

Wilton Fire Department
FY 2023 STAFFING OVERVIEW

FEBRUARY 2022

Fire Department Staff

Staff of 30 comprised of:

- **24 Firefighting Personnel**
 - 16 Firefighters
 - 4 Captains
 - 4 Lieutenants

- **6 Administrative Personnel**
 - Chief
 - Deputy Chief
 - Fire Marshal
 - Deputy Fire Marshal
 - Administrative Assistant
 - Apparatus Supervisor

Fire House Staffing

6 firefighters 24/7/365 staffed as follows:

- **Headquarters:** 1 Captain or Acting Captain and 1 Firefighter
- **Station 2:** 1 Lieutenant or Acting Lieutenant and 1 Firefighter

A Firefighter's regular schedule is **one 24 hour on, followed by 72 hours off**. This 4 day period is referred to as a "shift"

A Firefighter regular pay is for an average of **42 regular hours per week or 2,184 regular hours per year**

At current manning levels a Firefighter averages **501 hours of overtime** per year (2017 analysis)

Fire Marshal & Deputy Fire Marshal

Considered Day Shift

“The regular work schedule shall consist of five (5) days per week, forty (40) hours a week.”

CBA Article 11 A.2. (page 8)

Incident Volume

Approximately 2000+ alarms/calls for service/incidents each year:

Examples

- Fire: (building, cooking, chimney, fuel-boilers/trash/vehicle/brush/machinery etc)
- Automatic Alarm:
- False Alarms
- Hazardous Conditions (combustible/flammable fuels/gas leaks/oil leaks/CO/power lines/accidents):
- Motor Vehicle Accident, including Extrication:
- Rescue: (vehicle/machinery/elevator/search/trench/water)
- Severe Weather (snow, wind, ice, flooding, lightening etc) :
- EMS:
- Service Calls: (person in distress/lock out/water issues/animal issues/unauthorized burnings/steam leaks

2% to 3% increase in calls per year (COVID did alter this figure):

Incident Types - Fires

Structure Fires:

- Low frequency, high consequence events
- Primary emphasis is life safety, then property protection
- 6 Firefighters initially attempt to do the work of 16 stipulated in the NFPA National Standards
- Initial decide whether to focus on fire suppression or rescue upon arrival

Fireground Duties:

- Incident Commander
- Search & rescue
- Pump operator
- Safety officer/RIT
- Fire attack & back up hose lines
- Water supply (tanker or hydrant operations)
- Ventilation

Apparatus Decision:

- Structure fire response is 2 engines, and either the ladder truck or water tanker
- **If necessary, rely on mutual aid or callbacks for other vehicle**

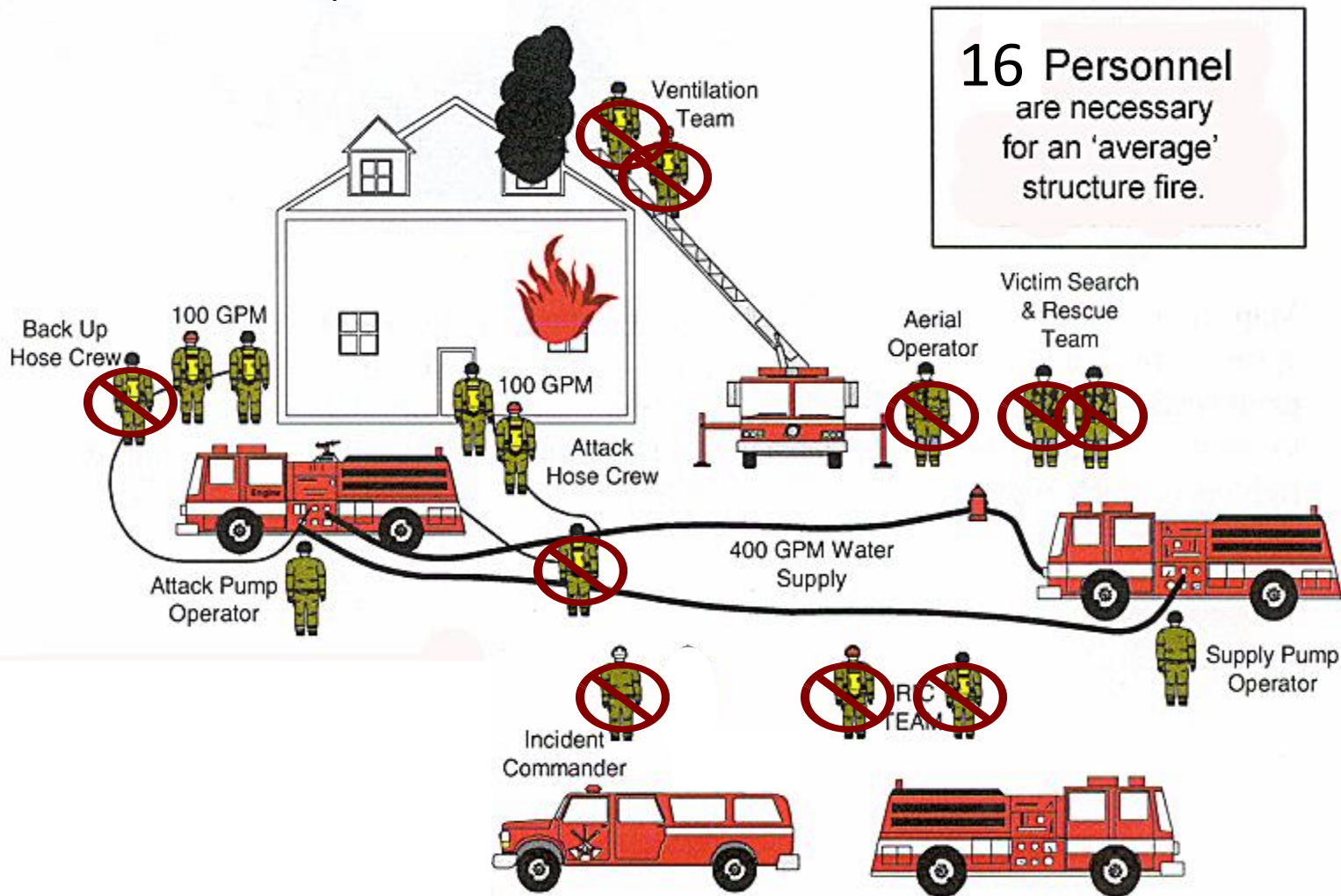
Mutual aid is critical for fire scene staffing and to protect the rest of Wilton

Personnel Required By Type of Incident (Non-EMS)

	<u>Personnel Required</u>	<u>Wilton Fire Dept</u>	<u>Mutual Aid</u>
Structure Fire – Residential	16 min	6	10
Structure Fire – Commercial	22 min	6	16
Automatic Fire Alarm	6	6	Station Coverage
Carbon Monoxide Incident-simple	4	4	0
Hazardous Materials Incident - Simple	6	6	Station Coverage
Hazardous Materials Incident - Complex	24	6	18
Motor Vehicle Fire	6	6	Station Coverage
Dumpster or Other Outdoor Fire	4-6	4-6	0
Motor Vehicle Accident – 1 or 2 Vehicles and No Extrication or Fire	4	4	0
Motor Vehicle Accident – More than 2 Vehicles and/or With Extrication and/or Fire	6	6	Station Coverage

NFPA STANDARD 1710

Wilton's Initial Alarm Response



To achieve the additional 10 personnel needed, mutual aid assistance from at least 3 communities is required. In addition, at least 1 other mutual aid partner is needed to protect the rest of Wilton unless or until Wilton Firefighters come back into work.

Response times

- Turnout Time (from when alarm finished dispatching)– NFPA 1710 benchmarks
 - • 60 sec EMS
 - • 80 sec Fire
- First Engine Arrive on Scene Time
 - • 240 sec (4 min)
- Initial Full Alarm (Low and Medium Hazard) Time
 - • 480 sec (8 min)
- Initial Full Alarm – High Hazard/ High-Rise Time
 - • 610 sec (10 min 10 sec)

Response By Type of Emergency Medical Service Call

	<u>Police Dept.</u>	<u>Fire Dept.</u>	<u>WVAC</u>	<u>Paramedic</u>
Basic Life Support – Low Priority (back pain) – South Wilton	Yes	No***	Transport	No
Basic Life Support – Low Priority (back pain) – North Wilton	Yes	Yes	Transport	No
Advanced Life Support (stroke)	Yes	Yes	Transport	Yes
Advanced Life Support (cardiac or CPR)	Yes	Yes	Transport	Yes

Notes

1. Police officers may or may not become involved in patient care, depending on the situation
2. All EMS calls are triaged using nationally recognized algorithm to determine which agencies should respond and whether they respond in emergency mode or not
3. Because of Station 2's location, the FD responds to substantially all EMS calls in North Wilton

Motor Vehicle Accidents

Fire Department functions at a motor vehicle accident include:

- **EMS/Patient care** and treatment
- **Occupant extrication** including use of hydraulic spreaders and cutters
- **Environmental** containment
- **Fire suppression**

3 or more vehicle accident requires:

- 6 Firefighters and 3 pieces of apparatus.
- Mutual aid for fire house coverage
- Above can also be required for 2 vehicle accidents

Training Requirements

Department wide training during past 12 months: approximately **6,300 hours** or 261 hours per firefighter:

- **Initial** Connecticut Fire Academy **training and in house orientation:**
3½ months
- **On duty, daily training: 2 hours** or more, depending on the subject (4,380 plus total hours)
- **Recertification:**
- **Refresher** training
- **Weekly EMS** training: **3 hours**
- **Haz-Mat** training:
- **Other mandatory training by state statute – (harassment, autism awareness, persons with developmental disabilities – as examples**

Training Requirements, continued

OSHA requires officers receive higher levels of training than those they supervise

Promotional processes include advanced training and professional development requirements

County Haz-Mat training is generally conducted outside of Town.

Other Routine Activities

Daily protective equipment and operations related **equipment checks and routine maintenance**

Apparatus **testing and readiness**

Cleaning all areas of stations and offices

Public education (including reading programs with Library)

Station tours

Safety checks of radios, evacuation tones, mayday procedures, etc.

Life safety **inspections**

Building preplanning

Fire investigation

Permit processing

Summary

Fire coverage is provided daily by **24 Firefighters** compensated for an average of **2,685 hours**:

- **1,774 hours** of **regular** hours on shift
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Training and equipment/apparatus readiness are a significant component of the **typical workday**