

# **LITTLETON FIRE RESCUE INFORMATIONAL PRESENTATION 2023**



**LITTLETON FIRE RESCUE  
&  
TOWN OF LITTLETON**

# Description of the Town of Littleton

The Town of Littleton is a unique community located in Grafton County along the Interstate 93 corridor. The town borders Vermont with several smaller communities surrounding Littleton. According to the most recent census conducted in 2020, the Town of Littleton had an estimated **population of 6,005** and approximately **3,489 housing units** with a **median value of \$192,200**. The median household income between 2017 and 2021 was **\$45,141**. The daytime population of Littleton is **12,000-15,000** people.

Littleton Fire Rescue is a combination fulltime and paid on-call fire-fighters that provide fire, rescue, hazardous materials response, and emergency medical services to the residents of



Littleton. Littleton Fire Rescue protects an assessed total value of the town which is **\$720,814,733**. (Dept of Revenue, 2022)

The Town of Littleton is 49.96 square miles in size. Littleton geographically has a population of 120.2 people per square mile. Areas of town are unique and utilized for business, recreation, and residential purposes.

# Littleton Fire Rescue

- 1 Fire Station:

230 W. Main Street: Ambulance 1, Ambulance 2, Engine 1, Engine 2, Tanker 1, Ladder 1, X-1, X-2, X-3, Boat, UTV, 6 Wheel Side X Side, Several Utility Trailers

- Fourteen (14) career personnel including the Chief, Deputy Chief, (3) Lieutenants and nine (9) Firefighters. Seven (7) call personnel consisting of Firefighters or EMS providers also supplement the career personnel.
- Career personnel are divided into three (3) shifts, each working a 24-hour shift. Each shift consists of a **maximum of 3 personnel** with a **minimum daily staffing level of 3.**
- Several staff members are trained in technical rescue disciplines to include Swiftwater Rescue, Rope Rescue, and Confined Space, which all require hours of training in addition to Fire/EMS.

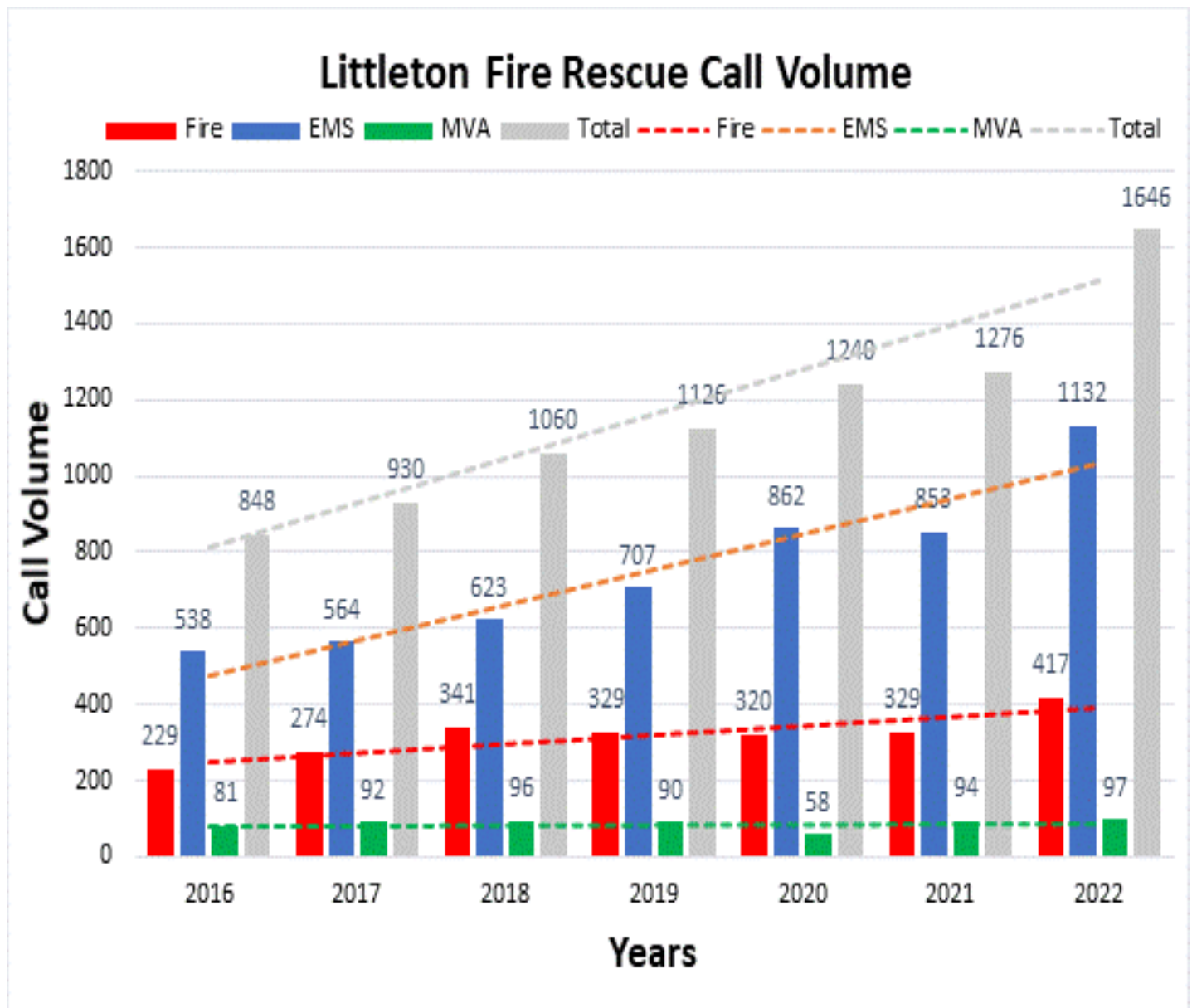


# What We Do

- Littleton Fire Rescue responded to a total of 1,646 incidents in 2022 including fire, EMS response, and service calls.
- Littleton Fire Rescue has (4) four personnel who provide Paramedic level skills and ten (8) that are trained to the Advanced EMT (AEMT) level. Personnel are responding to the country's opioid epidemic, cardiac arrest, car accidents, and COVID calls while providing advanced life support to our town and mutual aid communities. Our highly trained providers provide excellent, professional service to our community.
- Littleton Fire Rescue is considered an all-hazards department. No matter what the situation is, the department will respond and require staff to be prepared to mitigate the incident.
- Our department needs to monitor the community needs and risks while adapting functions as needed to protect the community. The town continues to grow and expand, ultimately increasing the demands on the department.



# Littleton Call Volume



# Littleton Target Hazards



**Target Hazards– are locally defined occupancies that pose specific risks to occupants and the fire service responders. The following pages identify several types of target hazards that pose potential risk to life and property within Littleton.**

# Littleton Fire Rescue Hazards

## *Multi-Family Housing*



**Above—** Country Lane Apartments. Built in 2012, these town house style apartments have 2 and 3 bedroom options. A total of 50 apartments each with a washer and dryer hookup. These apartments are affordable housing units through AHEAD.

**Littleton is home of many multi-family dwellings. Above and below are some examples.**

**Below-** Parker Village Apartments are subsidized, low-rent apartments that offer 1-3 bedroom units. They offer on site-laundry. Parker Village Apartments were built in 1973. There are 50 units available in the two-story buildings. There have been fires previously at this location.



# Littleton Fire Rescue Hazards

## *Assisted Living and Elderly Housing Facilities*

**River Glen**– Offers independent and assisted living within the facility with 50 units.

**Colonial court**– The apartment community was started in 1960. There are 6 buildings with approximately 30 units. These units are available for individuals who are at least 62 years old or disabled/handicapped (regardless of age).

**The Lane House**– Located on Cottage Street. 50 units. Residence must be the age of 62 or disabled to reside at The Lane House.

**Beattie House**- Section 202 Supportive Housing for the Elderly program, residency is usually restricted to households earning 50% of the Area Median Income (AMI) or less with at least one member age 62 years or older. Tenants pay rent based on household income. 23 bedroom Units.



# Littleton Fire Rescue Hazards

## *Hotel/Motels*

Littleton is home to 7 Hotels/Motels. This offers our visitors ample places to stay while visiting our community and surrounding area. The risk for loss of life is significant with an incident in a hotel/motel due to number of occupants in the hotels.

**US Fire Departments respond to an estimated average of 3,900 structure fires in hotels and motels each year that cause 15 deaths, 100 injuries and \$100 million dollars in property loss. Cooking is the leading cause of hotel and motel fires. (US Fire Administration).**



# Littleton Fire Rescue Hazards

## *Schools*

The Littleton School District SAU #84 incorporate schools in Littleton. Schools that are in the SAU consist of :

- Mildred C. Lakeway Elementary School
- Daisy Bronson Middle School
- Littleton High School
- Hugh J. Gallen Career and Technical Center
- Above the Notch Community School
- Littleton Academy
- Lupine Montessori School

Daycare type facilities: There are 4 licensed child care services in Littleton according to the NH connections search for licensed facilities.

**Local Fire departments in the United States responded to an estimated average of 3,230 fires in school properties from preschool—grade 12 from 2014-2018. (National Fire Protection Agency, NFPA)**



# Littleton Fire Rescue Hazards

## *Road Ways*

Littleton is on the Interstate 93 corridor with multiple exits accessing different areas of town and into Vermont for those traveling through. Littleton also has Routes 302, 18, 116, and 135, which are all main corridors of travel to and from our surrounding communities.

With Littleton's day time population these roadways are highly utilized and pose a potential for transportation accidents. The fire department is prepared to respond and mitigate any type of transportation accident that occurs in our community.

Left: Car accident on interstate 93 Northbound just north of exit 42 with multiple vehicles involved.

Right: Accident on Dells Road where an unstable vehicle came to rest near the brook.



# Littleton Fire Rescue Hazards

## *Bulk Fuel Storage*

- Irving– 890 Meadow Street
- Amigas-155 Beacon Street. (Major leak occurred 3 years ago)
- Stiles Fuel– 308 Riverside Drive

Bulk Fuel Storage can create a significant hazard if the tank is damaged and or the fuel within the tank catches on fire. These tanks can cause a boiling liquid expanding vapor explosion (BLEVE) and firefighters need to maintain distance, cool the tank, and be prepared for mitigating these incidents. Below are 3 separate locations in town where bulk fuel is stored.



# Littleton Fire Rescue Hazards

## *Box Stores*

Littleton is home to several box stores. These stores have several hazards and large fuel loads within the buildings. These buildings also have several customers and employees that need to be protected, removed, or evacuated during an event at the occupancy.

**NFPA estimates that US fire departments respond to an average of 16,360 fires in stores and other mercantile properties per year resulting in the loss of life and property damage.**



# Littleton Fire Rescue Hazards

## *Commercial and Industrial*

Littleton has 380 acres that are dedicated to commerce. This is known as the Littleton Industrial Park. The Industrial Park is home to 18 businesses and employ over 1,200 people. Each of these businesses produce or offer varying services that create their own potential hazards. It is the responsibility of Littleton fire to serve and protect these businesses that function nationally and globally.



# Littleton Fire Rescue Hazards

## *Hospital: Littleton Regional Hospital*

Littleton Regional Healthcare (LRH) is located on St. Johnsbury road with a campus size of 252 acres. The facility is 232,000 sq. ft. in size and offers regional healthcare to our area. The hospital offers a variety of medical treatments including departments like General Surgery, Hospice Care, Women's Health, Maternity, and Emergency Medicine to name a few. Littleton Fire Rescue serves and protects our hospital and its patients and employees with pride. In September of 2005 there was a fire on the roof of the Hospital.

**US Fire Departments responded to an estimated average of 5,570 structure fires in healthcare properties from 2011-2015 causing civilian injury and deaths while costing \$50.4 million dollars in property damage. (NFPA).**



# Littleton Fire Rescue Hazards

## *Hydro Electric Dam*

Littleton has 2 hydro electric dams in the town. The largest of which is the Moore on the Connecticut River that borders New Hampshire and Vermont. Moore Dam is utilized in the summer months for various recreational activities. Littleton Fire is prepared to respond via land and water to assist those in distress. Moore is the largest Hydro-electric producer of power in New England.



Left: Aphthorp Dam operated by White Mtn. Hydro.

Right: Moore Dam and Reservoir.



# Littleton Fire Rescue

## *Special Jobs and Extra Duties*

The career personnel on Littleton Fire Rescue do not limit themselves to firefighting and emergency medical responses. Most of the personnel hold certificates in specialized areas of the fire service that they utilize on the job. Many of these additional duties taken on are for no additional compensation, and the agency continues to take on new roles and responsibilities.

Here is a partial list of some of the additional duties performed, with numerous personnel taking on more than one:

- Fire and Arson Investigation
- Car Seat Safety/ Pub. Education
- Fire Prevention and EMS Instruction
- Heights/Rope Rescue
- Confined Space Rescue
- Swiftwater Rescue
- Ice Rescue
- Hazmat Decon/ Gas meters



Littleton Fire Rescue also provides contracted ambulance service for Sugar Hill, Easton, and Franconia.

# Littleton Firefighters

## *"On the Job"*



Left: Chief discusses operations on the Connecticut River with LT. Hartwell and FF. Muldoon.

Right: A fire on the roof at Schillings is extinguished utilizing the aerial ladder.



Left: Truck removed from Connecticut after a fatal motor vehicle crash.