



# Thompson Fire Departments

*Servitium Super Se*  
*Service Above Self*



# Town of Thompson



- Population
  - 9,450 (approx. as of 2010)
  - 201 per square mile
  - 3,730 Households
- Area
  - Total
  - 48.7 sq mi (126.1 km<sup>2</sup>)
- Land
  - 46.9 sq mi (121.6 km<sup>2</sup>)
- Water
  - 1.7 sq mi (4.4 km<sup>2</sup>)



# Volunteer Fire Departments



- Thompson is served by all Volunteers and receive no pay.
- They are your family, friends, neighbors, business leaders, youth coaches...
- They answer the call day or night, rain or heat, during hurricanes or blizzards.
- 85% of all Fire Departments in the US are Volunteer.
- Training requirements are the same whether paid or volunteer.



# Volunteer Fire Departments



- Thompson Hill - Station 84
  - Est. 1832
  - Chief- Matthew Grauer
  - 70 Chase Road  
Thompson, CT 06277  
Phone: (860) 923-2740

- Community Fire Co. - Station 81
  - Est. 1938
  - Chief John Sharpe
  - 862 Riverside Drive  
North Grosvenordale, CT 06255  
Phone: (860) 923-9444



- Quinebaug Volunteer Fire Co. - Station 83
  - Est. 1939
  - Chief: Steven Bodreau
  - 720 Quinebaug Road  
Quinebaug, CT 06262  
Phone: (860) 935-5255

- West Thompson - Station 82
  - Est. 1936
  - Chief- Kyle Cimochofski
  - 248 West Thompson Road  
North Grosvenordale, CT 06255  
Phone: (860) 923-9696

- East Thompson - Station 85
  - Est. 1958
  - Chief- Jeff Sheldon
  - 530 East Thompson Road  
Thompson, CT 06277  
Phone: (860) 923-2152



# Volunteer Fire Departments



- Tax Abatement Program
  - Volunteer Firefighters that pay taxes to the Town of Thompson are eligible for a Tax Abatement up to \$1000.
  - Out of Town volunteers are not eligible.
  - Those without tax liabilities are not eligible.
  - Town of Thompson Ordinance No. 10-019
  - Minimum call response
  - Minimum training response
  - \$750 when meeting the minimum criteria
  - \$1000 if a Certified EMT, Firefighter or Fire Police.
  - The Abatement is taxed as income and a 1099 is issued from the Town.

## ORDINANCE NO. 10-019

### ORDINANCE OF ANNUAL TAX ABATEMENT FOR MEMBERS OF THE THOMPSON FIRE ENGINE COMPANY, INC., WEST THOMPSON FIRE DEPARTMENT, INC., COMMUNITY FIRE COMPANY, INC., QUINEBAUG VOLUNTEER FIRE DEPARTMENT, INC., EAST THOMPSON VOLUNTEER FIRE DEPARTMENT, INC.

March 18, 2004  
June 18, 2007

Vol. 12, Page 19  
Vol. 12, Page 19

**PURPOSE** – In recognition of the benefits provided to the Town of Thompson by the dedicated service of the five (5) volunteer Fire Companies and their personnel, the Town of Thompson hereby establishes a tax abatement program pursuant to Public Act 99-272, Section 6, of the Connecticut General Statutes, as amended. For the volunteer fire and ambulance personnel of the conditions outlined below.

**ELIGIBILITY** – Members of the Thompson Fire Engine Company, Inc., West Thompson Fire Department, Inc., Community Fire Company, Inc., Quinebaug Volunteer Fire Department, Inc., and the East Thompson Volunteer Fire Department, Inc. who pay property tax in the Town of Thompson shall be eligible when meeting the following criteria:

1. To be eligible to receive the base tax abatement, a member must meet one (1) of the three (3) requirements listed below.
  - A. Any regular member who attends a minimum of 25% of each year's emergency calls, 25% of fire department training and meeting requirements as prescribed by the by-laws of their volunteer fire company (requirements calculated from January 1<sup>st</sup>-December 31<sup>st</sup> of previous year) entitles a member to a base seventy hundred fifty (\$750.00) dollar tax abatement.
  - B. Any ambulance duty crew personnel serving one (1) night a week for a minimum of ten (10) months per year shall be entitled to a base seven hundred fifty (\$750.00) dollar tax abatement (requirements calculated from January 1<sup>st</sup>-December 31<sup>st</sup> of previous year).
  - C. Any active life member (as per By-Laws) who attends a minimum of 25% of the years meetings, fire company functions, and training requirements as prescribed by the By-Laws of their Volunteer Fire Company (requirements calculated from January 1<sup>st</sup>-December 31<sup>st</sup> of previous year) shall be eligible for a seven hundred fifty (\$750.00) dollar tax abatement.
2. Any regular member certified by the State of Connecticut at or above the level of Firefighter 1, Emergency Medical Responder, Emergency Medical Technician, or Fire Police (only for those designated by the chief) shall be eligible for an additional two hundred fifty (\$250.00) dollar for each category of certification achieved. The amount may be cumulative, but the total tax

abatement to an individual may not exceed the statutory limit of one thousand (\$1,000.00) dollars for any year. However, a member that does not meet the base eligibility requirements notes in item one (1) is not eligible for any tax abatement for that year regardless of certifications.

3. A. Any regular or active life member who met all of the requirements of items 1 or 2 of this ordinance but who has died either in the year of qualification after having met the qualification or prior to July 1<sup>st</sup> of the following year when the abatement would have been applied, said abatement for that specific year shall be applied to the property which would have qualified for the abatement should the individual have survived provided it is still owned by the survivor or his or her estate.  
B. If any regular or active life member who met all of the requirements of items 1 or 2 of this ordinance should become so disabled that he or she is unable to discharge their duties as a volunteer as defined in the ordinance, he or she shall be entitled to receive the benefit of the abatement for the initial year of their disability.

**ADMINISTRATION** – The Chief(s) of the individual volunteer fire companies shall submit a notarized list of all eligible members as well as their respective level of tax abatement to the Tax collector of Town of Thompson, no later than March 1<sup>st</sup>, to be eligible for a tax abatement for the following July 1<sup>st</sup> grand list. This ordinance shall only be applicable to residential and personally owned property.

Nothing in this ordinance shall be construed to imply that if an eligible member has less tax liability than their permitted amount of tax abatement, that they are entitled to receive any additional funds from the Town of Thompson under this ordinance.

# Assessment of the Thompson Volunteer Fire Departments



*Town of Thompson,  
Connecticut  
Fire Service Assessment*

*February 2018*



- In June of 2017, the Town of Thompson contracted VFIS Education, Training & Consulting to complete an assessment of the EMS, Fire & Rescue services provided by the Volunteer Fire Departments and Ambulance Service of Thompson.
- This was a paid, independent study conducted from June 2017 until the publishing of the Assessment in February 2018



# Assessment of the Thompson Volunteer Fire Departments



*Town of Thompson,  
Connecticut  
Fire Service Assessment  
February 2018*

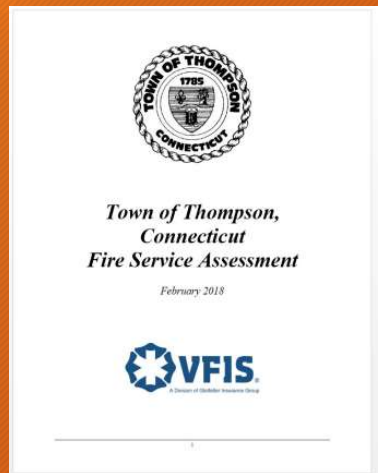



Using the basic data of 4 responders on two responding units, a cost savings calculation can be made to determine the savings to the taxpayers of the town of Thompson, by having an all-volunteer fire department. This is conservatively estimated, by VFIS at \$2,500,000 by VFIS.

As noted earlier, the fire companies do their best to provide emergency response services to the community. The lack of significant major loss events and very few service complaints are a tribute to the performance of the organization as a whole.

The fire companies have experienced an increase in the cost of operations & capital equipment, at the same time a decrease in responding volunteer members. We are not recommending a merger, a consolidation, or the elimination of the current five fire companies to resolve this nationwide problem. At some point this must be addressed locally.

# Assessment of the Thompson Volunteer Fire Departments





### Finances

Like any typical volunteer fire company, the Town Thompson's Volunteer Fire Companies may utilize multiple revenue streams (e.g. fund raising, municipal contribution, to fund their operations. Only one fire department is not running a deficit budget. There was little data to suggest anything but more fundraising by the majority of the fire departments that are running deficit budgets is planned. One program the departments may take advantage of is the Funding Fire Services concept document provided under separate cover.

Typical operational expenditures are for firefighting equipment, vehicle and structure maintenance, fuel and utilities, communication equipment, personal protective equipment, training, fire prevention, administration, etc. No proposed budget requests were submitted to the project team. However, coordinated efforts among the companies and municipalities can improve both operations and expense.

To ask the members of the volunteer system to not only train, manage their corporations, and respond to an increasing number of incidents (all hazards based), and then expect them to spend one, two or three nights a week fundraising is an unrealistic expectation in 2018 and beyond. A comprehensive approach for operational and capital funding appears to be established. The current amount of funding from the community is better than most communities.

Following these discussions and review of budget information, it appears the budget is slightly less than appropriate for the companies of the type, size and complexity of the fire service in the Town of Thompson. An increase of municipal funds must be combined with more accountability from each of the emergency services.

Changing methods of funding volunteer fire companies have become prevalent in recent years. Your process is to define what government will support and budget requests are then submitted by the volunteer fire companies to "request" funding for a select period of time - typically a year. Cash flow and operations can then be better sustained in serving the public. Among the typical items funded for/paid for by government are the following expenses:

Utilities
Facility Fuel
Apparatus Maintenance
Apparatus Fuel
Incentives
Annual Audit
Workers' Comp
Office Supplies (\$X mo)
Postage
Salaries
Workers' Compensation
Benefits
Phone
Annual Awards

According to the Report:

- Finances

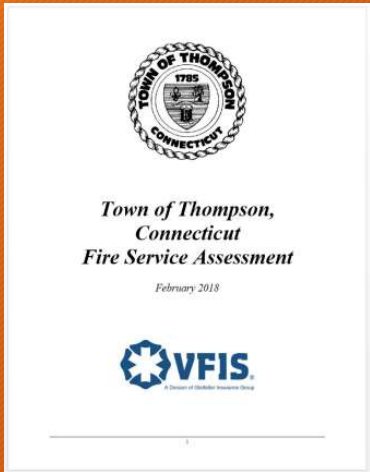
- "...it appears the budget is slightly less than appropriate..."
- "Among the typical items funded for/paid for by government are the following expenses:"

- Utilities
- Facility Fuel
- Apparatus Maintenance
- Apparatus Fuel
- Incentives ✓
- Annual Audit
- Office Supplies
- Postage
- Workers' Compensation ✓
- Benefits
- Phone
- Annual Awards
- Liability/Vehicle Insurance ✓

✓ Paid for by the Town of Thompson



# Assessment of the Thompson Volunteer Fire Departments



Following these discussions and review of budget information, it appears the budget is slightly less than appropriate for the companies of the type, size and complexity of the fire service in the Town of Thompson. An increase of municipal funds must be combined with more accountability from each of the emergency services.

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***This suggests that there is substantially more fire apparatus and facilities in Thompson, Connecticut than in similar sized communities around the country.***

## **The Expectations of the Citizens**

- When I call for service, I expect timely service from competent people
- I don't get where it comes from, what the name on the vehicle is, what color it is, or whose “territory” it is from. I just want Help!

- When one reads The Assessment, the statement stands out.
  - It stands out for a few reasons.
    - To a person that does not understand response time and geographical area it appears the Town of Thompson wastes money on apparatus.
    - The statement is based on population only and **not** on area of coverage.
    - The statement is **not** based on the importance of Standard of Cover (see explanation later).
    - This statement is also **not** tied to funding.
    - Keeping in mind, it was established by The Assessment that the departments are underfunded.
      - This tells you that the departments are doing more with less in order to serve the citizens of Thompson in the best way they can.

# Why Does Thompson have 5 Fire Departments



- Two simple answers
  - The brain dies in about 6 minutes after the heart stops beating.
  - Fires double in size every 1-2 minutes.



Time is the enemy in Life or Death.



# Why Does Thompson have 5 Fire Departments



- NFPA Standard of Cover
  - Direct snapshot from the VFIS Town of Thompson Fire Service Assessment
  - Explanation of why there are 5 Fire Departments and apparatus.

One of the analytical models which was part of this review process involves an evaluation of station location in proximity to the location and types of calls for assistance. A study such as this can determine where additional stations should be located to meet service delivery demands. Using a standard model advanced by the Insurance Services Office for basic station location analysis, the Town of Thompson was found to have unique locations for several reasons.

The Insurance Services Office process uses the approach for response time that road distance criteria for engines (1.5 miles), ladders (2.5 miles) with a maximum distance (5 miles) translates into response time. The distances are based on a formula developed years ago by the RAND institute and uses the equation:

$$T = 0.65 + 1.7D$$

T = travel time in minutes

D = distance in miles

# Why Does Thompson have 5 Fire Departments



- **NFPA Standard of Cover**
  - The formula is based on an average 35 mph road speed
  - considering road conditions and type, weather, etc.
  - Mathematically, this converts to Engines 3.2 minutes, Ladders 4.9 minutes
  - A maximum response distance of 9.15 minutes.
    - It is easy to see that times much greater than these are pushing the limits of the fire department's ability to successfully control a fire
    - These are only travel times from the Station, not dispatch and turnout time etc.
    - Keeping in mind Firefighters are responding from their home, work, restaurants, children's athletic fields, etc.
    - "It is very easy to see why for most states the Insurance Services Office has a maximum 5 road mile distance for which a protected class (class 1 through 9) will apply. Anything over 5 road miles is almost a known higher loss and insurance industry data supports that." (Per VFIS Fire Service Assessment February 2018)



# Why Does Thompson have 5 Fire Departments



- Standard of Cover
- Response Times and Distances from each station.
- Distances in RED show a distance greater than the standard acceptance for a response.
- Greyed area is locations within Station's district.

	81		82		83		84		85	
	862 Riverside Dr N Grosvenor Dale, CT 06255	ETT (Mins.)	248 W Thompson Rd N Grosvenor Dale, CT 06255	ETT (Mins.)	720 Quinebaug Rd Quinebaug, CT 06262	ETT (Mins.)	70 Chase Rd. Thompson, Ct 06277	ETT (Mins.)	530 E Thompson Rd Thompson, CT 06277	ETT (Mins.)
<b>Mutual Aid - Thompson Hill</b>	<b>Miles</b>		<b>Miles</b>		<b>Miles</b>		<b>Miles</b>		<b>Miles</b>	
188-138 Baker Rd, Thompson, CT 06277	6.3	11.4	6.2	11.2	9.7	17.1	3.4	6.4	3.4	6.4
2-20 Island View Dr, Thompson, CT 06277	6.5	11.7	6.3	11.4	9.9	17.5	3.9	7.3	5.1	9.3
2-56 Border Trail, Thompson, CT 06277	9.5	16.8	9.3	16.5	12.9	22.6	6.7	12.0	9.3	16.5
1-5 Hill Rd, Thompson, CT 06277	4.6	8.5	4.5	8.3	8.0	14.3	2.9	5.6	2.5	4.9
326-178 Lowell Davis Rd, North Grosvenor Dale, CT 06255	5.2	9.5	5.7	10.3	6.8	12.2	2.6	5.1	4.1	7.6
593-521 Quaddick Town Farm Rd, Thompson, CT 06277	7.8	13.9	7.6	13.6	11.2	19.7	4.0	7.5	3.4	6.4
29-39 Randall Rd, Thompson, CT 06277	5.9	10.7	5.7	10.3	9.3	16.5	3.3	6.8	5.7	10.3
<b>Mutual Aid - East Thompson</b>										
709-799 E Thompson Rd, Thompson, CT 06277	8.1	14.4	8.0	14.3	9.6	17.0	5.5	10	1.0	2.4
26 S Shore Rd, Thompson, CT 06277	6.8	12.2	8.5	15.1	8.3	14.8	5.8	10.51	2.0	4.1
12-2 Orchard Dr, Thompson, CT 06277	7.3	13.1	7.9	14.1	8.9	15.8	5.3	9.66	1.1	2.5
1-7 Lillian Ave, Thompson, CT 06277	6.9	12.4	8.6	15.3	8.4	14.9	6	10.85	2.1	4.2
<b>Mutual Aid - West Thompson</b>										
1-29 Bull Hill Rd, North Grosvenor Dale, CT 06255	3.5	6.6	2.0	4.1	5.5	10.0	4.9	8.98	9.0	16.0
Red Bridge X Ravenelle	1.5	3.2	3.0	5.8	3.5	6.6	4.3	7.96	8.1	14.4
1-99 Woodstock Ave W, Putnam, CT 06260	5.1	9.3	1.5	3.2	7.8	13.9	4.5	8.3	8.5	15.1
<b>Mutual Aid - Community</b>										
2-6 Fairway Drive, North Grosvenor Dale, CT 06255	4.9	9.0	6.8	12.2	4.9	9.0	4.3	7.96	4.0	7.5
99-1 Laporte Rd, North Grosvenor Dale, CT 06255	2.5	4.9	6.0	10.9	4.0	7.5	5.4	9.83	4.6	8.5
Thatcher Rd, North Grosvenor Dale, CT 06255	0.7	1.8	2.9	5.6	5.1	9.3	2.8	5.41	6.5	11.7
398-328 Lowell Davis Rd, North Grosvenor Dale, CT 06255	4.7	8.6	6.2	11.2	6.3	11.4	3.3	6.26	3.6	6.8
108 Mountain Hill Rd, North Grosvenor Dale, CT 06255	1.2	2.7	4.2	7.8	4.8	8.8	4.1	7.62	7.9	14.1
<b>Mutual Aid - Quinebaug</b>										
36-18 Breezy Ln, Quinebaug, CT 06262	4.9	9.0	7.0	12.6	0.6	1.7	7.3	13.06	9.2	16.3
57-199 Norman Hill Rd, Woodstock, CT 06281	4.2	7.8	5.6	10.2	3.0	5.8	8.3	14.76	10.0	17.7
1-91 CT-197, Quinebaug, CT 06262	4.6	8.5	6.7	12.0	0.3	1.2	7.4	13.23	8.9	15.8

# Expenses



- Building
  - Maintenance
  - Electric
  - Heating
  - Utilities
- Turnout Gear
  - 10 yr NFPA mandated replacement
  - \$3000 each set
- Hose & Nozzles
- Firefighting Equipment
  - Ladders
  - Rope
- SCBA
  - 15 yr NFPA mandated replacement
  - \$8000 each set
- Apparatus
  - Repair
  - Replacement
  - Fuel
  - Above and beyond \$300,000+
- Training
  - Firefighter 1 - \$950
  - EMT - \$1000
- Medical Supplies
  - Epi-Pens - \$300-\$500



# Cost of ONE Certified Firefighter



One Interior Firefighter	
Turnout Coat & Pants	\$1,923.00
Structural Firefighting Boots	\$387.00
Firefighting Helmet	\$270.00
Helmet Shield	\$50.00
Interior Firefighting Gloves	\$79.00
Firefighting Hood	\$60.00
SCOTT X3-PRO SCBA Pack	\$6,856.00
Scott AV-3000 HT Mask	\$308.00
Scott 4500 45 Min Bottle	\$1,244.00
Firefighter I Certification Training	\$950.00
Flashlight - Coat	\$80.63
Halligan Tool	\$215.99
Ax	\$135.00
Handheld Radio	\$780.00
Total	\$13,338.62



Training and Outfitting one Firefighter is nearly 1/3<sup>rd</sup> of a Departments grant.

# Funding Facts



## Town Grant per Year per Department

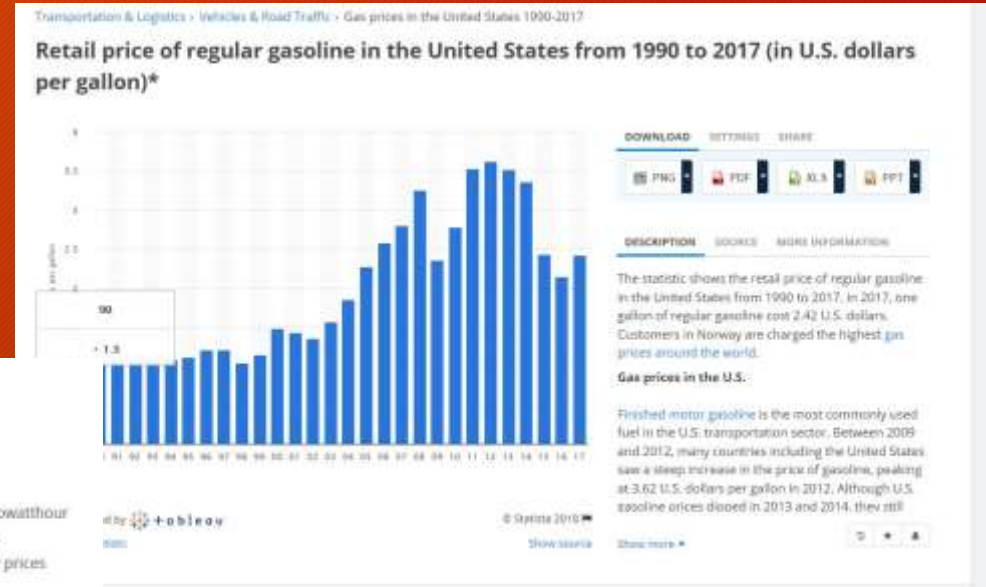
Year	% Change	Year	% Change	Year	% Change
1990		2001	3.8%	2012	2.8%
1991	14.3%	2002	5.5%	2013	5.3%
1992	6.7%	2003	8.3%	2014	12.6%
1993	0.0%	2004	3.8%	2015	4.4%
1994	1.3%	2005	2.5%	2016	3.2%
1995	9.5%	2006	3.0%	2017	3.1%
1996	4.0%	2007	2.9%	2018	-1.0%
1997	5.4%	2008	2.9%		
1998	-2.2%	2009	0.0%	Avg Grant	4.6%
1999	27.6%	2010	0.0%		
2000	0.0%	2011	0.0%		



# Funding Facts



- The Fire Departments are Independent Entities that rely on Town of Thompson Grants each year.
- 2018-19 Grant was \$48,000
- Each Department also conducts numerous fundraising events throughout the year.
- Each Department is responsible for paying all of their expenses except OSHA mandated items such as physicals, immunizations, OSHA testing, Liability & Workman's Compensation Insurance.
- Each Department also applies for State and Federal Grants every year to offset the costs associated with fire protection in the Town of Thompson



## Inflation Rate of Electricity Prices

### Electricity Price Inflation

Residential electricity prices in the U.S. have risen from an average of 7.83 cents per kilowatt-hour in 1990 to an average of 11.44 cents per kwh in 2010. This is a 46% increase in 20 years and sounds like a lot but as you can see from the chart below for many years electricity prices did not keep up with overall inflation (the red line is falling).

Inflation may affect Electricity to a greater or lesser extent than normal commodities. This is because, utilities in most countries are "regulated monopolies" meaning that since it would be inefficient for one company to run wires to your house and a different company to run wires to your neighbor's house, the government granted a monopoly to the local electric company to run wires to everyone's house. But since having a monopoly would enable them to charge whatever they wanted, regulations require the utility to get approval for rate increases from a governing agency. Generally, the governing agency allows a certain profit margin and as costs rise they allow prices to rise equally. In recent years, utilities have been able to add a variable to their billing to cover "fuel surcharges" so your electric rates can fluctuate with the price of fuel.

# Funding Facts



**WINY Radio**  
5 mins · 🌐

FROM THE NEWSROOM (THOMPSON): The Thompson Board of Selectman opened bids earlier this month to have a new alarm system put into the Library/Community Center, says First Selectman Ken Beausoleil.

The system, he says, is no longer serviceable.

"We became aware of it when the alarm panel was no longer serviceable. So, with the replacement of the alarm panel we went out to bid in order to get that upgraded so that way we could continue to service it for many more years to come. And, we have to have an active working alarm panel in there in order to have the building open. So right now it is working, but parts are no longer available. The building being 25 years old, we will be upgrading that in the near future."

The cost of a new alarm panel is approximately \$12,000 to \$16,000.

Beausoleil says that there is a repair budget for the Library/Community center in place and the money is already set aside to tackle the cost.

- Departments DO NOT have line items in the Town Budget.
- Capital Expenses are NOT paid for by the Town.
  - When a Town Entity needs a new roof it becomes a Line Item Capital Expense.
  - When a Fire Department needs a new roof it is paid for by the department.
  - When a Town Entity needs a new vehicle it becomes a Line item Capital Expense.
  - When a Fire Department needs a new piece of Apparatus, it is paid for by the department.



# Funding Facts



- Fire Department Budgets
  - Every year, each Fire Department submits, presents and defends their upcoming budget to the Board of Selectmen.
  - Includes past expenses, income and future capital expenditures.

Town of Thompson - Fire Departments					
Name of Fire Department: Thompson Fire Engine Co.					
Income and Expenditure					
	Actual	Actual	Actual	Estimate	
	Calendar 2016	Calendar 2017	Calendar 2018	Calendar 2019	
<b>Income</b>					
Billing Income	\$ -	\$ -			
Donations	\$ 4,945.2	\$ 6,468.5	\$ 12,476.5	\$	
Fundraising	\$ 12,803.7	\$ 9,115.7	\$ 8,850.0	\$	
Town Support	\$ 47,000.0	\$ 48,500.0	\$ 48,000.0	\$	72,000.0
Miscellaneous (please provide details)					
Other Income (including interest income, please provide details)	\$ 1,989.8	\$ 2,264.3	\$ 1,426.5	\$	1,500.0
<b>Total Income</b>	<b>\$ 66,738.7</b>	<b>\$ 66,348.6</b>	<b>\$ 70,753.0</b>	<b>\$</b>	<b>73,500.0</b>
<b>Expenses</b>					
Wages (please provide details)	\$ -	\$ -			
Payroll Taxes	\$ -	\$ -			
Employment Expenses - Other	\$ -	\$ -			
Accounting Fees	\$ 160.0	\$ 180.0	\$ 225.0	\$	250.0
Telecommunications					
Other Communications (example Radios, etc)	\$ 1,081.0	\$ 400.0	\$ 114.0	\$	3,000.0
Postage	\$ 47.0	\$ -	\$ 50.0	\$	50.0
Utilities:					
Electricity	\$ 1,713.2	\$ 1,502.8	\$ 1,538.0	\$	1,600.0
Gas	\$ -	\$ -			
Oil	\$ 871.1	\$ 685.0	\$ 887.6	\$	900.0
Propane	\$ 732.5	\$ 775.9	\$ 810.9	\$	800.0
Garbage/Recycling	\$ 390.0	\$ 390.0	\$ 390.0	\$	390.0
Water & Sewer	\$ 150.0	\$ 150.0	\$ 150.0	\$	150.0
Alarm	\$ 294.0	\$ 294.0	\$ 294.0	\$	300.0
Computer expense	\$ -	\$ 143.9	\$ -	\$	150.0
Equipment:					
Gear	\$ 15,152.4	\$ 1,005.0	\$ 6,159.8	\$	12,000.0
Parts	\$ 102.0	\$ 859.0	\$ 387.2	\$	500.0
Tools	\$ 15,612.5	\$ 2,860.7	\$ 6,978.8	\$	3,000.0
Repairs	\$ -	\$ 1,813.7	\$ 313.3	\$	500.0
Rental	\$ -	\$ -			
Other	\$ -	\$ -			
Building:					
Parts & Repair	\$ 4,629.8	\$ 4,595.3	\$ 2,214.2	\$	3,500.0
Supplies	\$ 92.1	\$ -	\$ -	\$	100.0
Vehicle Expenses:					
Parts & Repair	\$ 3,624.8	\$ 4,348.0	\$ 3,901.0	\$	4,000.0
Fuel	\$ 680.6	\$ 736.2	\$ 774.3	\$	800.0
Mileage Reimbursement	\$ -	\$ -			

Income and Expenditure					
	Actual	Actual	Actual	Estimate	
	Calendar 2016	Calendar 2017	Calendar 2018	Calendar 2019	
Education & Training	\$ 630.1	\$ 1,140.5	\$ 1,509.5	\$	6,500.0
Professional Fees & Dues	\$ 160.0		\$ 160.0	\$	160.0
Office Supplies	\$ 78.7		\$ 501.4	\$	250.0
Uniforms	\$ -		\$ 681.0	\$	500.0
Medical Expenses	\$ 1,360.4	\$ 1,369.0	\$ 150.7	\$	1,200.0
Fundraising Expenses	\$ 3,000.0	\$ 3,000.0	\$ 3,668.9	\$	3,200.0
Volunteer Expenses	\$ 998.3	\$ 913.0	\$ 840.3	\$	1,000.0
Permits					
Banking charges		\$ 141.2			
Debt Service (loan and other debt repayments)					
Other Expenses (please provide details)			\$ 250.0	\$	250.0
<b>Total Expenses</b>	<b>\$ 53,816.1</b>	<b>\$ 29,977.1</b>	<b>\$ 35,606.7</b>	<b>\$</b>	<b>52,800.0</b>
<b>Net Surplus / (Deficit)</b>	<b>\$12,922.6</b>	<b>\$ 36,371.5</b>	<b>\$ 35,146.3</b>	<b>\$</b>	<b>20,700.0</b>

# Funding Facts - Capital Planning



- Fire Department Budgets
  - This year, each Fire Department also generated full comprehensive 30-40 year Capital Plans.
  - Apparatus needs replacing every 20-30 years.
  - Buildings need new roofs, heating systems, upgrades, etc.
  - SCBA, Turnout Gear, Hose, etc all need replacement in 10-15 years.
  - The plans outlined what the departments need for funding to cover future capital expenses.



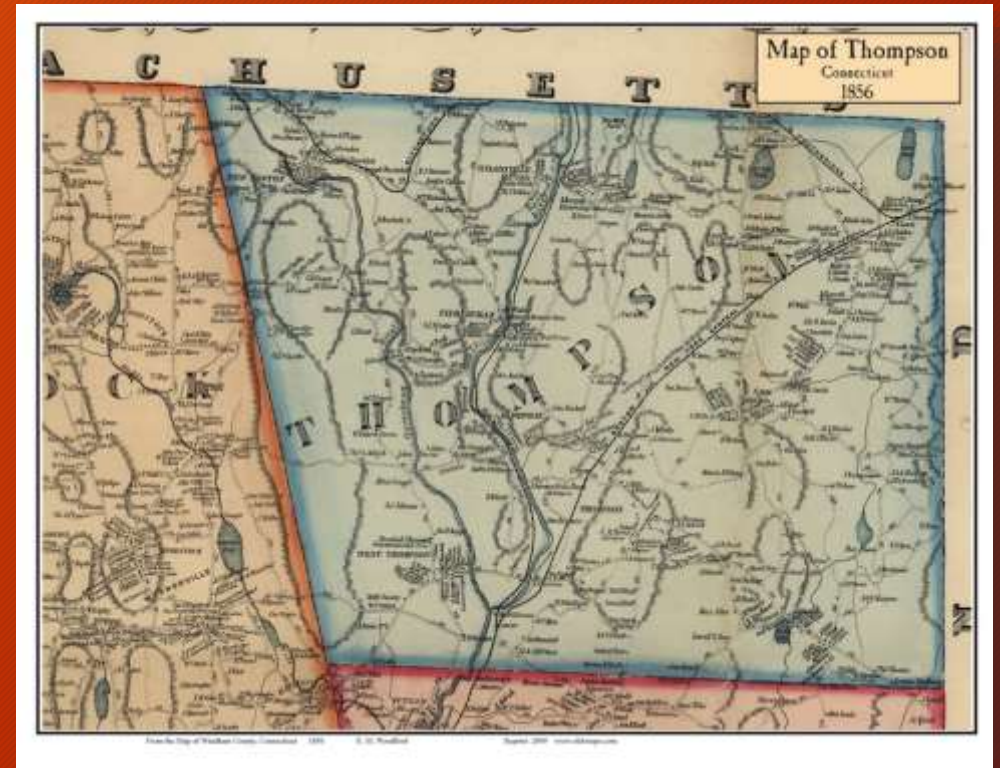




# Funding Facts



- The Town of Thompson has:
  - Approximately 9,800 Residents
  - Approximately 3,730 Households
- Each Fire Department is granted \$48,000 each or a total of \$240,000





# Funding - Current



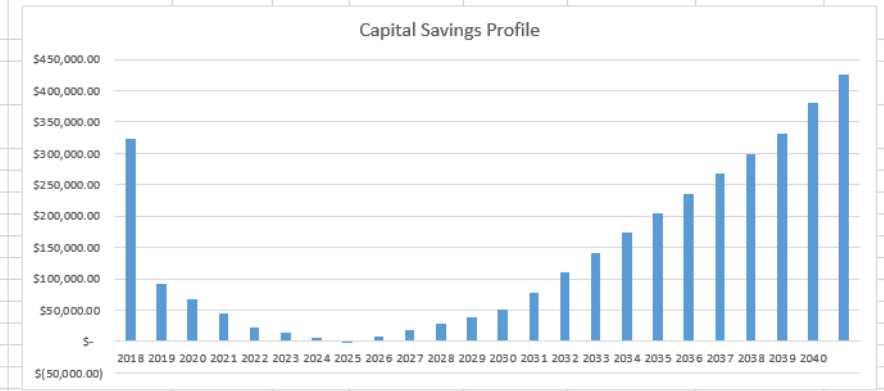
- Cost Breakdown
  - Per Person
    - \$25.40 per year
    - \$.069 per day
  - Per Household
    - \$64.35 per year
    - \$.176 per day
  - If your Household buys just 1 Med Iced Coffee once a week you spend about \$130 per year.
  - \*Let it be noted that the per person/per household is used for comparison only. Each does not pay that per year as the Grandlist includes businesses.

# Funding - Proposed



- The Thompson Fire Departments are seeking an increase of approximately \$27,000 per department.
- This increase will allow each department to continue to operate into the future in a safe and efficient manner.
  - Capital Expenditure Plan
  - Apparatus replacement
  - Station repair/replacement

Current Yr	Thompson Fire Engine Co Capital Planning							
2018	Item	Purchase Year	Current Age	Life Expectancy	Remaining Life	Replacement Year	Estimated Replacement Cost	Amount per Year
	1 Roof Replacement	2012	6	25	19	2037	\$20,000.00	-\$1,052.63
	2 Storage/Training	2019	-1	40	41	2019	\$60,000.00	-\$60,000.00
	3 Furnace	1995	23	25	2	2020	\$5,000.00	-\$2,500.00
	4 ET184	2010	8	30	22	2040	\$275,000.00	-\$12,500.00
	5 ET284	2001	17	30	13	2031	\$250,000.00	-\$19,230.77
	6 Rescue 484	1997	21	22	1	2019	\$150,000.00	-\$150,000.00
	7 Forrestry 184	1985	33	40	7	2025	\$100,000.00	-\$14,285.71
	8 Turnout Gear	2016	2	10	8	2026	\$30,000.00	-\$3,750.00
	9 SCBA	2007	11	15	4	2022	\$60,000.00	-\$15,000.00
	10 Gear Washer/Extractor	2019	-1	10	11	2029	\$10,000.00	-\$909.09
	11 5" LDH ET284 (1000')	1996	22	23	1	2019	\$4,800.00	-\$4,800.00
	12 5" LDH ET184 (1000')	2014	4	15	11	2029	\$7,000.00	-\$636.36
							Amount Yearly	-\$284,664.57





# Funding - Proposed



- Cost Breakdown
  - Per Person
    - \$39.70 per year
    - \$.11 per day
  - Per Household
    - \$100 per year
    - \$.28 per day
    - An approximate \$35/year increase
  - The increase is less than 3 large pizzas a year for your family.
  - If your Household buys just 1 Med Iced Coffee once a week you spend about \$130 per year.
  - \*Let it be noted that the per person/per household is used for comparison only. Each does not pay that per year as the Grandlist includes businesses.

# Funding Year to Year



## Thompson Fire/Rescue/Paramedic Total Cost

Thompson Fire Department Budget Breakdown 2018-19

		Per Person Per Year	Per Person Per Month	Per Person Per Week	Per Person Per Day	Per Household
Dept Grant	\$48,500.00					
No. of Depts	5					
Total Grants to Depts	\$242,500.00	\$24.74	\$2.06	\$0.48	\$0.07	\$65.01
Population	9450					
Households	3730					
Fire Marshal	14,175.00					
ALS	19,000.00					
911 Dispatch	22,937.00					
Hydrants	80,318.00					
Physicals	750.00					
Liability Insurance	87,698.00					
Tax Abatement	40,000.00					
FH Software	2,100.00					
Burn Official	100.00					
Sub Total of Fire/EMS	267,078.00					
Total Fire/EMS Protection	\$509,578.00	\$52.00	\$4.33	\$1.00	\$0.14	\$136.62

Thompson Fire Department Budget Breakdown 2019-20 -Proposed-

		Per Person Per Year	Per Person Per Month	Per Person Per Week	Per Person Per Day	Per Yr. Househol d	Increase Over 2018 Per Household
Dept Grant	\$75,000.00						
No. of Depts	5						
Total Grants to Depts	\$375,000.00	\$39.68	\$3.31	\$0.76	\$0.11	\$100.54	\$35.53
Population	9,450						
Households	3,730						
Fire Marshal	23,000.00						
ALS	19,000.00						
911 Dispatch	22,938.00						
Hydrants	80,517.00						
Physicals	750.00						
Liability Insurance	87,698.00						
Tax Abatement	35,000.00						
FH Software	2,100.00						
Burn Official	500.00						
Sub Total of Fire/EMS	271,503.00						
Total Fire/EMS Protection	\$646,503.00	\$68.41	\$5.70	\$1.32	\$0.19	\$173.33	\$37.08



# Comparisons



- Comparisons from town to town are somewhat difficult.
- Each town handles their budgets differently.
- Most area departments have fire tax districts.
- Budget line items and classifications are different in each town.
- The numbers presented are compiled from different sources and the numbers are aligned as best as possible.
- The common variables are dollars, population and service area.
- There may be small discrepancies because of compilation but nothing is intended to mislead or misrepresent the numbers.
- The towns may not be the same but the citizens are no different and deserve the best services as their needs are the same.



# Comparisons - Fire District Mil Rate



- The majority of fire departments are supported by Fire Tax Districts.
- Fire Districts have their own Boards.
- Depending on the town, either the Tax District collects the fire tax or the town collects the fire tax.
- The Fire District Tax is in addition to the personal property tax, real estate tax, etc.

Town/Fire Tax District	Mil Rate
Killingly Attawaugan FD	3.05
Plainfield Central Village F.D.	2.875
Killingly Williamsville FD	2.45
Plainfield Wauregan F.D.	2.3
Plainfield Moosup FD	2.1
Killingly E. Killingly FD	2
Sterling, Fire District	2
Putnam East Putnam District	1.8
Brooklyn - East Brooklyn FD	1.75
Plainfield FD # 255	1.7
Killingly So. Killingly FD	1.4
Pomfret Fire District	1
Putnam West Putnam District	1
Killingly Dyer Manor	0.5
<b>Fire District Average</b>	<b>1.85</b>
18-Apr-18	

Town/Fire Tax District	Mil Rate
Middletown, City Fire	8.5
Enfield Thompsonville FD #2	8.34
Groton, Poquonock Bridge Fire	5.73
Middletown, South Fire	4.781
Enfield Fire District #1	3.5
Groton - Center Fire	3.5
Groton, W. Pleasant Valley Fire	3.5
Enfield, No. Thompsonville Fire Dist. #4	3.15
Killingly Attawaugan FD	3.05
Enfield Shaker Pines Fire Dist #5	3
Windsor, Wilson Fire District	3
Groton, Old Mystic Fire	2.95
Stonington Old Mystic FD #366	2.95
Plainfield Central Village F.D.	2.875
Enfield, Hazardville Fire Dist.#3	2.65
Bloomfield, Blue Hills FD	2.5
Killingly Williamsville FD	2.45
Plainfield Wauregan F.D.	2.3
Groton, Mystic Fire	2.29
Plainfield Moosup FD	2.1
Killingly E. Killingly FD	2
Sterling, Fire District	2
Windsor, Windsor Fire District	2
Stonington Mystic FD #239	1.82
Berlin - Worthington FD	1.8
Putnam East Putnam District	1.8
Brooklyn - East Brooklyn FD	1.75
New Hartford Village FD #1	1.7
Plainfield FD # 255	1.7
Stonington Pawcatuck FD #264	1.64
Barkhamsted Fire District	1.63
Wilton - Georgetown FD	1.5679
Middletown, Westfield Fire	1.55
Redding Georgetown FD	1.5134
Groton, Noank Fire	1.49
Weston - Georgetown FD	1.4637
Killingly So. Killingly FD	1.4
East Windsor - Warehouse Point FD	1.3
Simsbury - Fire District	1.23
Trumbull Nichols FD	1.113
Berlin - Kensington FD	1.1
Stonington Quiambaug FD #378	1.05
Bloomfield, Center FD	1
Pomfret Fire District	1
Putnam West Putnam District	1
Redding Fire District 1	0.83934
Trumbull Long Hill FD	0.825
New Hartford South End FD #4	0.8
Stonington FD #265	0.7
Killingly Dyer Manor	0.5
Stonington Wamphassuk Point Assoc. - Fire District	0.47
<b>Fire District Average</b>	<b>2.25232</b>



# Comparison



- Thompson spends:
  - ½ what Killingly Taxpayers spend and that does not include Ambulance Service provided by KB Ambulance.
  - 2/3's of what Plainfield Taxpayers spend and that does not include Ambulance Service provided by American Legion Ambulance.
  - All Thompson Emergency Management Costs are \$73 per person per year.
    - Includes:
      - Ambulance
      - Paramedic
      - Insurance
      - Hydrants

Town	Cost/Person per Year
Town of Killingly * **	\$130* **
Town of Plainfield **	\$99**
Town of Thompson ***	\$73***

\*Not including Williamsville's Budget  
 \*\* Not Including Ambulance Service or other services  
 \*\*\*Proposed with Ambulance Service

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Town of Thompson  
2019-2020  
Budget Expenditures

Fund - 001 - GENERAL BUDGET  
Department - 2202 FIRE & RESCUE DEPARTMENTS

Obj/Sub	Description	Actual 2016/17	Actual 2017/18	Budget FY 2018/19	Estimate FY19	PAID YTD FY18	OPEN POs	FY2020 Dept Proposed	FY2020 Selectman Proposed	FY2020 RCIF Proposed	% Increase (Decrease)
52100	W/L SYSTEM	22,593	22,037	21,987	23,381	23,381		22,038	22,938		-444
522221	HYDRANTS	79,469	82,604	86,125	85,000	49,400	36,600	80,517	88,517		-5,605
522500	GRANTS SPECIAL FIRE & AMBULANCE	260,000	242,500	228,000	228,000	228,000		425,500	350,000		82,600
522501	IMMUNIZATIONS/PHYSICALS	0	0	750	500	100		750	750		0
522510	VOLUNTEER FIRE INSURANCE	78,815	79,872	83,000	80,000	75,785		84,000	88,000		-1,600
522515	COST OF MANDATED OSHA/DOT TESTS	8,398	18,827	20,000	18,000	4,816	8,262	20,000	20,000		0
522550	FIREFIGHTER REPTING	36,549	26,055	38,000	38,000	0		38,000	35,000		0
522551	SPECIAL SERVICES- SOFTWARE/OTHER CONSULTING	11,605	1,755	1,000	1,755	1,755		1,252	3,252		212
522552	PARAMEDIC AMBULANCE PROTECTIVE CLOTHING & EQUIPMENT	13,282	14,865	17,000	15,500	8,073	5,625	19,000	18,000		1,500
552000	BURNING OFFICER ANNUAL WAGE				0	0		500	100		800
552100	BURNING OFFICER MILSAGE		100	100	100	0		100	100		100
*Total for Object		546,289	489,099	558,854	547,236	451,512	49,388	691,757	618,257	0	57,403
*Total for Department		546,289	489,099	558,854	547,236	451,512	49,388	691,757	618,257	0	57,403
Budget Increase (Decrease) - \$								132,001	-57,401		-538,834
Budget Increase (Decrease) - %								23.8%	-10.3%		-100.0%

# Comparison - Town of Killingly



- Population
  - 17,386 (approx. as of 2010)
  - 358 per square mile
- Area
  - Total
  - 50.0 sq. mi.
- Land
  - 48.5 sq. mi.
- Water
  - 1.5 sq. mi.
- Square Miles/Dept.
  - 8.33

<u>Department</u>	<u>Yearly Budget</u>
Attawaugan	\$352,278.00
Danielson	\$715,235.00
Dayville	\$762,500.00
(Dayville (2019)	\$899,000.00***)
East Killingly	\$204,131.00
South Killingly	\$236,000.00
Williamsville	Not Found
TOTAL	\$2,270,144.00

Approximately \$130 per person/yr (+Williamsville)

\*Data from Year 2015 and older

\*\*Does not include Ambulance Service

\*\*\*Included Paid Chief & (2) Paid Firefighters



# Comparison - Town of Killingly



- Killingly 8 Fire Tax Districts
- Each set their Mill Rate
- This Mill Rate is in addition to the normal Town of Killingly Mil rate.

Dist #	District Name /	Collector	Phone	Mills
Code	Fire Chief /	Information	2017 Grand List	
1	Attawaugan	Deb McQuesten PO Box 584 Killingly CT 06241	771-3473 <a href="mailto:afdtaxcollector@gmail.com">afdtaxcollector@gmail.com</a>	3.22
#371		Matt Desrosiers (860)634-2112	Waive under \$2.00	
2	Dayville	(Charter Oak) Christine Wakefield PO Box 307 Killingly CT 06241	774-5525 x201	1.90
#373		Kevin Ide (860)774-5525	Waive under \$5.00	
3	Dyer Manor	Barbara Laliberte PO Box 245 Wauregan CT 06387	774-4176	0.50
		Chuck Kelleher (860)774-4220	Waive under \$5.00	
4	East Killingly	Donna Ducat PO Box 214 E Killingly CT 06243	774-3033	2.00
#370		George Stevens (860)774-4817	Waive under \$5.00	
5	Orient Heights	Cheryl Lukowski 34 Bonneville St Killingly CT 06239	774-6788	0.63
#331		Chuck Kelleher (860)774-4220	Waive Under \$5.00	
6	Williamsville	Lisa Gaudreau PO Box 141 Killingly CT 06263	<a href="mailto:williamsvillefiretax@gmail.com">williamsvillefiretax@gmail.com</a> 774-1934	2.45
#381		Keith Cooper 774-9995 or (860)428-7032	Waive under \$1.00	
7	South Killingly	Susan Gregware PO Box 31 Killingly CT 06239	<a href="mailto:sgregware129@hotmail.com">sgregware129@hotmail.com</a> 774-0700	2.40
#363		Seth M. DeAngelis (860)315-4396	waive under \$5.00	
8	Danielson	Borough of	779-5330	4.95
#207		Chuck Kelleher (860)774-4220	waive under \$2.00	
#069	Town of Killingly		779-5330	27.76
	Connecticut Water Co.		1-800-286-5700	
	United Water Service, Inc.		779-5392	
		PO Box 686 Killingly CT 06239		

# Comparison - Town of Plainfield



- Population
  - 15,405 (approx. as of 2010)
  - 365 per square mile
- Area
  - Total
  - 43.0 sq. mi.
- Land
  - 42.3 sq. mi.
- Water
  - 0.8 sq. mi.
- Square Miles/Dept.
  - 10.8

<u>Department</u>	<u>Yearly Budget</u>
Plainfield	\$600,000.00
Wauregan	\$204,000.00
Central Village	\$303,610.00
Moosup	\$429,000.00
TOTAL	\$1,536,610.00

Approximately \$99 per person/year

\*Data from Year 2015 and older

\*\*Does not include Ambulance Service



# Comparison - Town of Pomfret



- Population
  - 4,167 (approx. as of 2017)
  - 103 per square mile
  - 3,730 Households
- Area
  - Total
  - 40.6 sq. mi.
- Land
  - 40.3 sq. mi.
- Water
  - 0.3 sq. mi.
- Square Miles/Dept.
  - 40.6 sq. mi.

<u>Department</u>	<u>Yearly Budget</u>
Pomfret Fire Dept.	\$349,190.00
TOTAL	\$349,190.00

Approximately \$93 per person/year

\*Data from Year 2018  
.78 mil rate (2019)

# Comparison - Town of Woodstock - Fire



- Population
  - 7,964 (approx. as of 2010)
  - 132 per square mile
  - 3,151 Households
- Area
  - Total
  - 61.8 sq. mi.
- Land
  - 60.5 sq. mi.
- Water
  - 1.3 sq. mi.
- Square Miles/Dept.
  - 20.6 sq. mi.

<u>Department</u>	<u>Yearly Budget</u>
Muddy Brook	\$-
Bungay	\$-
Woodstock Vol	\$-
TOTAL	\$485,900.00

Approximately \$61 per person/year

\*Data from Year 2018

Woodstock Fire Protection Assoc.  
& Woodstock Emergency Medical  
(Ambulance) are separate.



# Comparison - Town of Woodstock - EMS



- Population
  - 7,964 (approx. as of 2010)
  - 132 per square mile
  - 3,151 Households
- Area
  - Total
  - 61.8 sq. mi.
- Land
  - 60.5 sq. mi.
- Water
  - 1.3 sq. mi.
- Square Miles/Dept.
  - 20.6 sq. mi.

<u>Department</u>	<u>Yearly Budget</u>
Woodstock	\$141,080.00
Emergency Medical	
<b>TOTAL</b>	<b>\$141,080.00</b>

Approximately \$18 per person/year

\*Woodstock Fire Protection Assoc.  
& Woodstock Emergency Medical are separate.

# Comparison - Town of Thompson



- Population
  - 9,450 (approx. as of 2010)
  - 201 per square mile
  - 3,730 Households
- Area
  - Total
  - 48.7 sq. mi.
- Land
  - 46.9 sq. mi.
- Water
  - 1.7 sq. mi.
- Square Miles/Dept.
  - 9.7

<u>Department</u>	<u>Yearly Budget</u>
Community	\$48,000.00
East Thompson	\$48,000.00
Thompson Hill	\$48,000.00
Quinebaug	\$48,000.00
West Thompson	\$48,000.00
<b>TOTAL</b>	<b>\$240,000.00</b>

Approximately \$24 per person/year

\*Data from Year 2018



# Comparison - Town of Woodstock



- Combined Emergency Services
- Population
  - 7,964
  - 132 per square mile
  - 3,151 Households
- Area
  - Total
  - 61.8 sq. mi.
- Woodstock
- \$691,992.00
- \$87/person
- \$220/household
- \$11,198/sq. mi.

TOWN OF WOODSTOCK FY 18-19 GENERAL GOVERNMENT BUDGET FIRE PROTECTION ASSOCIATION				
ACCOUNT NUMBER	DESCRIPTION	FY 18-17 EXPENDED	FY 17-18 BUDGET	FY 18-19 FINAL BUDGET
10-000-0000-307-500-30-344-12	INSURANCE	\$ 70,000	\$ 69,900	\$ 66,693
<b>TOTAL INSURANCE</b>		<b>\$ 70,000</b>	<b>\$ 69,900</b>	<b>\$ 66,693</b>
10-000-0000-307-510-00-219-12	AUDITING	\$ 5,500	\$ 5,500	\$ 5,800
10-000-0000-307-510-00-224-12	ELECTRICITY	\$ 18,500	\$ 17,800	\$ 15,000
10-000-0000-307-510-00-225-12	TELEPHONE	\$ 10,000	\$ 12,000	\$ 11,000
10-000-0000-307-510-00-229-12	OCCUPATIONAL HEALTH SERVICES	\$ 16,800	\$ 18,300	\$ 16,800
10-000-0000-307-510-00-231-12	TRAINING	\$ 8,000	\$ 16,800	\$ 11,000
10-000-0000-307-510-00-345-12	HEAT	\$ 18,000	\$ 14,800	\$ 11,800
<b>TOTAL SERVICES</b>		<b>\$ 75,300</b>	<b>\$ 76,100</b>	<b>\$ 68,700</b>
10-000-0000-307-515-00-274-12	PAGER REPLACEMENT	\$ 2,500	\$ 2,500	\$ 2,800
10-000-0000-307-515-00-281-12	PERSONAL PROTECTION EQUIPMENT	\$ 32,000	\$ 35,300	\$ 39,500
<b>TOTAL SUPPLIES</b>		<b>\$ 34,500</b>	<b>\$ 37,800</b>	<b>\$ 41,500</b>
10-000-0000-307-620-00-298-12	CAPITAL IMPROVEMENTS (BUILDINGS)	\$ 9,700	\$ 13,000	\$ 8,000
10-000-0000-307-620-00-299-12	APPARATUS PAYMENTS (EXISTING)	\$ 13,100	\$ 13,100	\$ 12,100
10-000-0000-307-620-00-300-12	NEW APPARATUS FUND	\$ 133,200	\$ 133,200	\$ 126,000
10-000-0000-307-620-00-302-12	NEW EQUIPMENT (NON-APPARATUS)	\$ 30,200	\$ 22,400	\$ 28,000
<b>TOTAL CAPITAL OUTLAY</b>		<b>\$ 186,200</b>	<b>\$ 181,700</b>	<b>\$ 161,400</b>
10-000-0000-307-630-00-341-12	APPARATUS MAINTENANCE	\$ 26,400	\$ 34,000	\$ 44,000
10-000-0000-307-630-00-342-12	APPARATUS REPAIRS	\$ 6,000	\$ 9,000	\$ 6,000
10-000-0000-307-630-00-343-12	BUILDING MAINTENANCE	\$ 7,000	\$ 10,000	\$ 12,400
10-000-0000-307-630-00-344-12	EQUIPMENT MAINTENANCE	\$ 8,000	\$ 5,200	\$ 16,800
10-000-0000-307-630-00-345-12	RADIO REPAIRS	\$ 5,000	\$ 5,100	\$ 5,500
10-000-0000-307-630-00-346-12	FUEL	\$ 9,000	\$ 6,000	\$ 4,000
<b>TOTAL REPAIRS &amp; MAINTENANCE</b>		<b>\$ 64,100</b>	<b>\$ 73,100</b>	<b>\$ 82,900</b>
10-000-0000-307-640-00-309-12	RECRUITMENT AND RETENTION PROGRAM	\$ 25,200	\$ 25,200	\$ 25,200
<b>TOTAL PROJECTS</b>		<b>\$ 25,200</b>	<b>\$ 25,200</b>	<b>\$ 25,200</b>
10-000-0000-307-660-00-945-12	REGULAR OPERATIONS	\$ 12,700	\$ 11,700	\$ 11,700
10-000-0000-307-660-00-946-12	WFFA OPERATIONS	\$ 1,000	\$ 1,200	\$ 1,000
<b>TOTAL MISCELLANEOUS</b>		<b>\$ 14,700</b>	<b>\$ 12,900</b>	<b>\$ 12,700</b>
<b>TOTAL FIRE PROTECTION</b>		<b>\$ 470,000</b>	<b>\$ 476,200</b>	<b>\$ 485,200</b>

## TOWN OF WOODSTOCK FY 18-19 GENERAL GOVERNMENT BUDGET PUBLIC SAFETY BOARDS AND COMMISSIONS

DESCRIPTION	FY 16-17 EXPENDED	FY 17-18 BUDGET	FY 18-19 FINAL BUDGET
EMERGENCY MANAGEMENT	\$ 249	\$ 250	\$ 3,385
TREE WARDEN	\$ 15,000	\$ 15,000	\$ 15,000
911 EMERGENCY SYSTEM	\$ 17,198	\$ 17,208	\$ 16,958
WOODSTOCK EMERGENCY MEDICAL	\$ 136,350	\$ 138,940	\$ 141,080
PARAMEDIC INTERCEPT SERVICE	\$ 9,689	\$ 13,300	\$ 13,300
ANIMAL CONTROL	\$ 24,759	\$ 24,690	\$ 26,642
<b>TOTAL PUBLIC SAFETY BOARDS AND COMMISSIONS</b>	<b>\$ 203,246</b>	<b>\$ 209,388</b>	<b>\$ 216,365</b>

TOWN OF WOODSTOCK FY 18-19 GENERAL GOVERNMENT BUDGET FIRE MARSHAL				
ACCOUNT NUMBER	DESCRIPTION	FY 16-17 EXPENDED	FY 17-18 BUDGET	FY 18-19 FINAL BUDGET
10-000-0000-305-000-00-205-12	STAFF	\$ 18,000	\$ 18,100	\$ 18,500
10-000-0000-305-000-00-206-12	PART-TIME STAFF	\$ 2,281	\$ 4,100	\$ 4,264
<b>TOTAL PERSONNEL SERVICES</b>		<b>\$ 20,281</b>	<b>\$ 22,200</b>	<b>\$ 22,764</b>
10-000-0000-305-010-00-210-12	MILEAGE	\$ 1,265	\$ 1,570	\$ 1,600
10-000-0000-305-010-00-215-12	DUES & CONFERENCES	\$ 985	\$ 1,175	\$ 1,175
10-000-0000-305-010-00-217-12	CONTRACTUAL SERVING OFFICIALS	\$ 780	\$ 1,180	\$ 1,180
<b>TOTAL SERVICES</b>		<b>\$ 3,011</b>	<b>\$ 3,925</b>	<b>\$ 3,955</b>
10-000-0000-305-015-00-271-12	MATERIALS & SUPPLIES	\$ 1,185	\$ 1,310	\$ 1,310
10-000-0000-305-015-00-274-12	PERSONAL PROTECTIVE EQUIPMENT	\$ -	\$ 500	\$ 500
10-000-0000-305-015-00-279-12	INVESTIGATIVE EQUIPMENT & CONTR. SERV	\$ -	\$ 500	\$ 500
10-000-0000-305-015-00-280-12	COMMUNICATION EQUIPMENT	\$ 214	\$ 500	\$ 500
10-000-0000-305-015-00-281-12	FIRE PREVENTION ACTIVITIES	\$ 365	\$ 600	\$ 600
<b>TOTAL SUPPLIES</b>		<b>\$ 1,764</b>	<b>\$ 2,510</b>	<b>\$ 2,510</b>
10-000-0000-305-019-00-274-12	PROTECTIVE EQUIPMENT REPAIR	\$ -	\$ 125	\$ 125
10-000-0000-305-019-00-311-12	FIRE MARSHAL RADIO REPAIR	\$ 48	\$ 150	\$ 150
10-000-0000-305-019-00-319-12	INVESTIGATIVE EQUIPMENT REPAIR	\$ 355	\$ 350	\$ 350
<b>TOTAL MAINTENANCE &amp; REPAIR</b>		<b>\$ 368</b>	<b>\$ 625</b>	<b>\$ 625</b>
<b>TOTAL FIRE MARSHAL</b>		<b>\$ 25,362</b>	<b>\$ 30,710</b>	<b>\$ 31,365</b>

# Comparison - Town of Thompson



- Combined Emergency Services
- Population
  - 9,450 (approx. as of 2010)
  - 201 per square mile
  - 3,730 Households
- Area
  - Total
  - 48.7 sq mi

Town of Thompson  
2019-2020 Budget  
Expenditures

Fund - 005 - GENERAL BUDGET  
Department - 2201 FIRE MARSHAL

Obj/Sub	Description	Actual 2016/17	Actual 2017/18	Budget FY 2018/19	Estimate FY19	2014/2019		FY2020	FY2020	FY2020	FY2020	% Increase (Decrease)
						PAID YTD	OPEN P/Os					
510027	FIRE MARSHAL	12,000	12,000	12,000	12,000	7,000		19,000	19,000			7,000
5100cc	DEPUTY FIRE MARSHAL					0		4,000	4,000			4,000
*Total for Object		12,000	12,000	12,000	12,000	7,000	0	23,000	23,000			11,000
532110	PROFESSIONAL AFFILIATIONS					0		435	435			435
532150	TRAVEL	870		1,000	1,000			1,350	1,350			200
532150	TRAINING	0		10	10			1,000	1,000			990
*Total for Object		870	0	1,010	1,010	0		2,635	2,635			1,625
531150	OFFICE SUPPLIES	0		50	50			100	100			50
532250	PROTECTIVE CLOTHING	0		890	100	100		100	200			100
533400	MANUALS / SUBSCRIPTIONS	0		35	35	20		1,100	1,300			1,275
533XXX	EQUIPMENT	0						1,000	1,000			1,000
*Total for Object		0	890	175	175	20		2,600	2,600			2,425
*Total for Department		12,870	12,890	13,185	13,185	7,020		28,235	28,235			15,000

Town of Thompson  
2019-2020  
Budget Expenditures

Town of Thompson  
2019-2020  
Budget Expenditures

Fund - 001 - GENERAL BUDGET  
Department - 2202 FIRE & RESCUE DEPARTMENTS

Obj/Sub	Description	Actual 2016/17	Actual 2017/18	Budget FY 2018/19	Estimate FY19	2014/2019		FY2020	FY2020	FY2020	FY2020	% Increase (Decrease)
						PAID YTD	OPEN P/Os					
522199	911 SYSTEM	22,593	22,937	23,382	23,381	23,381		22,938	22,938			-444
522221	HYDRANTS	79,459	82,694	86,121	85,850	85,850	30,600	80,517	80,517			-5,600
522500	GRANTS SPECIAL FIRE & AMBULANCE	260,800	267,500	288,000	288,000	288,000		423,500	350,000			83,000
522503	AMBULIZATIONS/MYISCALS	0	0	750	830	100		750	750			0
522510	VOLUNTEER FIRE INSURANCE	76,615	79,877	83,000	80,000	75,785		84,000	84,000			-1,000
522515	COST OF MANDATED OSHA/DOT TESTS	9,588	18,427	20,000	18,000	4,818	9,362	20,000	20,000			0
522550	FIREFIGHTER REFUND	30,349	26,055	33,000	33,000	0		33,000	33,000			0
522551	SPECIAL SERVICES: SOFTWARE/OTHER	11,605	1,755	3,000	1,755	1,755		3,252	3,252			252
522552	PARAMEDIC AMBULANCE	15,282	14,843	17,500	15,500	8,075	9,425	19,000	19,000			1,600
522552	PROTECTIVE CLOTHING & EQUIPMENT	40,778		0				0	0			0
5520cc	BURNING OFFICER ANNUAL WAGE				0	0		300	300			300
553130	BURNING OFFICER MILEAGE	0	100	100	100	0		300	300			300
*Total for Object		346,289	489,099	538,834	547,236	451,512	49,388	691,257	616,257			57,403
*Total for Department		346,289	489,099	538,834	547,236	451,512	49,388	691,257	616,257			57,403

EMERGENCY MANAGEMENT

Obj/Sub	Description	Actual 2016/17	Actual 2017/18	Budget FY 2018/19	Estimate FY19	2014/2019		FY2020	FY2020	FY2020	FY2020	% Increase (Decrease)
						PAID YTD	OPEN P/Os					
522500	GRANTS SPECIAL FIRE & AMBULANCE	260,800	267,500	288,000	288,000	288,000		423,500	350,000			83,000
522503	AMBULIZATIONS/MYISCALS	0	0	750	830	100		750	750			0
522510	VOLUNTEER FIRE INSURANCE	76,615	79,877	83,000	80,000	75,785		84,000	84,000			-1,000
522515	COST OF MANDATED OSHA/DOT TESTS	9,588	18,427	20,000	18,000	4,818	9,362	20,000	20,000			0
522550	FIREFIGHTER REFUND	30,349	26,055	33,000	33,000	0		33,000	33,000			0
522551	SPECIAL SERVICES: SOFTWARE/OTHER	11,605	1,755	3,000	1,755	1,755		3,252	3,252			252
522552	PARAMEDIC AMBULANCE	15,282	14,843	17,500	15,500	8,075	9,425	19,000	19,000			1,600
522552	PROTECTIVE CLOTHING & EQUIPMENT	40,778		0				0	0			0
5520cc	BURNING OFFICER ANNUAL WAGE				0	0		300	300			300
553130	BURNING OFFICER MILEAGE	0	100	100	100	0		300	300			300
*Total for Object		346,289	489,099	538,834	547,236	451,512	49,388	691,257	616,257			57,403
*Total for Department		346,289	489,099	538,834	547,236	451,512	49,388	691,257	616,257			57,403

- Thompson
- \$633,327.00
- \$67/person
- \$170/household
- \$13,000/sq. mi.

Budget Increase (Decrease) - \$ 132,803  
Budget Increase (Decrease) - % 23.8%

Budget Increase (Decrease) - \$ -338,834  
Budget Increase (Decrease) - % -100.0%



# Comparison - Capital Expenditures



News Sports [Subscribe](#)

## The Bulletin

### South Killingly fire station set to get \$950,000 upgrade

By John Penney  
Posted May 27, 2018 at 6:24 PM  
Updated May 27, 2018 at 6:24 PM

[f](#) [t](#)



KILLINGLY — The South Killingly fire station is in line for some upgrade work as district officials plan to address structural, space and flooring issues at the 62-year-old building.

Fire district residents this month approved spending up to \$950,000 to refurbish fractured and stressed vehicle bay floors, repair a cracked roof-bearing wall and expand fire truck parking areas.

"This is a station built in 1956 by volunteers with donated materials," Fire District President Randy Burchard said. "It was built at a time when trucks were lighter, narrower and shorter — the floors can't take the stress of these new vehicles."

- Buildings don't last forever.
- How does an independent volunteer department upgrade/replace a 62 year old building?
- Where did they get the \$950,000 to cover the cost?
- It is not a line item in the Town Government Budget.
- It is not from Chicken BBQ's
- It is not from Boot Drives
  - Financial Plan to cover capital expenses
  - Allocate budgeted funds to an account to cover the eventual replacement.

# Comparison - Apparatus Purchase



- Apparatus doesn't last forever.
- How does an independent volunteer department upgrade/replace a 25 year old piece of apparatus?
- Where did they get the \$975,000 to cover the cost?
- It is not a line item in the Town Government Budget.
- It is not from Chicken BBQ's
- It is not from Boot Drives
  - Financial Plan to cover capital expenses
  - Allocate budgeted funds to an account to cover the eventual replacement.
- $\$975,000 / 30 \text{ yrs} = \$33,333.33$  yearly payment

[Home](#) >> [Danielson \(CT\) Examines Ways to Finance Fire Apparatus](#)

## Danielson (CT) Examines Ways to Finance Fire Apparatus

01/21/2016

The Danielson Borough Council is exploring the best way to pay for a new \$1 million [fire truck](#) for the Danielson [Fire Department](#).

It will spend the next month researching the issue ahead of a Feb. 17 public hearing on the expenditure, council member Lynn LaBerge said.

The department plans to buy the bucket/tower truck through South Dakota-based [Pierce Manufacturing](#), the same [company](#) that is building a new ladder truck for the Dayville Fire Company. And because the purchase of both trucks would fall within a certain window, both departments are eligible for cost discounts, LaBerge said, though no firm discount numbers were available.

The tower truck, if bought, would replace a 26-year-old model that department Chief Gerry Marcheterre said has reached the end of its useful life.

Marcheterre said there will likely have to be some minor reinforcement work made to the station floor before a new truck is moved in. He said this latest purchase would be the last the department needs for the foreseeable future, as two other fire vehicles are both less than 5 years old.

In December, Dayville Fire District residents approved using \$975,000 from a non-recurring truck fund to order a 107-foot ladder truck, which will also serve as a department [engine](#) vehicle.

Officials several years ago borrowed from the truck fund to build a new [training facility](#). Those funds have since been repaid, allowing the district to pay for the vehicle with cash, potentially saving tens of thousands in retail cost and interest. Officials said the existing ladder truck, a 25-year-old model, will be sold, likely to a community that can't afford to purchase a new truck.

For more information, view [www.norwichbulletin.com](http://www.norwichbulletin.com)



# Apparatus - Costs



## • Apparatus Cost

- Costs are very high
- Used unit prices are high
  - The life expectancy is lessened.
- Without a capital plan for replacement, it can't continue to happen.
- Imagine having to buy a new home every 20-30 years but your old home isn't worth anything in trade in and your yearly salary is only \$48,000 per year.
- To pay off a \$300,000 piece in 10 years, the payment per year is \$30,000 per year.

**BRINDLEE MOUNTAIN**  
FIRE APPARATUS, LLC

Office: 256.776.7786

Search Truck

HOME FIRE TRUCKS FOR SALE FIRE TRUCK FINDER SERVICE ABOUT US CONTACT

Return to search results

**2010 Pierce Velocity Rescue Pumper**



**\$305,000**

Yes, I'm Interested!

For Additional Information,  
Contact Brindlee Mountain at:  
Local: 256.776.7786

**BRINDLEE MOUNTAIN**  
FIRE APPARATUS, LLC

Office: 256.776.7786

Search Truck

HOME FIRE TRUCKS FOR SALE FIRE TRUCK FINDER SERVICE ABOUT US CONTACT

Return to search results

**2010 E-One International Rescue Pumper**



**\$190,000**

Yes, I'm Interested!

For Additional Information,  
Contact Brindlee Mountain at:  
Local: 256.776.7786

**2006 Pierce Contender 1250/1000 (E3734)**

Print Listing



Inventory #: E3734  
Price: \$139,000.00  
Status: Available

Distance Calculator

ZIP code  Get



# Thompson Budget 2019-2020



page 40

Fund - 001 - GENERAL BUDGET  
 Department - 2202 FIRE & RESCUE DEPARTMENTS

Town of Thompson  
 2019-2020  
 Budget Expenditures

Obj/Sub	Description	Actual 2016/17	Actual 2017/18	Budget FY 2018/19	Estimate FY19	2/14/2019 PAID YTD FY19	OPEN POs	FY2020 Dept Proposed	FY2020 Selectman Proposed	FY2020 BOF Proposed	% Increase (Decrease)
522190	911-SYSTEM	22,593	22,937	23,382	23,381	23,381		22,938	22,938		-444
522221	HYDRANTS	79,469	82,604	86,122	85,000	49,400	30,600	80,517	80,517		-5,605
522500	GRANTS SPECIAL FIRE & AMBULANCE	260,000	242,500	288,000	288,000	288,000		425,500	350,000		62,000
522505	IMMUNIZATIONS/PHYSICALS	0	0	750	500	100		750	750		0
522510	VOLUNTEER FIRE INSURANCE	76,615	79,877	85,000	80,000	75,785		84,000	84,000		-1,000
522515	COST OF MANDATED OSHA/DOT TESTS	9,598	18,427	20,000	18,000	4,816	9,362	20,000	20,000		0
522550	FIREFIGHTER REFUND	30,349	26,055	35,000	35,000	0		35,000	35,000		0
522551	SPECIAL SERVICES: SOFTWARE/OTHER CONSULTING	11,605	1,755	3,000	1,755	1,755		3,252	3,252		252
522552	PARAMEDIC AMBULANCE	15,282	14,845	17,500	15,500	8,075	9,425	19,000	19,000		1,500
	PROTECTIVE CLOTHING & EQUIPMENT	40,778		0				0	0		0
552xxx	BURNING OFFICER ANNUAL WAGE				0	0		500	500		500
552130	BURNING OFFICER MILEAGE	0	100	100	100	0		300	300		200
*Total for Object		546,289	489,099	558,854	547,236	451,312	49,388	691,757	616,257	0	57,403
*Total for Department		546,289	489,099	558,854	547,236	451,312	49,388	691,757	616,257	0	57,403
Budget Increase (Decrease)- \$								132,903	57,403	-558,854	
Budget Increase (Decrease)- %								23.8%	10.3%	-100.0%	

- 911 - Billed directly from QVEC for number of dispatches.
- Hydrants - Billed from CT Water.
- Paramedic - Regional paid for by each town.
- \$65/person/year with Ambulance Service
- \*Town Comparisons did not include Ambulance Service.



# How Many Firefighters Does It Take



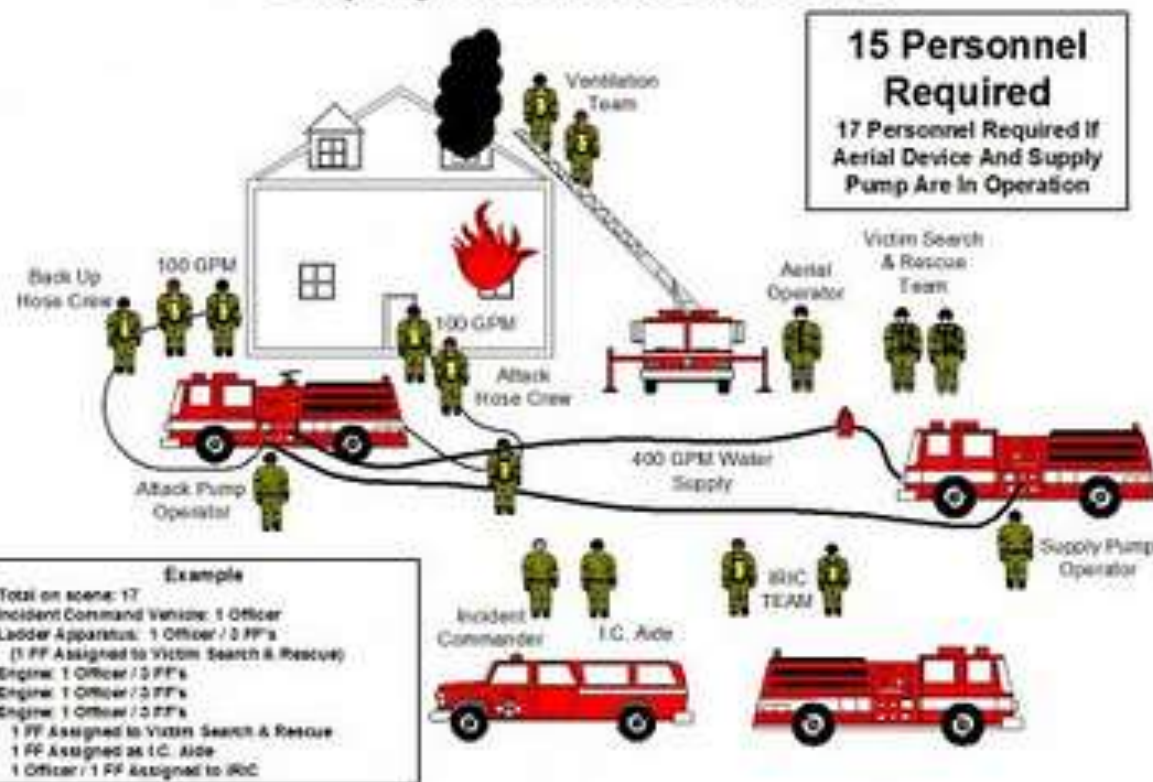
TASK	# PERSONNEL
Incident Commander	1
Attack <u>engine and water supply engine driver/operator</u>	1
Two handlines with two personnel each	4
Support/back-up firefighter for each handline	2
Search & rescue team	2
Ventilation team	2
Ladder company driver/operator	1
Rapid intervention team (RIT)	2
<b>TOTAL MINIMUM NUMBER OF PERSONNEL</b>	<b>15</b>

Personnel needs for a fire involving several rooms in a 2,000-square foot, one-family, residential occupancy. These are the proverbial “bread and butter” structural fire incidents that fire departments respond to, and are by far, the most common type of structure fire, accounting for around 70% of those types of incidents.

# How Many Firefighters Does It Take



## 5.2.3.2.2 Initial Full Alarm Assignment Capability Deployed Within 8 Minutes





# Why does Thompson have so many trucks



Photo by Greg Lynskey www.firenews.org



Photo by Greg Lynskey www.firenews.org

- Initial Fire Attack in Thompson is always initiated with “Tank Water”.
  - Tank Water is what is carried on the trucks upon arrival.
  - The majority of Thompson **IS NOT** near the fire hydrant system.
  - Engines carry 750 gallons of water
  - Engine Tanks carry 1000
  - Tankers carry 2500-3000 gallons of water
- Reference
  - 15’ x 30’ Oval Pool is about 11,400 gallons
  - 18’ Round Pool is about 7,600 gallons



# Why does Thompson have so many trucks



- Initial Fire Attack apparatus arrives at the scene.
- The 2<sup>nd</sup> piece generally ties into the first to have at least 2000 gallons of water for the initial attack.
  - The first two pieces are committed and cannot leave to get more water.
- A 3<sup>rd</sup> Engine Tank or Tanker will arrive.
- The 4<sup>th</sup> will then go to the “Water Hole” where it will set up drafting operations.
  - This could be a pond, river, swimming pool or hydrant.
  - The job of this crew is to fill trucks that will then go to the scene and fill the 3<sup>rd</sup> Piece or to a water drop site.
  - This piece is now committed to the Water Hole.



# Why does Thompson have so many trucks



- The 4<sup>th</sup> fills incoming trucks that will “Shuttle” water to the scene.
- Now the 5<sup>th</sup>, 6<sup>th</sup> and additional trucks in the “Water Shuttle” operation depending on how large the fire is and how much water is needed.
- Each truck drives to the scene, off loads its tank and then returns empty to the fill site where the cycle continues.



# Why does Thompson have so many trucks



- There is a unsubstantiated claim that the town does not need as many trucks because of the low numbers of volunteers that turn out.
- By nature, volunteer fire departments are less expensive to operate because salaries aren't paid.
- To enjoy that lower cost, volunteers don't draw a paycheck, they in turn are also not at the station waiting for a call to come in.

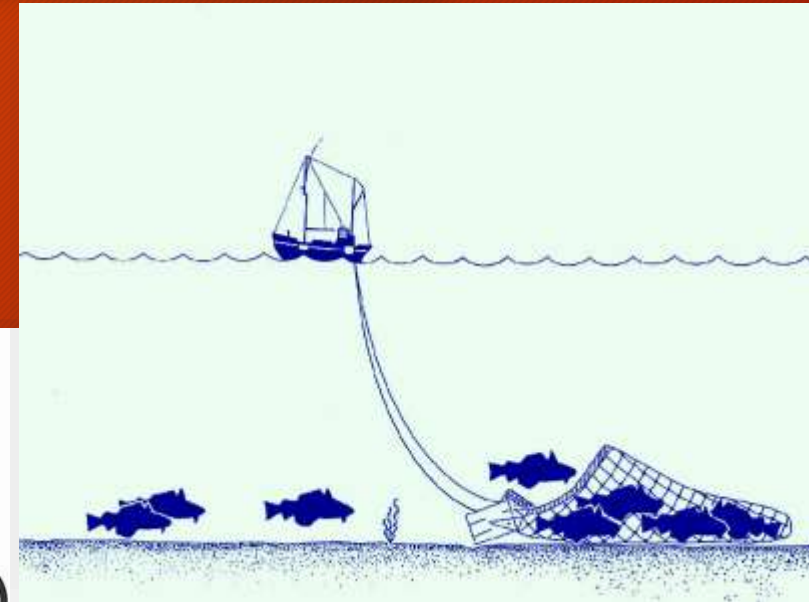
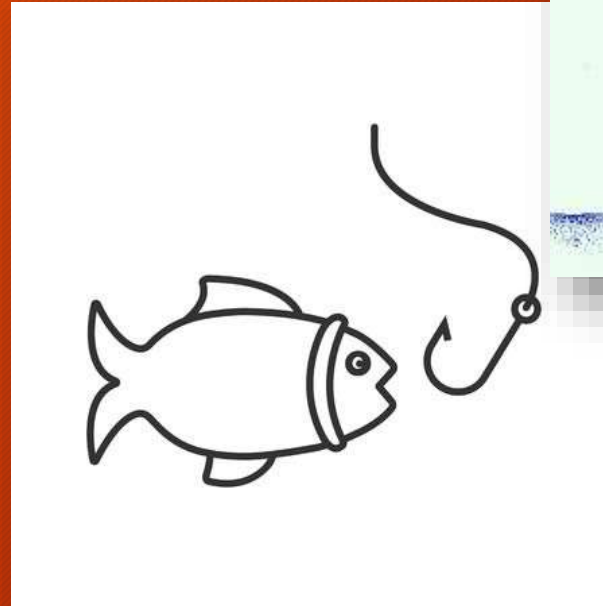




# Why does Thompson have so many trucks



- Upon initial incident response a net is cast to draw the necessary personnel and apparatus from around town.
- What is more efficient?
  - A single hook to catch fish?
  - Casting a net to catch fish?
  - Is it better to cast one hook and hope you catch something?
  - Is it better to cast a net and know you are going to catch something?
- It is the same with Volunteer Fire Departments
- They are all part of a townwide “insurance policy” or safety net to get what is needed to the incident as quickly and efficiently as possible.



# How Much Water Does It Take



- Fire Flow
  - 1000 sq ft Ranch - 28' x 36'
  - 1000 ft<sup>2</sup> divided by 3 = 333 gallons per minute.
- Typical Engine Tank in Thompson = 1000 gallons of water.
- 1 Engine Tank can sustain fire suppression for approximately 3 minutes.
- Typical Tanker in Thompson = 2500-3000 gallons.
- 1 Tanker can sustain Fire Suppression for 9 minutes.





# How Much Water Does It Take



- Fire Flow

- 2000 sq. ft. Colonial- 28' x 36'
- 2000 ft<sup>2</sup> divided by 3 = 666 gallons per minute.
- Typical Engine Tank in Thompson = 1000 gallons of water.
- 1 Engine Tank can sustain fire suppression for approximately 2 minutes.
- Typical Tanker in Thompson = 2500-3000 gallons.
- 1 Tanker can sustain Fire Suppression for 4 ½ minutes.

# What Does It Take



- 30+ Pieces + Manpower
- The Church still stands today.



Engines	Unit	Town	Tankers	Unit	Town
	1 D49	Dudley, Mass		17 T162	Killingly
	2 E175	Woodstock		18 T176	Woodstock
	3 E181	Thompson		19 T179	Putnam
	4 E182	Thompson		20 T181	Thompson
	5 Et285	Thompson		21 Webster Tanker	Webster, Mass
	6 E185	Thompson		22 West Glocester	Glocester, Ri
	7 Et179	Putnam		23 T285	Thompson
	8 Et181	Thompson	<b>Hose Tender</b>		
	9 Et183	Thompson		24 Ht175	Woodstock
	10 Et184	Thompson			
	11 Et276	Woodstock	<b>Aerial</b>		
	12 Et283	Thompson		25 L178	Putnam
	13 Et284	Thompson		26 DUDLEY Ladder 1	Dudley, Mass
	14 Et285	Thompson		27 Webster Tower 1	Webster, Mass
<b>Medical</b>			<b>Rescue</b>		
	15 A581	Thompson		28 R382	Thompson
	16 Qymedic1	Region		29 R481	Thompson
				30 R484	Thompson



# How Much Water Does It Take



- Fire Flow
  - 750,000 sq. ft. Mill Building
  - More than all the apparatus in Thompson combined can provide.



# River Mill Redevelopment Project

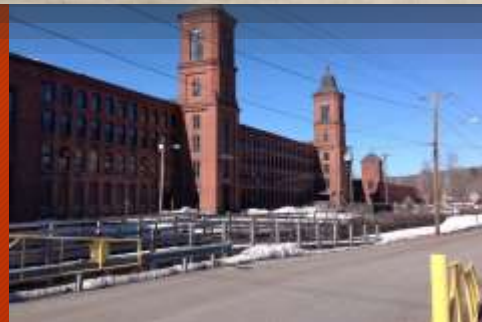


- Info

- Approximately 750,000 Sq. Ft.
- Four Floors
- 300 Apartments
- Retail Space
- Mixed Business
- Higher Expectations of service

- Fire Flow

- 750,000 sq. ft. Mill Building
- More than all the apparatus in Thompson combined can provide.





# Thompson Fire Departments



- Rumors

- “The departments in town don’t work with each other.”
  - **FALSE!** The five Fire Departments in town have probably never had a better relationship with each other.
  - Train together
  - Work Incidents together
  - Solve problems together
- “Thompson doesn’t need the apparatus we have due to not being able to get them out of the station.”
  - **FALSE!** The apparatus the departments both complement each other and are part of the “Safety Net” the town has with our volunteers.
  - The whole volunteer system relies on each department and their apparatus.
  - If one department is unavailable, another department can provide the same service.
  - If a piece of apparatus is down, the town can rely on having coverage.

Matthew Grauer FY2019, FD line item increased 6.9% from last year. The true cost is hard to decipher from town budget reports. For example, a new million dollar fire truck is not going to be listed there, it will be under capital expenses or something and vague line item “truck” for \$80K. Thompson is probably the shadiest, most crooked town in the area. However, my issue is not so much with the Fire Departments because our citizens volunteer and they should be properly equipped (not saying we should give them everything and ignore common sense cost savings measures) The MUCH





# Training



- Firefighter 1
  - Structural Interior Certified Firefighter
  - 170 Hours of intense physical and classroom training.
  - Minimum yearly training requirements in addition.
  - \$950.00
- EMT-B
  - Emergency Medical Technician - Basic
  - 160 hours of classroom and practical training.
  - Recertification required.
  - \$1000
- Many go beyond the minimum
  - Firefighter II
  - Fire Instructor
  - Fire Officer
  - Safety Officer
  - Pump Operator
  - Aerial Operator
- Remember, these classes are held after work and on weekends.





# Interdepartmental Training



- Live Burns
  - Working with other departments
    - Hoseline Advancement
    - Rescue
    - Search
    - Safety





# Interdepartmental Training



- Ice & Cold Water Rescue
  - Rescue Techniques
  - Cold Water Suits
  - Safety
- Aerial Operations
  - Placement
  - Operation
  - Capabilities
  - Safety





# Interdepartmental Training



- Vehicle Extrication
  - Hydraulic Cutters
  - Hydraulic Spreaders
  - Rescue Techniques
  - Handheld Tools
  - Stabilization
  - Safety
- Ropes & Pulleys
  - Mechanical Advantage
  - Knots
  - Carabiners
  - Harnesses
  - Safety





# Training



- Firefighter Survival
  - Entanglement
  - Wall Breaches
  - Rescue Techniques
  - Safety
- High Angle & Low Angle Rescue
  - Ropes & Knots
  - Pulley Systems
  - Rescue Techniques
  - Safety



# Training



- Firefighter Survival
  - Entanglement
  - Wall Breaches
  - Rescue Techniques
  - Safety





# Training



- Search & Rescue
  - Search Techniques & Teamwork
  - Rescue Techniques
  - Safety





# Training



- RIT - Rapid Intervention Team
- F.A.S.T. - Firefighter Assist & Search Team
  - Sole purpose to save Firefighters
  - 28 Hour Course
  - 8 Departments



# Call Volume



Fire -Structure, chimney, vehicle, etc.	139
Rescue & EMS -Medical, MVA, Search & Rescue, Water Rescue, etc.	1444
Hazardous Condition - Wires Down, Haz Mat, etc.	27
Service Calls - Water Emergencies, Lock-outs, Unauthorized Burning	123
False Alarms - Accidental Fire Alarms, System Malfunctions, CO Detector Malfunctions	122
Weather Related - Flooding, Wind Damage, Trees Down.	10
Special Incidents	91
Total Calls For Service	1956



# Church Fires



Historic Wakefield Church Destroyed in Fire

A Massachusetts community is dealing with a devastating loss after a fire destroyed their 150-year-old church. (Published Wednesday, Oct. 24, 2018)

## South Boston church destroyed in fire

St John the Baptist Church is expected to be torn down Thursday after a 5-alarm fire destroyed it Wednesday.



Updated 6:46 AM EDT Aug 22, 2013



## Parishioners of Warwick church destroyed by fire optimistic about future

By: Sarah Dolan | Steve Kleben



Published: Sun, 08, 2008 03:03 PM EST  
Updated: Sun, 08, 2008 07:44 PM EST



### Continuing Coverage

- ATF leads investigation into Warwick church fire as congregation rebuilds
- Warwick church community rebuilding after massive fire
- Flames erupt from Warwick church ahead of Thanksgiving

WARWICK, R.I. (WPRO) — The bell choir at Woodbury Union Church nearly came to an end last month after a fire tore through the building and destroyed almost everything inside the night before Thanksgiving.

But thanks to Warwick firefighters who responded to the scene, the bells were salvaged.

## 172-year-old church destroyed in fire

Updated 5:52 pm EST Monday, January 2, 2012



IMAGE 1 OF 5

A fire has destroyed the Roman Catholic United Church of Christ. The fire broke out at the Main St. church at 12:37 a.m. Firefighters received a call about smoke in the center of town. That smoke was... more

# Church Fires



## Fire Destroys Historic Church in Pomfret

By Jamie Ratliff

Published Dec 7, 2013 at 3:07 PM | Updated at 1:48 PM EST on Dec 8, 2013



### Pomfret Church Destroyed by Fire

Share



Play Gallery

1 of 12



- Church Fires are notoriously dangerous.
- Churches have a low probability of survival when hit with fire.
  - Church construction
  - Age
  - Lack of fire suppressing sprinklers
- Paid city departments have a difficult time saving them.



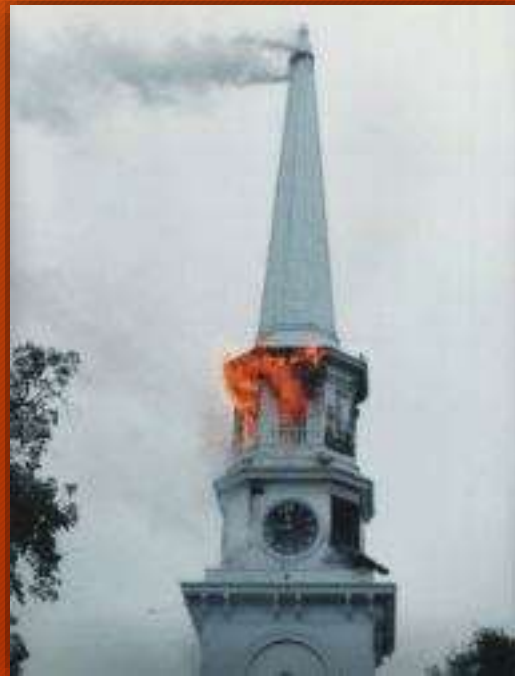
# Church Fires



- The Town of Thompson Fire Departments saved the Thompson Congregational Church Twice in its nearly 300 years.

\*Some reports say it was actually three times.

- September 7, 1987
- December 30, 2016



Sept 7, 1987



December 30, 2016

# Church Fires



## Centuries-Old Church Burns in Thompson

By VINNY VELLA | DEC 30, 2016 | 3:34 PM | THOMPSON



Vinny Vella/Hartford Courant

From state route 193, the steeple of the Thompson Congregational Church serves as a beacon for this tiny town, rising above the tree line, visible for miles before motorists reach the church's front door.



March 11, 2019

- What are some of the reasons this beautiful icon of Thompson is still with us?
  - Luck?
    - Always helps...
  - A dedicated, well trained, underfunded bunch of like-minded citizens that work well together under pressure.
  - A Mutual Aid system that is only as good as the people that are in it.
  - The same bunch of people that forget that they are underfunded and still make it happen...



# Incidents



- Incidents
  - Structure Fires





# Incidents



- Incidents

- Search & Rescue
- MVA
- Storm Damage
- Deer on the Ice





# Volunteer Firefighters



- NFPA estimates there were approximately 1,056,200 local firefighters in the US in 2017. Of the total number of firefighters 373,600 (35%) were career firefighters and 682,600 (65%) were volunteer firefighters.
- Most of the career firefighters (72%) worked in communities that protected 25,000 or more people. Most of the volunteer firefighters (95%) were in departments that protected fewer than 25,000 people.
- In 2017, 77,900, or 7%, of the firefighters were female. Of the career firefighters 13,400 (4%) were female firefighters. There were 64,500 volunteer firefighters who were female, 9% of the total number of volunteer firefighters.
- There are an estimated 29,819 fire departments in the U.S. Of these, 2,785 (9%) departments were all career, 2,316 (8%) were mostly career, 5,405 (18%) were mostly volunteer and 19,313 (65%) were all volunteer.
- Nationwide 39% of fire departments provided no emergency medical services, 46% provided basic life support (BLS) and 16% provided advanced life support (ALS).

<https://www.nfpa.org/News-and-Research/Data-research-and-tools/Emergency-Responders/US-fire-department-profile>



# Volunteer Firefighters



- Volunteerism has been on a steady decline across the nation.
  - There are many reasons why
    - People having multiple jobs
    - Family responsibilities
    - Employment outside of the community
    - Training requirements
    - Call volume
    - Fundraising requirements
  - As the number of volunteers decline, the burden on the ones that volunteer increase.
    - This causes what is commonly called “burnout”
  - The dangers and demands of the job
    - Psychological & physical impact of dealing with the incidents they respond to.





# Volunteer Firefighters



April 16, 2019

Last month, the National Fire Protection Association (NFPA) published its [2017 U.S. Fire Department Profile report](#). The report, which is based on data collected via a national survey of fire departments, estimated that there were 682,600 volunteer firefighters in the United States in 2017. That is down significantly from the 814,850 and 729,000 volunteer firefighters that the NFPA estimates were active in the U.S. in 2015 and 2016, respectively.

The volunteer firefighter numbers for 2016 and 2017 are the lowest recorded levels since the NFPA began the survey in 1983. There was no NFPA U.S. Fire Department Profile report released in 2016, and the 2017 report is the first time that the data for 2016 or 2017 has been made available.

## Number of Firefighters in the U.S., 1983, 1990, 2000, 2010, and 2015-2017

Year	Total	Career	Volunteer
1983*	1,111,200	226,600	884,600
1990	1,025,650	253,000	772,650
2000	1,064,150	286,800	777,350
2010	1,103,300	335,150	768,150
2015	1,149,300	345,600	814,850
2016	1,090,100	361,100	729,000
2017	1,056,200	373,600	682,600

*\*Note, this is the first year for which firefighter numbers are available from the NFPA.*

*Source: NFPA Survey of Fire Departments for U.S. Fire Experience*



## Volunteer Firefighter Facts

**94%**

How many Volunteer Firefighters serve communities with fewer than 25,000 residents.

**\$37.3 billion**

The amount Volunteer Firefighters save local communities per year in taxes.

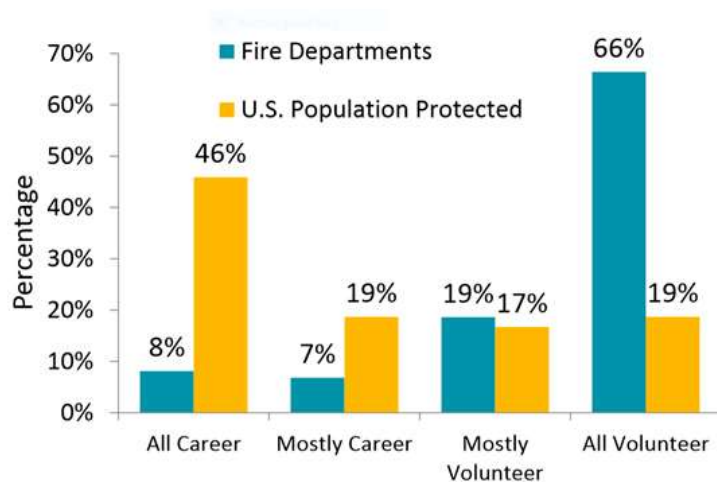
**5-10%**

The number of Volunteer Firefighters in the United States that have declined since 1983.

# Volunteer Firefighters



**U.S. Fire Departments by Type and Population**



## The United States Fire Service Fact Sheet

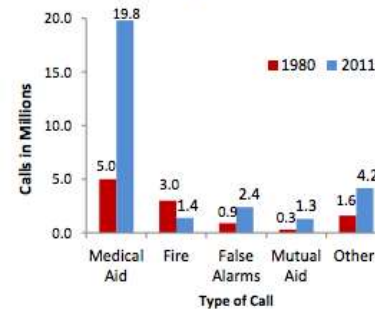
1,100,450 firefighters from 30,145 local fire departments protected the United States in 2011.

- 31% (335,050) are career firefighters.
- 69% (756,400) are volunteer firefighters.

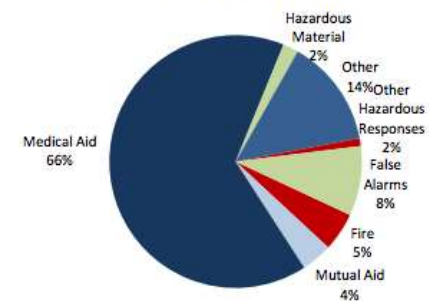
The fire service does more than fight fires.

- Two-thirds of fire department responses were medical aid calls in 2011.
- Only 5% of fire department calls in 2011 were due to actual fires.

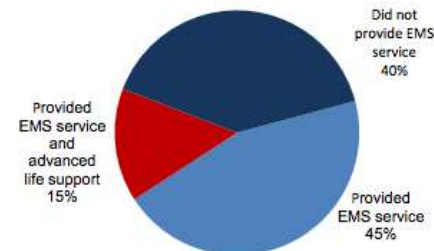
**Comparison of Fire Department Calls in 1980 and 2011**



**Fire Department Calls in 2011**



**Fire Department Provision of Emergency Medical Service 2009-2011 Annual Averages**





# Volunteer Firefighters

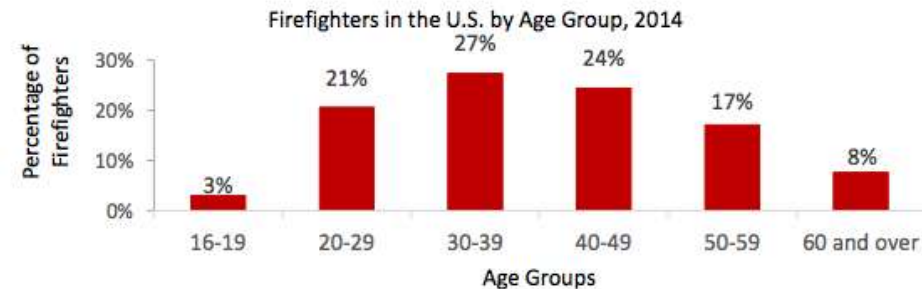
- Higher proportion of firefighters are in the 30-49 year old bracket
- In the coming years there will be a greater shortage as this generation ages and is unable to perform the duties of firefighting.



## THE U.S. FIRE DEPARTMENT PROFILE THROUGH 2014 FACT SHEET

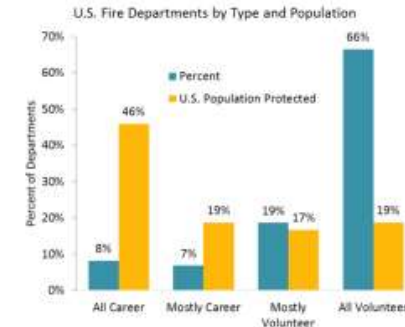
There are **1,134,400** local firefighters in the United States.

- **31%** (346,150) are career firefighters.
- **69%** (788,250) are volunteer firefighters.
- **Firefighters in smaller (less than 25,000 population) communities are more likely to be volunteers.**
- Departments protecting larger communities tend to have a higher proportion of firefighters in the age groups 30-39 and 40-49 than smaller communities.



**29,980** fire departments protected the United States in 2014.

- All Career 2,440
- Mostly career 2,045
- Mostly Volunteer 5,580
- All Volunteer 19,915



# Volunteer Firefighters



## Emergency Medical Responder (EMR) Summer Classes

The district is excited to offer EMR training classes once again this summer. A special thank you to Amber Axtell for offering to teach this important course. Please review the information below. There are still a few more open seats for the class. If a student is interested in registering, please contact Lisa Canny at TMHS or Laurie Bernier at TMS for an application. The remaining seats will be on a first come, first served basis.

### Description:

The Tourtellotte Memorial High School Medical Responder Program is an exciting 60-hour course offered to high school students. This course will cover topics such as A&P, medical/traumatic emergencies, prehospital treatment, and transport to the hospital. It will also prepare its participants to respond to an array of medical emergencies. EMR's are typically the first to respond to emergencies and are required to assess the sick and injured and administer lifesaving interventions wherever needed.

### Requirements:

- Students must be 14 years of age or older by the end of the course to become certified in Connecticut.
- Students must maintain a score of 75% or higher to take the final written and practical skills exam.
- Once written and practical exams are passed, the student will be scheduled for an EMR certification exam conducted at TMHS by a State of Connecticut proctor.
- Students must be in good health and be able to perform physically demanding tasks associated with the role of EMR.
- Students must maintain good attendance to complete 60 hours of required class time and training.
- TMHS students will receive half credit upon completion of EMR certification.

### Summer Session Classes Held:

Monday, June 24 <sup>th</sup>	Monday, July 15 <sup>th</sup>	Monday, August 12 <sup>th</sup>
Wednesday, June 26 <sup>th</sup>	Tuesday, July 16 <sup>th</sup>	Wednesday, August 14 <sup>th</sup>
Monday July 1 <sup>st</sup>	Monday, July 29 <sup>th</sup>	Monday, August 19 <sup>th</sup>
Wednesday, July 3 <sup>rd</sup>	Wednesday, July 31 <sup>st</sup>	Wednesday, August 21 <sup>st</sup> (test day)
Monday, July 8 <sup>th</sup>	Monday, August 5 <sup>th</sup>	
Wednesday, July 10 <sup>th</sup>	Wednesday, August 7 <sup>th</sup>	

*\* All classes will meet in the TMS Media Center*

- Tourtellotte Memorial High School will offer EMR classes for the 2<sup>nd</sup> year in a row.
- The inaugural 2018 class 7 students complete certification.
  - During Summer Break
  - June 2018 thru August 2018
  - 5 of those students are members of Thompson Fire Departments.
  - Additionally, EMR's under the age of 16 will be joining Thompson fire departments when they turn 16.
- Thank you to Superintendent Smith for her forward thinking!



# Thompson Volunteer Firefighters



- Thompson Volunteer Firefighters...
  - Don't just give up Saturday once a year and call themselves a "Volunteer".
  - Continually train
  - Fundraise to be able to continue volunteering.
  - Do the best they can with what they have, where they are, against whatever obstacle or situation.
  - Expect the unexpected.
  - Experience Life, Death, happiness and sadness in the name of service to their community.
  - Won't walk away or turn their back on the community they serve no matter what level of support they are shown and come back for more.
  - Are Professionals.

Thank you!



Thank you to all who support and help contribute to making the Town of Thompson a better place.

~Servire Paratum~