



# THE LIBERTYVILLE FIRE DEPARTMENT

ANNUAL REPORT, 2018





## Message from Chief Carani

Mayor Wepler, Village Trustees, Libertyville and Rockland Fire District Trustees, Village Administrator Kelly Amidei and the entire Libertyville Fire Department community; on behalf of all the members of the Libertyville Fire Department, I am proud to present our first Annual Report.



In 2018, the Libertyville Fire Department was a busy place completing a number of projects and responding to a record number of emergency calls for service. In our Emergency Services Division, all training records were updated to be in compliance with the Insurance Services Office (ISO) and the Illinois State Fire Marshal's mandated changes. The Department is participating in the Lake County 911 Regional Dispatch Consolidation Group in an effort to develop a plan to consolidate dispatch services in Lake County. In our Support Division, vehicle inventories were completed for all fire apparatus. A new fire engine and ambulance were delivered and put in service. In our Administrative Division, the process to evaluate our records management system was started in tandem with the 911 consolidation effort. Fire Officer Development continued focusing on Incident Command training and policy & procedure review. A comprehensive review of our internal policies was completed by our intergovernmental insurance cooperative, IRMA; the Fire Department received a score of 99%. In our Fire Prevention Division, we continue to educate children in our Risk Watch Program which now encompasses every grade school in the Village and Fire District.

In October, the Fire Department started providing fire and emergency medical services to Knollwood after a joint agreement with the City of Lake Forest and the Rockland Fire Protection District (RFPD) was completed. This completed a three year effort to complete an agreement with the RFPD. This agreement provides Knollwood with Libertyville and Lake Forest fire department services and allows each department to back each other up when the need occurs. The agreement also resulted in an additional \$125,000 of revenue to the Village with no increase in staffing needs.

The Fire Department was an Assistance to Firefighter Grant recipient in 2018 for \$58,582 to update and maintain our station vehicle exhaust systems. The Fire Department has been very fortunate and successful in securing grant funding which has helped defer the cost of many capital expenditures.

It is a privilege to serve the residents of Libertyville and the surrounding Fire Protection Districts. I want to thank the members of the Libertyville Fire Department for their dedicated service and professionalism. The ability to provide the highest quality of service to our residents is a reflection of their compassion, dedication, and respect. I would also like to thank the Mayor, Trustees, and Village Administrator for their support and assistance throughout the year.



## About the Fire Department

### Table of Contents

- About the Fire Dept. - 2
- Fire Prevention - 3
- Public Education - 4
- Training - 5-6
- Call Volume - 7
- Budget - 8
- Statistics - 9-10
- Mission - 11
- New Purchases - 12

The Libertyville Fire Department, led by Fire Chief Rich Carani, is committed to providing residents of the Village, Libertyville Fire Protection District, and the Rockland Fire Protection District quality fire, rescue, and emergency medical services in the most cost effective and efficient manner.

The Department preserves Fire Department history and tradition, while facilitates partnerships with all members of the Village and Districts to make Libertyville a better place to live and work. The Libertyville Fire Department's mission is performed with dedication and professionalism.

Fire Station #1 (Headquarters)



Fire Station #2



Fire Station #3





# Fire Prevention Bureau

The Fire Prevention Bureau (FPB) is staffed by one Assistant Fire Chief/Fire Marshal and one part-time civilian fire inspector. The FPB is responsible for all Fire Prevention activities in the Village of Libertyville and Libertyville Fire Protection District (LFPD). The LFPD services the Village of Green Oaks, parts of Mettawa, and areas of unincorporated Lake County. The FPB is responsible for fire inspections, plan reviews, testing of life safety systems, fire investigations, and public education. Libertyville Fire has 2,159 inspectable properties. These are broken down into semi-annual, annual, and 18 month inspections. These were accomplished utilizing the three shifts and day personnel.

## Fire Safety Inspections



## Plan Reviews



The fire department is tasked with investigating all structure fires in its jurisdiction. In 2018, 11 investigations were completed on both structure and vehicle fires. In 2018, between one and four investigators were used at each incident with 62.75 total investigation hours. Fire department investigators responded mutual aid to three structure fires outside the department's jurisdiction totaling an additional 14 investigation hours. The Fire Department utilizes four personnel for investigations, the two members of the FPB, and two firefighters from shift.

**FIRE LINE DO NOT CROSS**

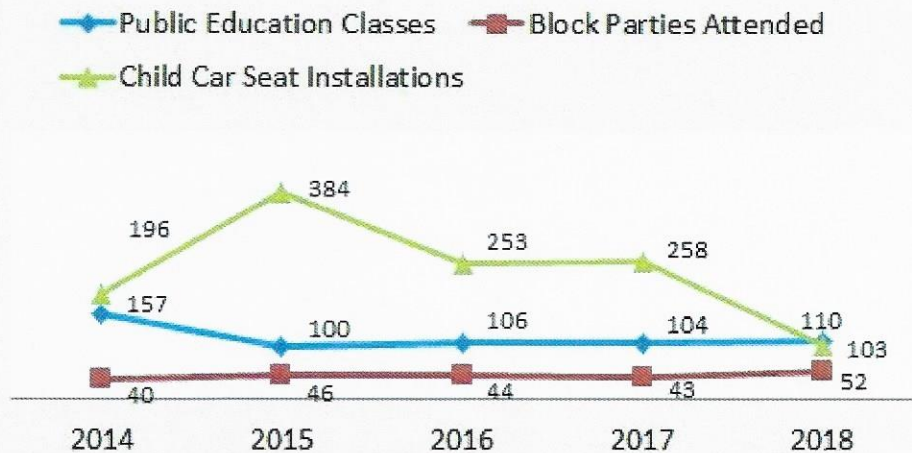


# Public Education

The Fire Prevention Bureau's primary mission is to coordinate a range of programs and activities geared toward adults and children of all ages throughout the year.

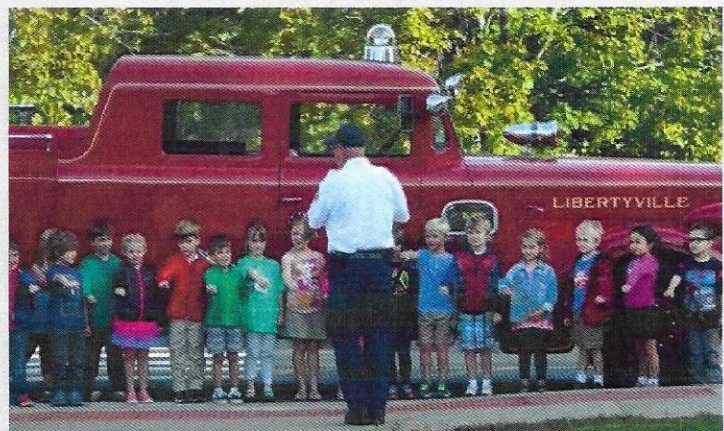
Our goal is to educate the public. Ultimately, that is what community risk reduction programs are all about—protecting those we serve.

## Public Education



Public education is accomplished utilizing both shift and day personnel. Risk Watch is an example which is performed in several schools, both in the Village and District. Fire extinguisher classes, tours, lunch in the park, and open house are some other examples of the types of classes/events performed by the members of the fire department.

- Some of the activities include:
- Station Tours
- Fire Safety Talks (Adults & Children)
- Child Safety Seat Inspections
- Blood Pressure Screenings
- Fire Extinguisher Training
- Home Safety Inspections
- Tornado Safety Instructions
- Smoke Detector Replacement
- Fire Drills
- Block Parties
- Kindergarten Fire Truck Rides





# Training Division

Calendar year 2018 has seen significant strategical development in the Department's training management system (Target Solutions). Target Solutions has become an outstanding administrative platform for managing daily training activities and is an overall comprehensive data collection point. Scheduling events, documenting and monitoring individual assignment progress, report generation, and information distribution

NAME	DUE DATE
Compliance Training Annual Training Trackers	Dec 31, 2019
Officer Training Annual Training Trackers	Dec 31, 2019
Annual Paramedic Continuing Education Emergency Medical Services	Dec 31, 2019
Hazardous Materials Operations Re-Certification Re-Certifications	Aug 01, 2021
Rope Operations Re-Certification Re-Certifications	Aug 01, 2021

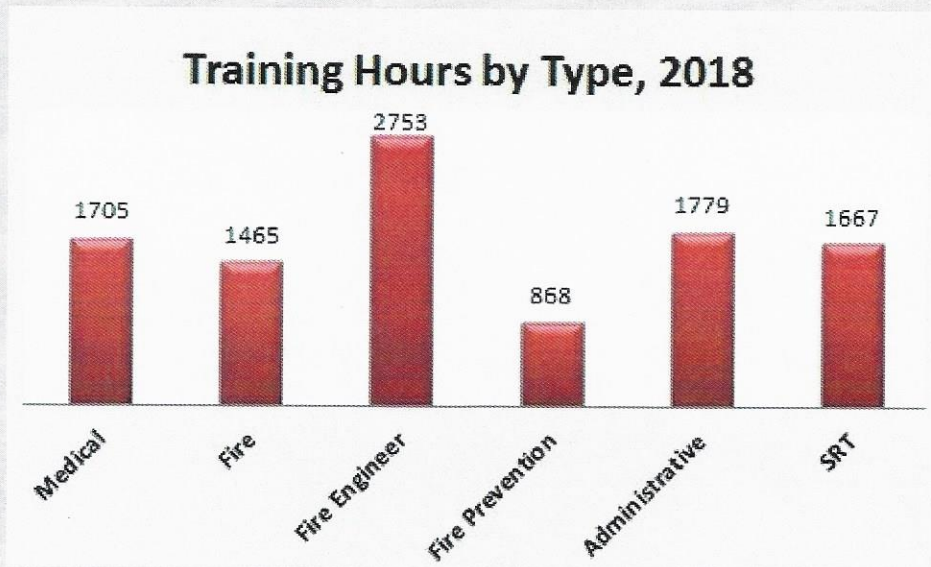
are all completed using Target Solutions. For years, the Libertyville Fire Department has conducted extensive training in all emergencies and regulatory compliance education. Categorizing and analyzing this data in a logical format for individual credentialing and organizational performance has been challenging. Target Solutions has been instrumental in resolving these challenges.





## Training Division (cont)

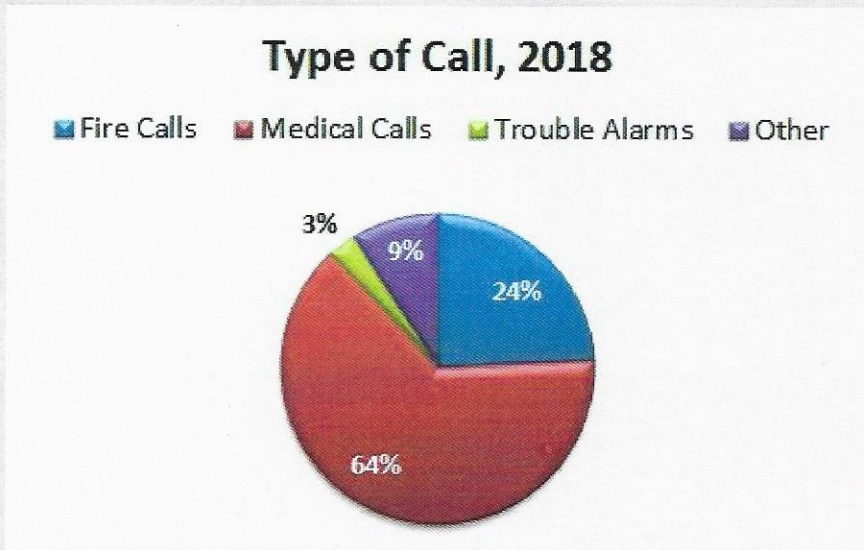
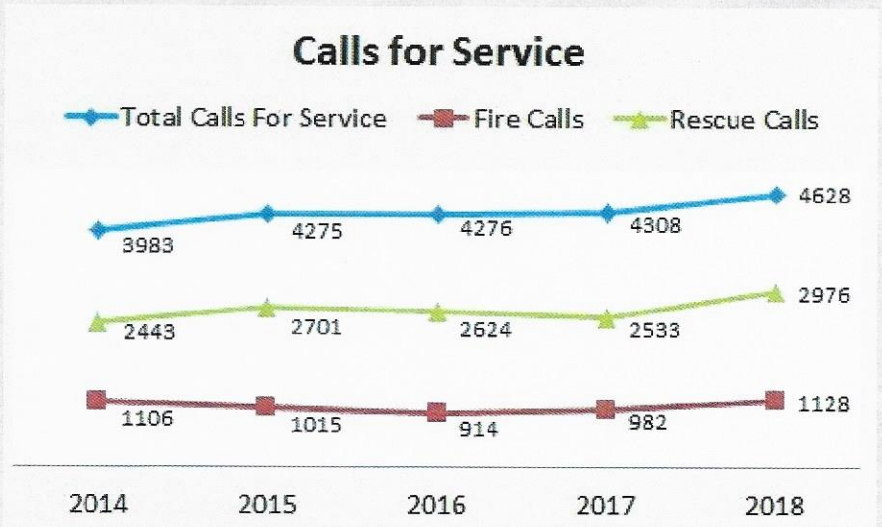
Libertyville Fire Department has always recognized training as a very important and challenging responsibility. In 2016, the training division assigned one Lieutenant to manage each of the three shifts for consistency in training and development of training criteria. These Lieutenants have been extremely successful in developing great training programs and aligning the three shifts into one team of professional firefighter/paramedics.





# Call Volume

The Fire Department ended 2018 with 4628 emergency calls. This was an increase of nearly 7% from 2017. This increase can be attributed to the development of senior living facilities as well as other mixed use properties. As Libertyville and the surrounding areas grow in population and travel, so will the demand for EMS and Fire services. Libertyville Fire Department, through a strong partnership with the Village and Fire Protection District Administration, are striving to meet and exceed the needs our community and those who visit and travel through the area.



The Fire Department has specialized equipment to manage all types of emergencies. However, over 60% of our emergency calls are medical in nature. Our fleet of vehicles include five advanced life support ambulances with some of the best medical equipment available. This along with rigorous EMS training requirements set by the State of Illinois (IDPH) and the hospital medical system (Advocate Condell EMS) ensures the best service will be given to those in need. Maintaining this service is supported by a detailed quality assurance program. The Fire Department prides itself on providing the best customer service to our customers, regardless of circumstance.



## Fire Department Budget

The Fire Department operated on a budget of just under \$8,400,000. There are four divisions within the department that comprise total operations.

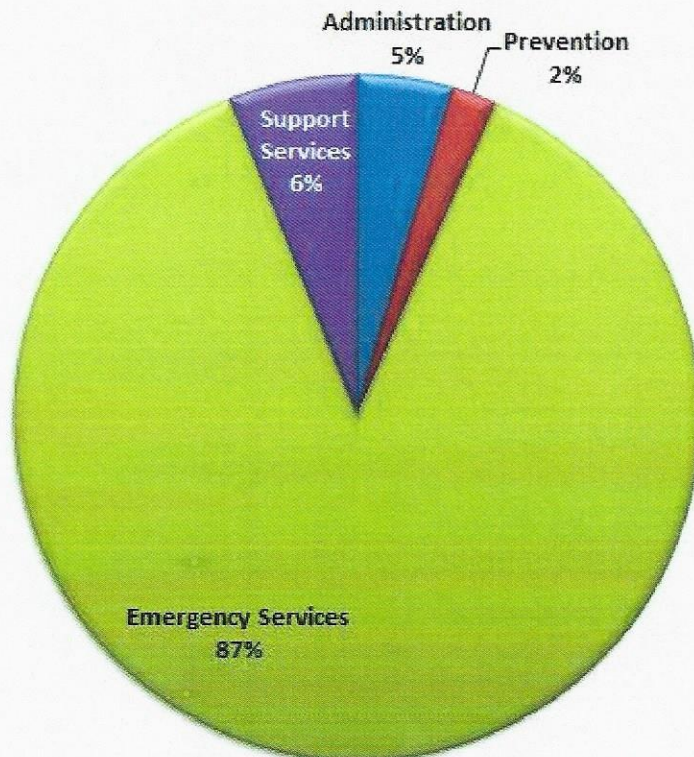
**Administration** budget of \$377,311 funds all administrative expenses including salary and insurance for administrative staff.

**Prevention** budget of \$177,682 funds fire prevention activities including public education such as Risk Watch, occupant inspection services and other fire bureau activities, as well as salary and insurance for fire prevention staff.

**Support Services** budget of \$511,138 funds maintenance costs of grounds, buildings, and fleet. Support also funds uniforms and other Firefighter equipment purchases.

**Emergency Services** budget of \$7,333,133 consumes 87% of the total fire department budget. The majority of emergency services funds personnel salaries and insurance. This budget also funds training costs, technical services, and EMS/Fire equipment purchases.

**Fire Department Budget, FY 2018-2019**





# Summary Statistics



Libertyville Fire Department  
Summary Statistics



Type of Call	2013	2014	2015	2016	2017	2018	2017-18 Change
Fire Village	757	817	733	673	689	785	+13.9%
Fire District	269	265	262	241	273	317	+16.1%
Rescue Village	1763	1815	2066	2055	1886	1923	+1.9%
Rescue District	426	549	461	437	590	750	+27.0%
Rescue Knollwood			121	151	156	136	-14.7%
Trouble Village	131	134	126	112	87	110	+26%
Trouble District	47	44	39	27	32	37	+1.5%
Tollroad District	77	94	73	82	77	81	+5.0%
Mutual Aid Given	286	256	394	498	518	489	-5.9%
<b>Total</b>	<b>3756</b>	<b>3974</b>	<b>4275</b>	<b>4276</b>	<b>4308</b>	<b>4628</b>	<b>+7.4%</b>
Mutual Aid Received	386	369	292	347	298	467	+56.7%

Other Calls = Calls for service not classified

Total Village Calls 2818

Total District Calls 1185

Total Knollwood Calls: 136

Excludes Mutual Aid Received and Given calls



# Performance Measures



Libertyville Fire Department  
Performance Measures  
2018



	2013	2014	2015	2016	2017	2018
Total Calls For Service	3758	3983	4275	4276	4308	4628
Fire Calls (Includes Tollway)	1028	1106	1015	914	982	1128
Rescue Calls (Includes Tollway)	2189	2443	2701	2624	2533	2976
Trouble Alarms	178	178	165	158	119	147
Number of Emergency Calls Occurring Concurrently	1268 33.7%	1348 34.0%	1348 29.4%	1216 28.4%	1236 28.6%	1630 35.2%
Fire Safety Inspections	1097	1038	1574	1536	1462	1074
Public Education Class	182	157	100	106	104	110
Block Parties Attended	44	40	46	44	43	52
Child Car Seats Installed	218	196	384	253	258	103
Plan Reviews: Village	339	226	270	216	320	270
District	74	84	87	91	75	77
Number of Contacts through Public Education and Events			8,523	15,030	16,033	24,209



# Fire Department Mission

The Department preserves fire service history and tradition, as well as facilitates partnerships with all members of the Village and District to make Libertyville a better place to live and work. The Libertyville Fire Department's mission is performed with dedication and professionalism.



The mission of the Libertyville Fire Department is to protect lives and property by reducing the effects of fire, hazardous materials, medical emergencies, special rescue emergencies, and disasters. It is for this reason that we strive to provide the highest possible levels of safety to our public by working in conjunction with representatives of local, state, and federal emergency response.



To ensure the success of our mission, we will continue to strengthen our partnerships we have with the surrounding fire departments. We will strive to develop new partnerships that are trusting and interactive. We will continue to invest in our most important resource, our employees. As a result, the Libertyville Fire Department will continue to be a premier fire department that prides itself on integrity, respect, teamwork, and excellence. Thank you for your support.





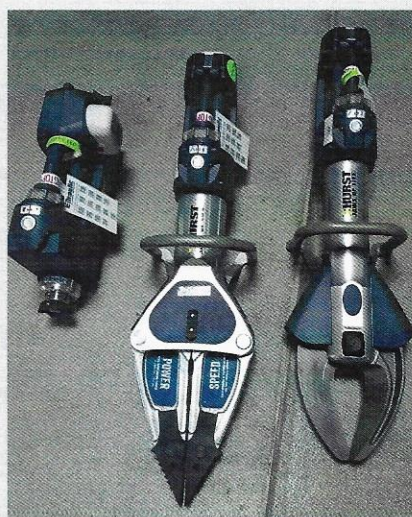
## New Purchases

The Department took possession of a Pierce fire engine (E461) in 2018. This vehicle replaced an older fire engine. Safety was one of our main objectives in designing this engine. A center mounted engineer's panel along with features inside the cab ensure our personnel stay safe in route to and on scene of an incident.



A new ambulance joined the fleet replacing one that has served for over ten years. Almost 65% of our calls are medical in nature. Each ambulance is front line for six years and is the primary response vehicle at one of the three fire stations. It then moves to a reserve status for four years. The equipment in these vehicles allow paramedics to give the best possible care to those in need.

New battery operated Hurst extrication tools were purchased to compliment E461. This new technology allows personnel to perform extrication and other specialized response rescues without being tied to a hydraulic line. This advantage greatly increases the use and capabilities of these tools.





## 2019 Calendar of Events

Fire Prevention Week  
October 6-12, 2019

Fire Department Open House  
October 12, 2019 1-4 PM



## Emergency Services 9-1-1

Emergency Medical Service  
Fire Suppression

---

## Non-Emergency Services

**847-362-5664**

Service Questions  
Incident Reports  
Disaster/Crisis Planning  
General Inquiries

---

## Fire Prevention

**847-362-5664**

Building Evacuation Planning  
Fire Code Enforcement  
Fire Code and Fire Protection  
System Questions  
Fire Inspections  
Fire Investigations  
Fire and Life Safety  
Education Programs  
Fire Station Tours  
Knox Box Program  
Smoke Detector Installation  
and Battery Replacement

[www.Libertyville.com/81/Fire-Department](http://www.Libertyville.com/81/Fire-Department)

