On behalf of the Westmont Fire Department, I wish to express our sincere appreciation for the assistance rendered by your Department for the structure fire on Grant Street on August 28, 2019.

My mother had fallen and struck her head while shopping, requiring immediate medical assistance. The response from the department was quick with excellent care, kindness and understanding. I cannot say enough about the considerate treatment she received. Thank you.

I am writing to thank you and the members of your department for their help with the care provided to my mother-in-law. If not for their efforts, the outcome may not have been so positive. We very much appreciated all of your help. Thank you.

Just a note to say thank you for the work your Fire Prevention Bureau performs to ensure our fire safety on a daily basis. Their courteous, thoroughness and wealth of information regarding fire safety makes us feel secure. Thank you for a professional job. Well done!



VILLAGE OF OAK BROOK

www.oak-brook.org

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