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# Liberty Township Fire Annual Report 2020

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## MESSAGE FROM CHIEF THOMAS O'BRIEN



On behalf of my Staff and our entire department, it gives me great pleasure to present to our community the Annual Report for 2020. As we all know, this year was marred by an outbreak of illness due to a pandemic event, the likes of which has not been seen for over 100 years.

The department and the community all pulled together to face unknown challenges. Together we came through it all and will continue to do so until a return to normalcy prevails.

## OUR MISSION/VISION

The Liberty Township Fire Department is here to protect the quality of life for our residents, employees and those who visit our community by providing the highest quality Emergency Service Management for Fire, Hazardous Materials, Emergency Medical Services and Disaster Emergencies. Preserve the quality of life through the effective and efficient delivery of emergency services in the assigned mission areas of fire suppression, rescue services, emergency medical support, and the mitigation of special hazards that threaten public safety. Prevent or minimize harmful effects of fires, medical emergencies, and other types of dangerous events through education.

Our vision is to focus on quality, cost-effective, all-risk service delivery. We are a responsive and progressive organization with a commitment to excellent leadership and professional accountability. We will achieve this through effective training, technology and adapting to the changing needs of the community.

## HIGHLIGHTS OF THE YEAR

- ♦ Received a SAFER Grant worth over 1.7 Million dollars for the hiring of six additional Firefighter Paramedics.
- ♦ Created a 10-year budget plan working closely with the Fiscal Office and Board of Trustees that enabled the hiring of additional firefighters, a long-term Capital Plan, and a re-negotiated contract with the firefighter's union to save the community over 2 million dollars aggregate in the next 10 years.
- ♦ Lowered the community's ISO rating from a 4 to a 3 rating, lowering insurance costs to the community.
- ♦ Designed and placed in service a new Water Rescue Trailer that allows for a faster and safer response to water incidents.
- ♦ Created and maintained an Incident Action Plan to assure proper and safe response to the Covid-19 epidemic.





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# ACCREDITATION/ISO



Several fire department factors have a positive economic impact, including:

- Accreditation,
- ISO public protection class rating,
- Response time, and
- Levels of provided services (e.g., paramedic, hazmat, technical rescue, community risk reduction, etc.).

**Accreditation is a comprehensive self-assessment and evaluation model that enables organizations to examine past, current, and future service levels and internal performance and compare them to industry best practices. This process leads to improved service delivery.**

The Center for Public Safety Excellence's Accreditation Program, administered by the Commission on Fire Accreditation International (CFAI) allows fire and emergency service agencies to compare their performance to industry best practices in order to:

- ♦ Determine community risk and safety needs and develop a community-specific Standards of Cover
- ♦ Evaluate the performance of the department
- ♦ Establish a method for achieving continuous organizational improvement

Local government executives face increasing pressure to "do more with less" and justify their expenditures by demonstrating a direct link to improved or expanded services. Particularly for emergency services, local officials need criteria to assess professional performance and efficiency. The CFAI accreditation process provides a well-defined, internationally-recognized benchmark system to measure the quality of fire and emergency services.



The department began the process of accreditation in earnest in 2020. Going forward it is anticipated the department will be up for review and accreditation in late 2021, with the goal of becoming accredited in 2022. There are three components of the accreditation model that are being worked on, which will make our ability to service the community a continuous improve event.

### **Writing a Standard of Cover**

A Standards of Cover (SOC) are those written policies and procedures that establish the distribution and concentration of fixed and mobile resources of an organization.” These policies are relative to risk classification (Fire, emergency medical services, technical rescue, hazardous materials) and category (low, moderate, high, maximum).

#### **Strategic Plan review and update to include:**

- **Mission, vision**, and aspirations.
- **Core values**.
- Strengths, weaknesses, opportunities, and threats.
- **Objectives**, strategies, and operational tactics.
- Measurements and funding streams.

### **Writing a Self Assessment**

We will be able to correctly and appropriately: describe the current delivery system; appraise the current delivery system to identify strengths, limits, and opportunities for improvement; identify a plan to maintain and/or improve the current delivery system; and provide exhibits that can be used to: explain the findings of the description, appraisal, and plan process in more detail; and support the verification and validation process by the peer assessment team.





ISO evaluates many facets of our community's fire suppression and prevention efforts. Upon completion of ISO's assessment, a department is issued a Public Protection Classification (PPC) rating from 1 to 10, with 1 being the best. Fire departments can often help reduce their communities' insurance premiums by improving their PPC; plus, it reduces the fire risk to people and property—and that is the mission of fire departments everywhere!

### **OUR CURRENT ISO RATING IS A 3**

**Your firefighter/paramedics are currently certified in the following areas:**

- BLUE CARD COMMAND
- ADVANCED CARDIAC LIFE SUPPORT
- RESCUE TECHNICIAN
- PRE-HOSPITAL TRAUMA LIFE SUPPORT
- PEDIATRIC LIFE SUPPORT
- INCIDENT SAFETY OFFICER
- FIRE/EMS INSTRUCTOR
- ADVANCED MEDICAL LIFE SUPPORT
- INTERNATIONAL TRAUMA LIFE SUPPORT
- FIRE OFFICER I,II,III,IV
- HAZARDOUS MATERIALS
- AND OTHERS....



# STATION DETAILS

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## FIRE STATION 321







## **STATION #321 STATISTICS**

7761 Liberty Rd. N.

Powell, Ohio. 43065

- EMS CALLS– 682
- STRUCTURE FIRES– 19
- OTHER– 557

**TOTAL RESPONSES FROM STATION #321 = 1258**





## **FIRE STATION 322**

10150 Sawmill Parkway

Powell, Ohio. 43065







## **STATION #322 STATISTICS**

10150 Sawmill Parkway

Powell, Ohio. 43065

- **EMS CALLS– 857**
- **STRUCTURE FIRES– 15**
- **OTHER– 348**

**TOTAL RESPONSES FROM STATION #322 = 1220**



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## STATISTICS AND DATA







### Total Training Hours By Code

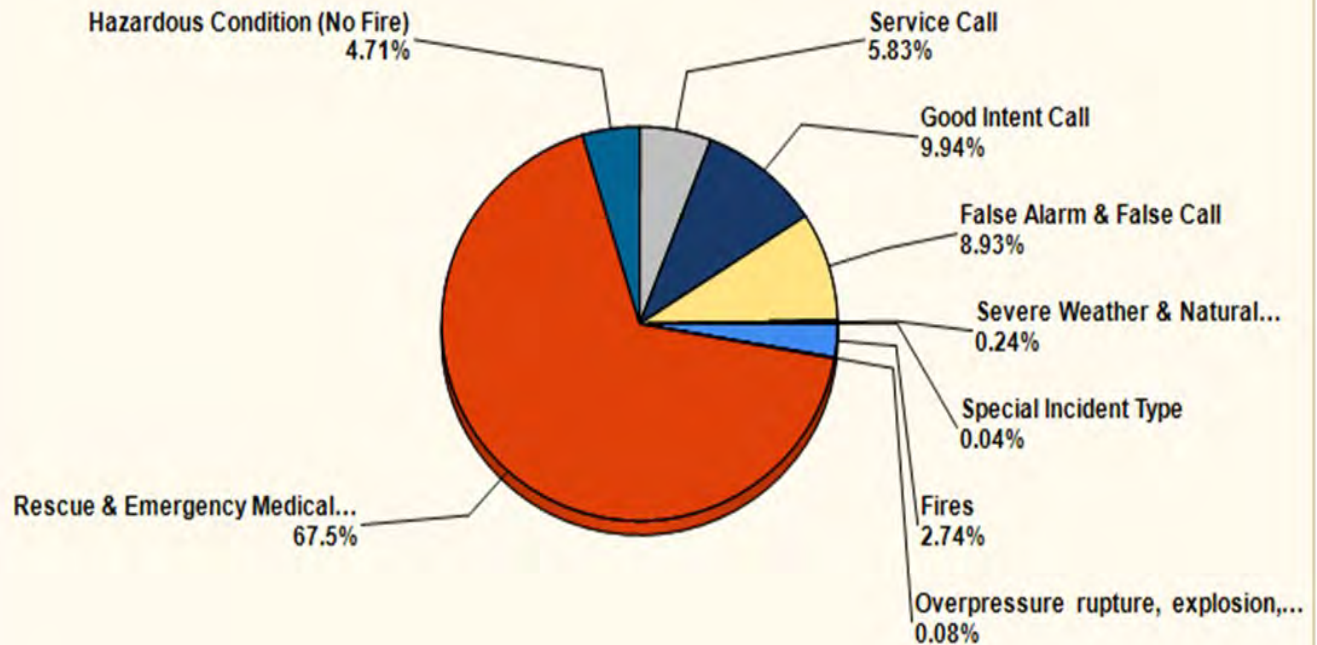
Total Hours for Training Code: Accreditation	<b>14:00</b>
Total Hours for Training Code: ACLS	<b>232:00</b>
Total Hours for Training Code: Active Aggressor	<b>36:00</b>
Total Hours for Training Code: Adult Cardiovascular	<b>19:00</b>
Total Hours for Training Code: Adult Environmental	<b>4:30</b>
Total Hours for Training Code: Adult General	<b>35:00</b>
Total Hours for Training Code: Adult Neurological	<b>16:00</b>
Total Hours for Training Code: Adult OB-GYN	<b>4:30</b>
Total Hours for Training Code: Adult Respiratory	<b>30:15</b>
Total Hours for Training Code: Adult Toxicology	<b>13:30</b>
Total Hours for Training Code: Adult Trauma	<b>114:30</b>
Total Hours for Training Code: Air Bag	<b>11:30</b>
Total Hours for Training Code: AMLS	<b>160:00</b>
Total Hours for Training Code: Apparatus Familiarity	<b>104:10</b>
Total Hours for Training Code: Apparatus Placement	<b>17:15</b>
Total Hours for Training Code: Blue Card	<b>38:30</b>
Total Hours for Training Code: Boat	<b>153:30</b>
Total Hours for Training Code: Building Construction	<b>23:45</b>
Total Hours for Training Code: Building Familiarization	<b>107:00</b>
Total Hours for Training Code: Collapse	<b>2:00</b>
Total Hours for Training Code: Commercial Fire	<b>1:45</b>
Total Hours for Training Code: Communications	<b>1:45</b>
Total Hours for Training Code: Competencies	<b>12:30</b>
Total Hours for Training Code: Confined Space	<b>35:00</b>
Total Hours for Training Code: Critique	<b>9:30</b>
Total Hours for Training Code: Disaster Drill	<b>5:00</b>
Total Hours for Training Code: Documentation	<b>68:00</b>
Total Hours for Training Code: Drafting	<b>15:00</b>
Total Hours for Training Code: Electrical Fire	<b>4:30</b>



Total Hours for Training Code: Emergency Reporting Software	<b>6:00</b>
Total Hours for Training Code: Emergency Vehicle Drivers Training	<b>21:00</b>
Total Hours for Training Code: Engine Co Ops	<b>178:15</b>
Total Hours for Training Code: Equipment Review	<b>28:00</b>
Total Hours for Training Code: Extrication	<b>65:00</b>
Total Hours for Training Code: Familiarization & Operation	<b>92:55</b>
Total Hours for Training Code: Fire Alarm System	<b>3:00</b>
Total Hours for Training Code: Fire Chief's Conference	<b>48:00</b>
Total Hours for Training Code: Firefighter Orientation	<b>316:00</b>
Total Hours for Training Code: Firefighter Survival	<b>11:30</b>
Total Hours for Training Code: Foam	<b>24:15</b>
Total Hours for Training Code: Forcible Entry	<b>5:40</b>
Total Hours for Training Code: GEMS	<b>120:00</b>
Total Hours for Training Code: Geriatric	<b>1:00</b>
Total Hours for Training Code: HazMat IQ	<b>9:00</b>
Total Hours for Training Code: High Rise Fire	<b>0:30</b>
Total Hours for Training Code: Hose & Nozzle	<b>44:55</b>
Total Hours for Training Code: Hydrant	<b>97:45</b>
Total Hours for Training Code: Ice Rescue	<b>9:00</b>
Total Hours for Training Code: Infection Control	<b>94:00</b>
Total Hours for Training Code: Inspection	<b>2:00</b>
Total Hours for Training Code: Inspector	<b>34:30</b>
Total Hours for Training Code: Investigation	<b>11:30</b>
Total Hours for Training Code: Ladder/Aerial Ops	<b>68:30</b>
Total Hours for Training Code: Ladder/Ground Ladder Ops	<b>158:40</b>
Total Hours for Training Code: Legal	<b>6:45</b>
Total Hours for Training Code: Live Fire	<b>50:00</b>
Total Hours for Training Code: Management Styles & Tactics	<b>2:15</b>
Total Hours for Training Code: Mass Casualty	<b>9:00</b>
Total Hours for Training Code: Master Stream	<b>15:30</b>
Total Hours for Training Code: PALS	<b>152:00</b>
Total Hours for Training Code: Paramedic Refresher	<b>448:00</b>
Total Hours for Training Code: Pediatric General	<b>21:00</b>
Total Hours for Training Code: Pediatric Respiratory	<b>5:00</b>
Total Hours for Training Code: Pediatric Special Needs	<b>12:15</b>
Total Hours for Training Code: Pediatric Trauma	<b>87:30</b>
Total Hours for Training Code: PHTLS	<b>74:00</b>
Total Hours for Training Code: Pre-Plan	<b>6:00</b>

Total Hours for Training Code: Protocol Guidelines		<b>211:15</b>
Total Hours for Training Code: Protocol Pharmacology		<b>47:00</b>
Total Hours for Training Code: Protocol Procedures		<b>89:00</b>
Total Hours for Training Code: Protocol References		<b>20:00</b>
Total Hours for Training Code: Protocol References		<b>33:45</b>
Total Hours for Training Code: Pump Ops		<b>67:00</b>
Total Hours for Training Code: QC & Run Review		<b>21:30</b>
Total Hours for Training Code: Radio		<b>20:30</b>
Total Hours for Training Code: Radiological		<b>1:30</b>
Total Hours for Training Code: Rescue Tool		<b>91:00</b>
Total Hours for Training Code: Residential Fire		<b>1:45</b>
Total Hours for Training Code: RIC Ops		<b>34:00</b>
Total Hours for Training Code: Roof Ops		<b>13:45</b>
Total Hours for Training Code: Rope & Knot		<b>118:00</b>
Total Hours for Training Code: Safety		<b>7:00</b>
Total Hours for Training Code: Salvage & Overhaul		<b>1:10</b>
Total Hours for Training Code: SCBA		<b>59:00</b>
Total Hours for Training Code: Search & Rescue		<b>15:45</b>
Total Hours for Training Code: SKED/Stokes		<b>10:30</b>
Total Hours for Training Code: SOP & SOG Review		<b>35:55</b>
Total Hours for Training Code: Street & Driver Training		<b>572:15</b>
Total Hours for Training Code: Suppression		<b>7:10</b>
Total Hours for Training Code: Swift Water		<b>16:00</b>
Total Hours for Training Code: Tactics		<b>16:45</b>
Total Hours for Training Code: Training Instructor		<b>4:30</b>
Total Hours for Training Code: Triage		<b>1:00</b>
Total Hours for Training Code: Truck Co Ops		<b>9:30</b>
Total Hours for Training Code: Utilities		<b>2:00</b>
Total Hours for Training Code: Ventilation		<b>9:25</b>
Total Hours for Training Code: Walk Through		<b>122:00</b>
Total Hours for Training Code: Water		<b>109:30</b>
Total Hours for Training Code: Water Flow		<b>11:00</b>
Total Hours for Training Code: Water Supply		<b>37:55</b>
Total Hours for Training Code: WMD/Bio/Terror		<b>3:00</b>
<b>Totals for all selected Training Codes</b> <b>1/1/2020 - 12/31/2020</b>	<b>68 personnel</b>	<b>5451:25</b>





MAJOR INCIDENT TYPE	# INCIDENTS	% of TOTAL
Fires	68	2.74%
Overpressure rupture, explosion, overheating - no fire	2	0.08%
Rescue & Emergency Medical Service	1678	67.5%
Hazardous Condition (No Fire)	117	4.71%
Service Call	145	5.83%
Good Intent Call	247	9.94%
False Alarm & False Call	222	8.93%
Severe Weather & Natural Disaster	6	0.24%
Special Incident Type	1	0.04%
<b>TOTAL</b>	<b>2486</b>	<b>100%</b>



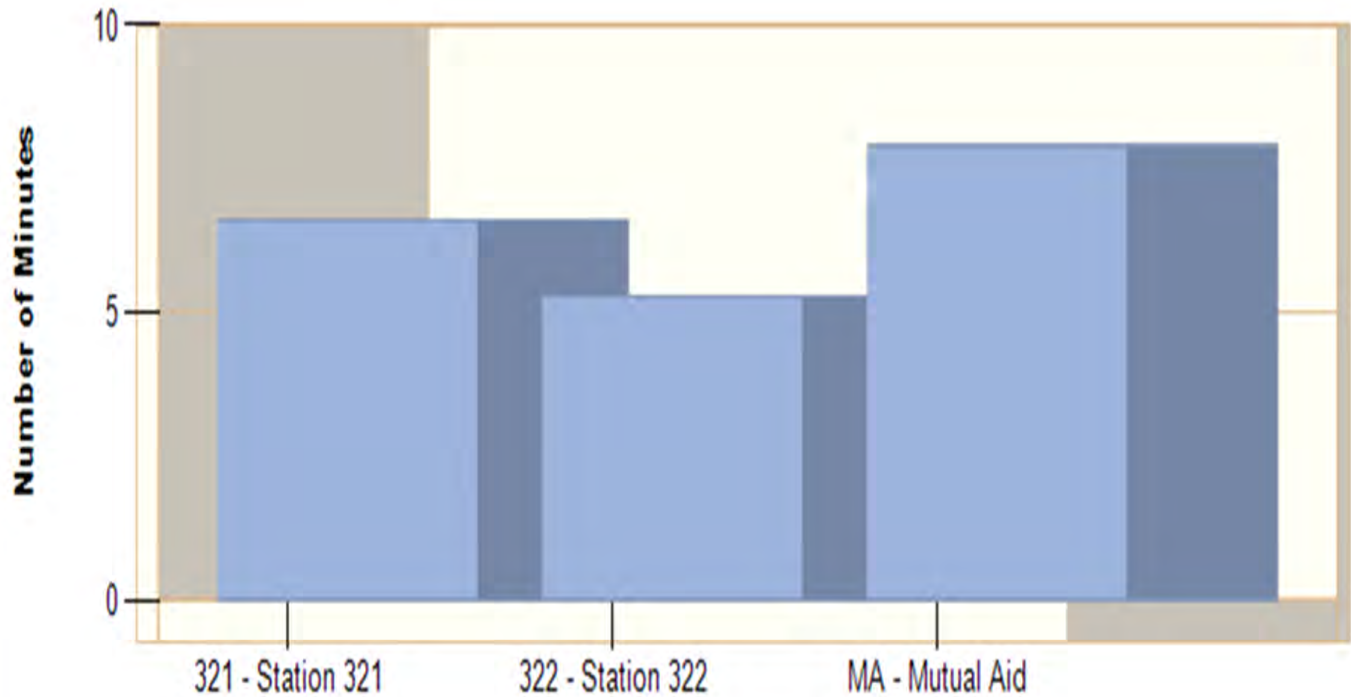


## Average Response Time for Year

YEAR	2020	RESPONSE TIME (minutes)	6.22
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## Average Response Time per Station



STATION	AVERAGE RESPONSE MM:SS (Dispatch to Arrived)
321 - Station 321	6:36
322 - Station 322	5:16
MA - Mutual Aid	7:54





# FIRE PREVENTION

04



# FIRE PREVENTION



# 2020 Fire Prevention Statistics

ANNUAL INSPECTIONS	347
RE-INSPECTIONS	93
LIFE SAFETY/OCCUPANCY CHANGES	77
FIRE PROTECTION SYSTEMS	115
VIOLATIONS	814
INSPECTION TOTALS	<b>632</b>

26 CHILD SAFETY SEATS INSTALLED



236 SMOKE ALARM BATTERIES REPLACED

140 NEW SMOKE DETCTORS INSTALLED



\$26,425.00 IN FEES COLLECTED



# Prevention Responsibilities

The Liberty Township Fire Prevention Bureau is tasked with the following responsibilities:

- Annual Fire Safety Inspections
  - Businesses
  - Places of Worship
  - Schools
- Car Seat Installations
- Daycare and Adoption Licensing
- Fire Investigation
- Public Education
- Various Types of Inspection
- Fireworks Displays
- Life Safety
- New Construction/Renovations
- Temporary Tents
- Structural & Site Plan Review



# Station Equipment





## **Fire Fighter of the Year**

**Jason Smith Fire Fighter/Paramedic**



## **Paramedic of the Year**

**Mike Murphy Fire Fighter/Paramedic**

