

Goffstown Fire Department



Cost of Doing Business

The following pages give a detailed example of the amount of Fire Department resources utilized on several types of incidents, and the costs for those resources.

THE COST OF DOING BUSINESS



**MOTOR VEHICLE COLLISION
(VEHICLE RESCUE)**



MOTOR VEHICLE COLLISION (VEHICLE RESCUE)

Apparatus:

- 1 Engine (≥ 6 personnel) \$575,000/engine
- 1 Squad Unit (≥ 1 personnel) \$400,000/squad
- ≥ 1 Ambulance (≥ 2 personnel) \$210,000/ambulance

Breakdown of Specific Equipment	
"Jaws-of-Life" (Hurst Tool)	\$5,000
Hurst Hydraulic Rams	\$4,800
Hurst Hydraulic Pump & Hose	\$8,000
Sawzalls	\$300
Tool Kit	\$150
Haligan Tool	\$170
Rescue Rated Chains	\$500
Rescue Jacks	\$3,500
Cribbing	\$1,500
1 3/4" Hoseline (200' minimum)	\$640
Hoseline Nozzle	\$850
Traffic Control Equipment	\$450
Personnel Protective Equipment	\$2,800/person
Self Contained Breathing Apparatus (SCBA)	\$5,000/person
Patient Treatment / Emergency Medical Supplies	\$35,000
Total Specific Equipment Used:	\$82,060

COST OF SPECIFIC EQUIPMENT USED AT MOST VEHICLE RESCUE INCIDENTS:

> \$82,060*

*Value represents specific costs only; personnel and apparatus costs are not included.

THE COST OF DOING BUSINESS



VEHICLE FIRE



VEHICLE FIRE

Apparatus:

- 1 Engine (≥ 6 personnel) \$575,000/engine
- 1 Pumper/Tanker (≥ 3 personnel) \$600,000/pumper-tanker

Breakdown of Specific Equipment

Tool Kit	\$150
Halgan Tool	\$170
Cribbing	\$1,500
1 3/4" Hoseline (200' minimum)	\$640
Hoseline Nozzle	\$850
Traffic Control Equipment	\$450
Personnel Protective Equipment	\$2,800/person
Self Contained Breathing Apparatus (SCBA)	\$5,000/person
Class B Foam (5 gallons)	\$100
Total Specific Equipment Used:	\$35,060

COST OF SPECIFIC EQUIPMENT USED AT MOST VEHICLE FIRE INCIDENTS:

> 35,060*

*Value represents specific costs only; personnel and apparatus costs are not included.

THE COST OF DOING BUSINESS



CARDIAC ARREST



CARDIAC ARREST

Apparatus:

- 1 Engine (≥ 3 personnel) \$575,000/engine
- 1 Ambulance (≥ 2 personnel) \$210,000/ambulance

Breakdown of Specific Equipment	
LIFEPAK 15 (Defibrillator / Monitor)	\$35,000
Bag-Valve Mask	\$25
CPR Device (Lucas 2)	\$15,000
Suction Device	\$900
Oxygen Supplies / Regulator	\$300
EMS Equipment Bag	\$450
Airway Kit	\$950
Medication Box	\$800
Misc. Treatment / Emergency Medical Supplies	\$10,000
Total Specific Equipment Used:	\$63,425

COST OF SPECIFIC EQUIPMENT USED AT MOST CARDIAC ARREST INCIDENTS:

> 63,425*

*Value represents specific costs only; personnel and apparatus costs are not included.

THE COST OF DOING BUSINESS



STRUCTURE FIRE



STRUCTURE FIRE

Apparatus:

- 3 Engines (≥ 12 personnel) \$575,000/engine
- 1 Pumper/Tanker (≥ 4 personnel) \$600,000/pumper-tanker
- 1 Tower / Ladder (≥ 4 personnel) \$1,100,000/unit
- 1 Squad (≥ 2 personnel) \$400,000 / squad
- 1 Ambulance (≥ 2 personnel) \$210,000/ambulance
- 1 Command Vehicle (≥ 1 person) \$80,000/unit

Breakdown of Specific Equipment	
4" Supply Hose (1,000' minimum)	\$8,000
2-1 3/4" Hoseline (250' minimum)	\$1,440
Hoseline Nozzles	\$1,600
Blitzfire apparatus & 3" hose (200' minimum)	\$3,500
Adaptors / Coupling Hardware	\$1,500
Haligan Tools, Pike Poles, Thermal Imager, Air Monitor	\$11,500
Ventilation Saws	\$5,000
Exhaust Fan, Cords	\$2,500
Ladders	\$3,500
Port-a-Tank, Suction Hose, Supply Hose	\$9,000
Class A Foam	\$400
Traffic Control Equipment	\$450
Personnel Protective Equipment	\$2,800/person
Self Contained Breathing Apparatus (SCBA)	\$5,000/person
Total Specific Equipment Used:	\$181,190

COST OF SPECIFIC EQUIPMENT USED AT MOST STRUCTURE FIRE INCIDENTS:

> \$181,190*

*Value represents specific costs only; personnel and apparatus costs are not included.

THE COST OF DOING BUSINESS



APPARATUS & PERSONNEL



APPARATUS & PERSONNEL

APPARATUS

ENGINE: fire suppression apparatus	\$575,000
PUMPER / TANKER: fire suppression / water supply apparatus	\$600,000
TOWER / LADDER: search / rescue / ventilation	\$1,100,000
SQUAD: water supply / rescue / rehab	\$400,000
AMBULANCE: patient care & transport vehicle	\$210,000
BRUSH / ATTACK VEHICLE: urban/wildland interface	\$125,000
COMMAND VEHICLE: command/control of incidents	\$80,000

PERSONNEL

Personal Protective Equipment (per person)	\$2,800
Self-Contained Breathing Apparatus (per person)	\$5,000
Uniforms (all personnel / year)	\$13,700
Basic Training (per Call member)	\$1,000
Average Training (per Call member)	\$1,000
Required Continuing Education (per person / year)	\$500

TRAINING

Firefighter I	212 hours
Firefighter II	116 hours
Firefighter III (Rope/Tech. Rescue, Ice Rescue)	152 hours
Fire Officer I+II	120 hours
Driver Operator – Pumping Apparatus	40 hours
Driver Operator – Aerial Apparatus	24 hours
Hazardous Materials Technician	80 hours
Emergency Medical Technician-Basic	140 hours
Emergency Medical Technician-Intermediate	110 hours
Paramedic	1,200 hours