



2020

Annual Report





**CANANDAIGUA CITY FIRE DEPT.
CANANDAIGUA, NY**

QUOTE DATES:
APRIL 2019 IN RESPECTIVE MONTHS
L-ONE CYCLING PER CLASS
APRIL PLATFORM

THE DRAWING IS FOR INFORMATION PURPOSES. ALL DIMENSIONS ARE SUBJECT TO MANUFACTURING PROCEDURES.
DIMENSIONS ARE APPROXIMATE AND SUBJECT TO CHANGE WITHOUT NOTICE.
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1500 GPM ROLL OVER PUMP 500 GALLON WATER TANK	HOSE LEAD % OF 1 1/2" ID
LI-RE1 29'6"	285'
LI-RE2 37'6"	620'
LI 37'6"	320'
LI-1 37'6"	260'
LI-2 37'6"	260'
LI-3 37'6"	260'
LI-4 37'6"	260'
LI-5 37'6"	260'
LI-6 37'6"	260'
LI-7 37'6"	260'
LI-8 37'6"	260'
LI-9 37'6"	260'
LI-10 37'6"	260'
LI-11 37'6"	260'
LI-12 37'6"	260'
LI-13 37'6"	260'
LI-14 37'6"	260'
LI-15 37'6"	260'
LI-16 37'6"	260'
LI-17 37'6"	260'
LI-18 37'6"	260'
LI-19 37'6"	260'
LI-20 37'6"	260'

TYPE	LAZERS	LAZERS	WAVELENGTH	QTY.
A	30	2-3000	940-10	2
B	30	2-3000	1000-6	1
C	30	2-3000	940-10	1
D	30	2-3000	940-10	1
E	14	2-3000	940-10	1
F	14	2-3000	940-10	1
G	14	2-3000	940-10	1
H	14	2-3000	940-10	1
I	14	2-3000	940-10	1
J	14	2-3000	940-10	1





City of Canandaigua Fire Department



FIRE DEPARTMENT 2020 ANNUAL REPORT



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INTRODUCTION

The City of Canandaigua Fire Department is dedicated to providing quality, timely and professional fire and emergency services to those who live in, work in, and visit the City and Town of Canandaigua as well as the surrounding communities. We have provided this exceptional service for over 200 years and will continue to do so for many years to come.

I have the honor of leading an amazing group of dedicated experienced firefighters whose focus is to provide superior service. We will continue to work hard to achieve the highest levels of preparedness, prevention, quality customer service and community involvement through continuous improvement and training.

We offer professional and efficient fire suppression, emergency medical services, rescue services, emergency preparedness, fire prevention and public education. Firefighters protect our community 24 hours a day, 7 days a week, 365 days a year. Our Department operates with career personnel on duty in our two fire stations to rapidly deploy apparatus to fires and other emergencies, while additional volunteer and career personnel respond directly to the incident scene.

As we evolve, our community grows and matures, our mission to protect life and property from fires, accidents, medical emergencies and environmental threats has also transformed to one that is not merely limited to “traditional” fire services but to encompass all threats and hazards to public safety.

Please contact me if you have any additional questions or have suggestions to improve our services to you.

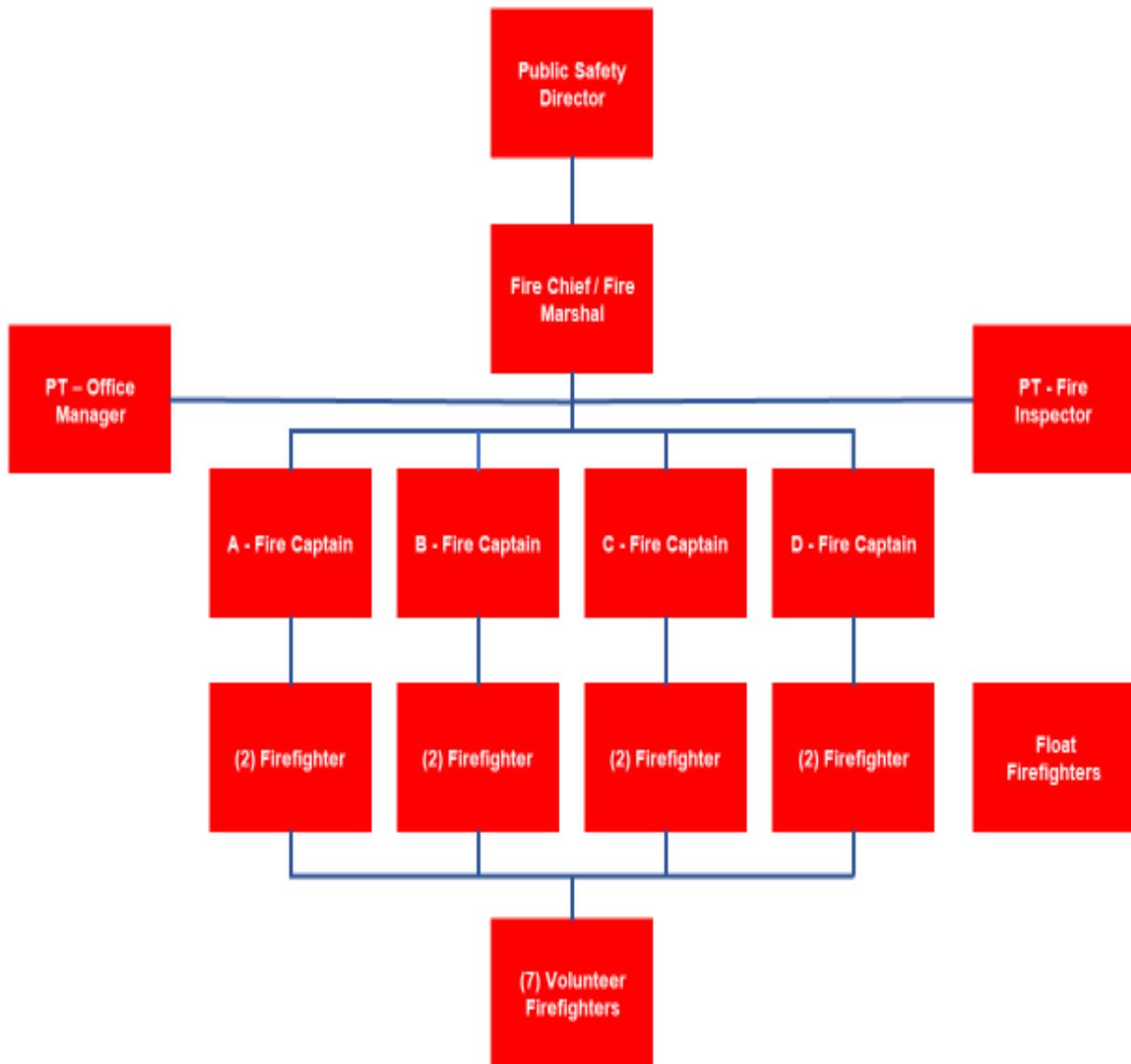
In Service,

Frank A. Magnera

Frank Magnera, MS, CFPS
Fire Chief & Fire Marshal



2021 FIRE DEPARTMENT STRUCTURE





FIRE DEPARTMENT 2020 ANNUAL REPORT



2021 DEPARTMENT ROSTER

CAREER

1. FRANK MAGNERA – FIRE CHIEF / EMT
2. DON PHILLIPS – CAPTAIN / EMT
3. SAM LOIACONO - CAPTAIN
4. JAY BOOCK – CAPTAIN / EMT
5. CORY MASSETH – CAPTAIN / EMT
6. RON BEMENT – FF/EMT
7. BEN CRAMER – FF/EMT
8. MATT BEMENT – FF/EMT
9. TAYLOR NORTHRUP – FF/EMT
10. ADAM FAVILLE – FF/EMT
11. KEVIN FREDERES - FF/ EMT
12. ROBERT YOUNGER - FF/EMT
13. DAN FULLER - FF / EMT
14. RYAN FOSTER- FF / EMT
15. *TBD*

VOLUNTEER

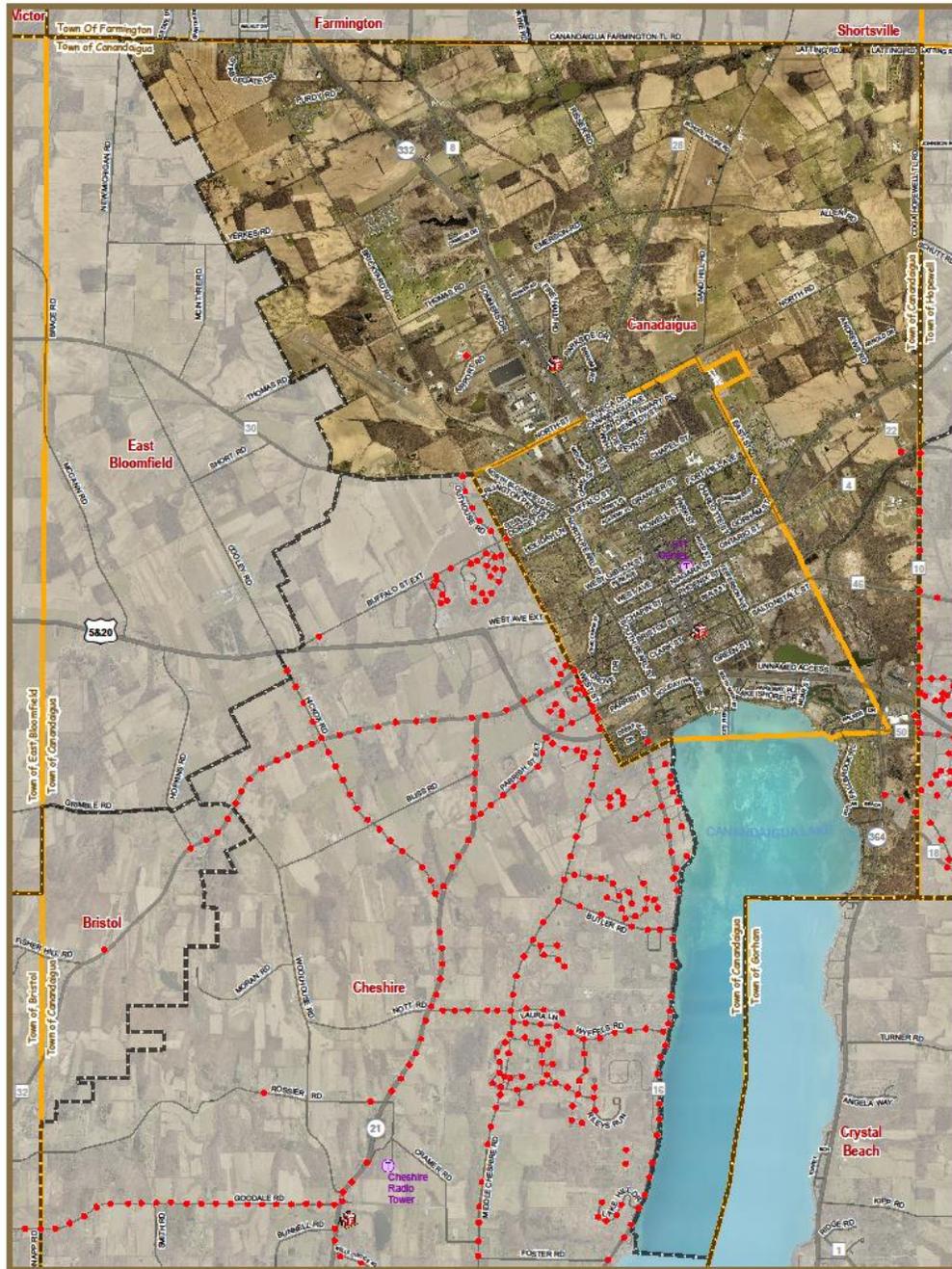
1. JAMES BANCROFT - INTERIOR
2. DAN SPEERS - INTERIOR
3. RICH BARTELL – INTERIOR
4. RYAN ZANGHI - EXTERIOR
5. DUDLEY PURBECK - EXTERIOR
6. MAX MAHONEY - EXTERIOR
7. CHRIS NORRIS - EXTERIOR

PART-TIME

1. DEBRA YACUZZO – OFFICE MANAGER
2. JAY BOOCK – CAPTAIN / FIRE INSPECTOR



FIRE DEPARTMENT 2020 ANNUAL REPORT



Canandaigua Fire Response Area

- Fire Station
- Fire Hydrant
- Fire Districts
- Municipal Boundary
- County Boundaries

N
S
0.5 Mile

Prepared by the
Ontario County
GIS Program
Canandaigua, New York
2016

IMPORTANT NOTICE AND DISCLAIMER:
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DATA SOURCES:
Ontario County
NYS GIS Program



FIRE DEPARTMENT 2020 ANNUAL REPORT



ANNUAL REPORT SUMMARY

On behalf of the dedicated, well-trained, and professional career and volunteer members of the City of Canandaigua Fire Department, it is my pleasure to present our 2020 Annual Report for your review.

2020 was an interesting and unique year to say the least. The City of Canandaigua Fire Department responded to **1713** calls for service which includes **339** in the Town of Canandaigua contracted response area. The theme of this year's Annual Report is that total incident numbers are up slightly (3%) from 2019 and continue a 10-year upward trend.

Comparing our statistics to those nationally, Canandaigua (City & Town) continues to be a relatively fire safe community. There was an 21% increase in **total fire incidents** (69 in 2019 and 84 in 2020), but, the overall majority were confined cooking fires, cooking related fires with minimal property loss as well as outdoor rubbish fires.

There was an 8% increase from 2019 in **Emergency Medical Services** and **Rescue** related incidents which includes **Motor Vehicle Accidents**. Other common incidents CFD responded to were natural gas emergencies, carbon monoxide emergencies, and public service calls. **Automatic fire alarm** activations are down slightly again from the previous year. It is good to note, the overwhelming majority of the time, automatic alarms are not considered nuisance activations. The majority of these occurrences were either a real fire or smoke events and the fire alarm system worked as designed.

Simultaneous incidents remain steady in the district. In 2020, 23% of all incidents were simultaneous or overlapping, meaning, one or more incidents occurred during the same time. Simultaneous incidents can cause peak demand on the entire public safety system and stretch resources thin. These occurrences remain constant from the previous year and were up 4% from 2018.

This report, unfortunately, would not be complete without providing an overview of the Coronavirus (COVID-19) operational impacts throughout the year. This nationwide outbreak had a significant impact on all of our personnel. In March of 2020, the World Health Organization (WHO) declared the virus a global pandemic and Governor Andrew Cuomo declared a State of Emergency in New York State.

To combat the Virus, numerous changes were implemented to our department operational procedures which helped minimize the exposure to our personnel. Personal protective equipment (PPE) was reassessed and acquired to ensure the safety of our personnel and any response to the virus. Refresher training was provided to promote proper safety procedures for donning and doffing of PPE as well as how to respond to emergencies with this added protection. To minimize any interruption of service, an MOU was created with the Fishers Fire District to help cover manpower in each fire district should members become ill and an outbreak occur. Finally, decontamination procedures were reviewed and implemented in order to maintain a healthy and safe work environment in the apparatus and stations. To date, we



FIRE DEPARTMENT 2020 ANNUAL REPORT



successfully kept the virus out of the Fire Stations and our members remain healthy as well as fully vaccinated.

I would be remiss if I did not include a big thank you to our Firefighters as well as our counterpart first responders, police and EMS, for their selfless actions and commitment during the COVID 19 Pandemic. First responders who on the front lines are increasingly vulnerable to contracting the virus.

The Fire Department is still undergoing changes and evolving. In 2018, the City and Town of Canandaigua collaborated to complete an analysis of the fire services, service delivery and fire staffing models for both communities. The analysis was completed by the Center of Public Safety Management (CPSM). CPSM issued a final report in July 2018 which included 26 recommendations for consideration. The Fire Department rapidly addressed these recommendations and put forth a course of action to implement them. The full report can be found on the City of Canandaigua webpage. The Fire Department is happy to announce that it has implemented all of the recommendations that were in their control except for the regionalization of the fire services. Adding career manpower to the Department roster is also currently being addressed. In 2020, CFD added one additional firefighter / EMT to the roster. In February, Dan Fuller transferred from the City of Salamanca Fire Department. After 16 additional weeks of intensive field training, he was given regular shift assignments and rotated into the schedule.

In April of 2020, Municipal Training Officer (MTO) and Firefighter, Bryan Kransler retired with more than 45 years of service to the community. Bryan Kransler has served the City of Canandaigua since 1975 beginning his career as a Volunteer Firefighter with the Erina Hose Company. On July 7th 1985, Bryan was hired as a Part-time Firefighter and then hired Full-time, on February 1st, 1987 and celebrated his retirement on April 29, 2020. His mentoring, training and vast experience has proven to be an enormous benefit to fellow firefighters in several ways, all of which have contributed to Canandaigua being one of the most highly skilled Fire Departments in the State.

Firefighter Ben Cramer assumed MTO Firefighter position and now oversees the Fire Training Program. As well as his duties as the EMS Coordinator, Ben is tasked with providing, coordinating and ensuring members fulfill the annual training requirements and cadet training program.

In 2020, we reviewed and updated the Departments Mutual Aid Box Alarm System or MABAS. MABAS provides emergency rapid response and sustained operations when a jurisdiction or region is stricken by an overwhelming event generated by manmade, technological, or environmental threats. Calls for mutual aid usually are the results of incident escalations as determined by the incident commander. The responses required from other Fire Departments are predefined, so a 911 dispatcher can call the appropriate resources as determined by the "run card" for such an incident. This plan outlines all appropriate alarm levels, box areas and is reviewed yearly and updated as needed.



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Canandaigua Fire Department remains a leader in the delivery of high-quality emergency services. Services that include, fire suppression, basic life support first response (BLSFR), rescue services such as entanglement extrication, rope, ice/cold water rescue, open water rescue, aircraft rescue and firefighting (ARFF), confined space rescue, hazardous materials, and many other technical disciplines.

Training continues as one of our top priorities. We strive to be one of the most comprehensive, well trained departments in the State of New York. Many of our members can be found training or researching almost daily on topics such as but not limited to fire suppression, EMS, hazardous materials, specialized technical rescue, and or fire dynamics.

We continually evaluate all aspects of emergency preparedness to assure our community is properly capable to handle a vast range of potential threats and hazards. We assist businesses and organizations in reviewing their emergency preparedness plans and critique their actual "live fire drills" when requested. Additionally, our members offer portable fire extinguisher training to local businesses, at special events and to civic groups.

Our skilled Fire Prevention team continues to provide fire safety education to area schools, civic groups and the community. Ultimately, our fire prevention messages have impacted hundreds of children and adults around the area. Typically, throughout the year, CFD conducts numerous fire station tours and attends numerous community events. In 2020, the Fire Prevention Team got creative and provided fire prevention in the schools virtually via YouTube and Social Media. The team with the support of a professional Director / Cinematographer, Parker Bement, created a movie short using puppets to promote fire safety. Community Risk Reduction is a top priority and we continue to think of new ways to offer fire prevention education and risk reduction to the community.

Our part-time Fire Inspector, continues to conduct fire and property maintenance inspections as well as educate businesses in regard to code compliancy and risk reduction. Last year, the Inspection Office completed, 202 Assembly Occupancy Inspections, 107 Commercial Fire Inspections, 30 Hazard Inspections, 25 Construction Inspections, 10 COVID Health / GYM Inspections, and 113 operating permits were issued. These numbers are lower this year due to the suspension of Inspection Program during the COVID-19 Pandemic. Our Office Manager has built a new database and billing system to help streamline our fire inspection record keeping and assist with program management. Yearly, our skilled Fire Investigators conduct and lead all fire investigations to determine origin and cause of fires. CFD also conducts numerous plan and plat code reviews for building construction throughout the year.

The Fire Department continues to add the highest quality apparatus and equipment to our fleet. We are currently replacing outdated equipment and seeking new technology as well as equipment to better serve the community. Capital improvement projects and building upgrades continue in Fire Station # 1. In 2020, all administration offices were renovated and new furniture was purchased. In addition, more Technical Rescue equipment was purchased, including HAZMAT meters, ropes and rigging equipment, and PPE.



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In reference to the annual report's cover photo, Tower ladder 281, one of the most important and versatile apparatus we have in the fleet, has reached its end of service life and will be replaced in 2021/2022. A committee was formed, headed by Captain Cory Masseth to design, research and vet manufacturers. In December, the truck committee selected E-ONE / REV Group to build a new 100' custom Tower Ladder. Delivery is expected sometime in early 2022.

With the support of the Citizens, Mayor, Town Supervisor, City Council, Town Board, City Manager and Town Manager and their respective staff, as well as the other City/Town departments and supporting governmental agencies, we will continue to be a model organization that prides itself on being proactive, efficient, and effective in our delivery of services.



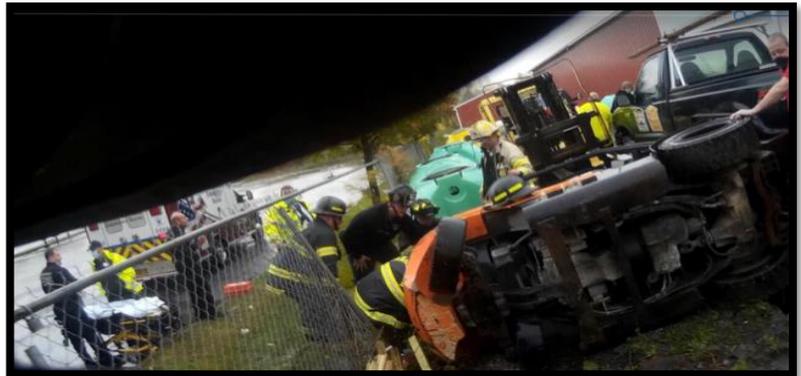
2020 NOTABLE INCIDENTS

On March 31st, Canandaigua Firefighters were called to assist the Canandaigua Emergency Squad with removing an injured construction worker from the second floor of a building under construction on **Happiness House Boulevard**. Since the construction was still in the framing phase, no stairs or elevator were installed as of yet. Firefighters used our 104' Tower Ladder truck, some ropes and rigging to quickly remove the patient. Crews lowered the patient safely to the ground and into the awaiting ambulance.



On October 21st the City of Canandaigua Fire Department responded to **2567 State Route 332** for a person trapped under an overturned forklift. The person was quickly freed by firefighters.

PHOTO COURTESY OF L2098 HELMET CAM



On October 17th, at 02:47 AM, the City of Canandaigua Fire Department responded to **276 North Pearl Street** for a structure fire. An extensive fire in a wall above a fireplace was quickly extinguished. The fire loss was minimal.

PHOTO COURTESY OF L2098





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On December 8th, around 3 PM, a four-vehicle motor vehicle accident including a tractor trailer occurred at **Airport Road and State Route 332**. The driver of one vehicle died at the scene and multiple victims had to be extricated by firefighters.



On December 11th, at approximately 11:45 AM, Canandaigua Fire was dispatched to **4450 Emerson Road** in the Town for the report of a Tractor on fire next to a barn. Fire Crews arrived on scene quickly and discovered a tractor on fire next to a large ~50'X150' pole barn that was full of hay and equipment. The fire had extended inside the pole barn igniting a few large hale bales and the structure. The tractor fire was knocked down quickly and with the help from the farm owner using another tractor to remove hay stacks inside the barn, the remaining fire was quickly extinguished.



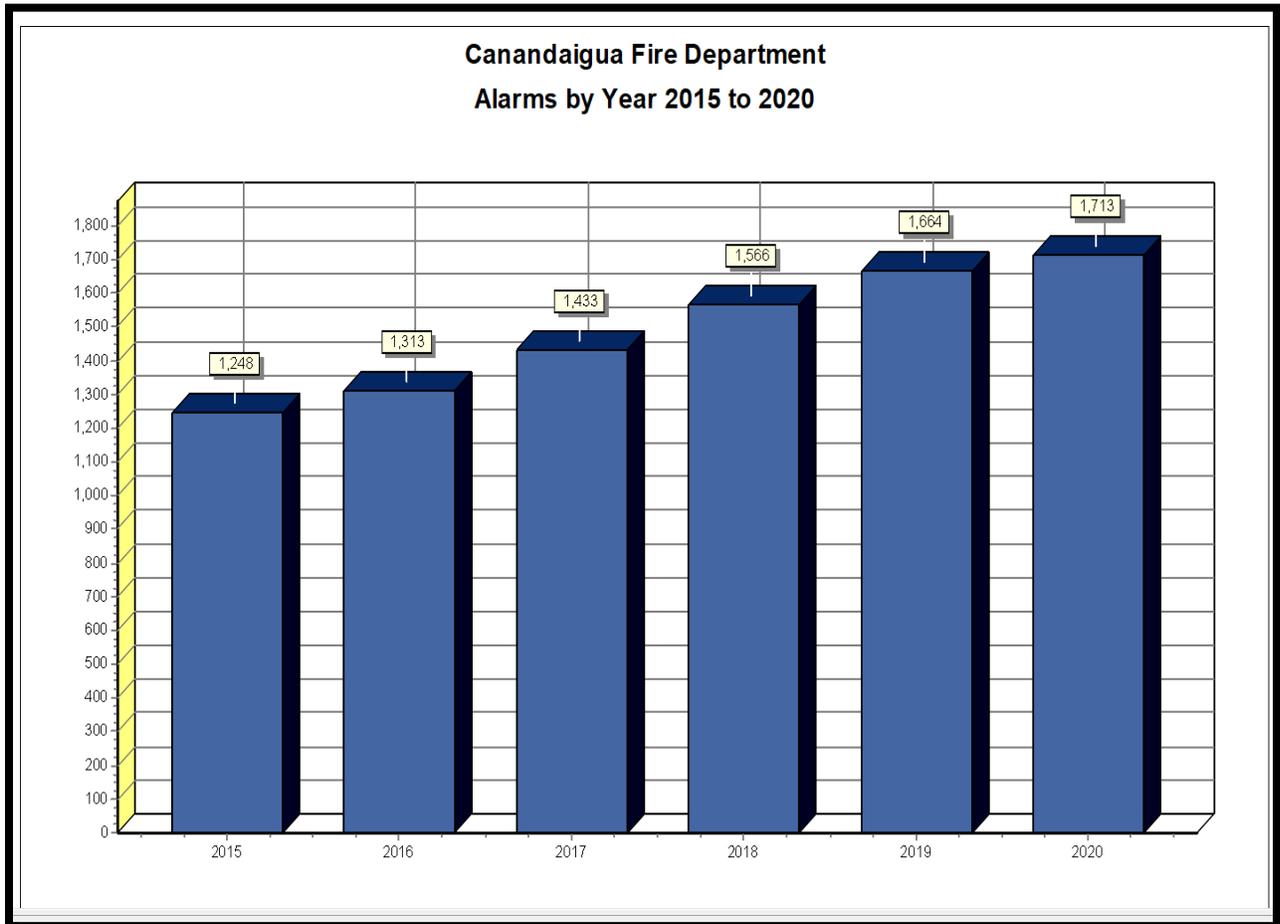
PHOTO COURTESY OF CFD



FIRE DEPARTMENT 2020 ANNUAL REPORT



FIVE YEAR INCIDENT TOTALS (2015–2020) CITY & TOWN OF CANANDAIGUA

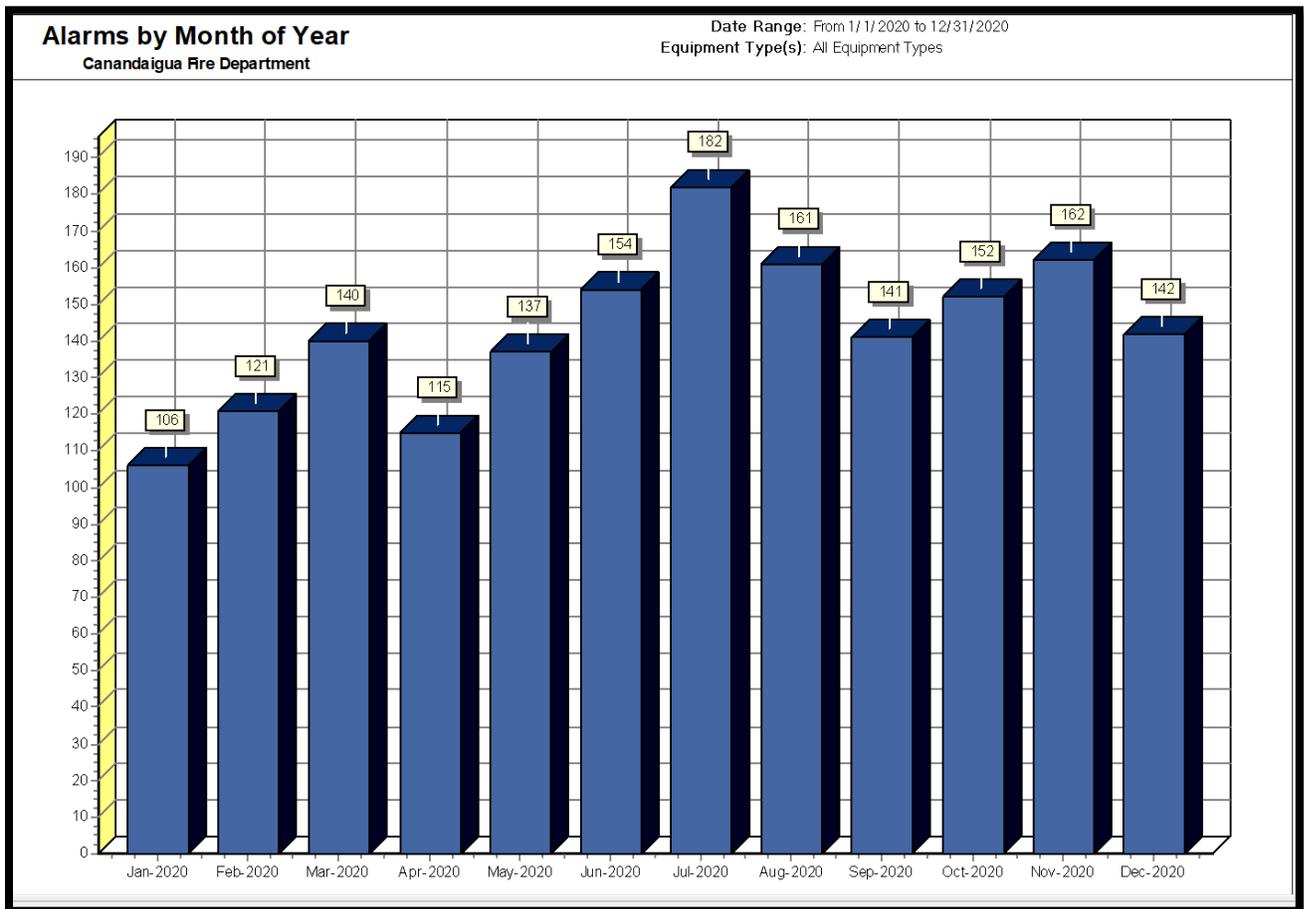




FIRE DEPARTMENT 2020 ANNUAL REPORT



2020 INCIDENT RESPONSE STATISTICS BY MONTH CITY & TOWN OF CANANDAIGUA





FIRE DEPARTMENT 2020 ANNUAL REPORT



Incident Type Report (Summary) Canandaigua Fire Department

Date Range: From 1/1/2020 to 12/31/2020

Company: All Companies

Equipment Type(s): All Equipment Types

Incident Type	Count	Pct of Incidents	Total Est Loss	Total Est Loss
1 Fire				
100 Fire, other	1	0.06%	\$0	0.00%
111 Building fire	17	0.99%	\$56,022	29.00%
113 Cooking fire, confined to container	30	1.75%	\$90	0.05%
116 Fuel burner/boiler malfunction, fire confined	1	0.06%	\$0	0.00%
118 Trash or rubbish fire, contained	1	0.06%	\$0	0.00%
130 Mobile property (vehicle) fire, other	2	0.12%	\$50,000	25.89%
131 Passenger vehicle fire	4	0.23%	\$0	0.00%
134 Water vehicle fire	1	0.06%	\$1,800	0.93%
136 Self-propelled motor home or recreational vehicle	1	0.06%	\$77,500	40.12%
140 Natural vegetation fire, other	4	0.23%	\$0	0.00%
141 Forest, woods or wildland fire	1	0.06%	\$0	0.00%
142 Brush or brush-and-grass mixture fire	7	0.41%	\$0	0.00%
143 Grass fire	1	0.06%	\$0	0.00%
150 Outside rubbish fire, other	7	0.41%	\$0	0.00%
151 Outside rubbish, trash or waste fire	4	0.23%	\$0	0.00%
153 Construction or demolition landfill fire	1	0.06%	\$0	0.00%
154 Dumpster or other outside trash receptacle fire	3	0.18%	\$7,750	4.01%
160 Special outside fire, other	3	0.18%	\$0	0.00%
Totals	89	5.20%	\$193,162	100.00%
2 Overpressure Rupture, Explosion, Overheat(no fire)				
200 Overpressure rupture, explosion, overheat other	1	0.06%	\$0	0.00%
251 Excessive heat, scorch burns with no ignition	2	0.12%	\$0	0.00%
Totals	3	0.18%	\$0	0.00%
3 Rescue & Emergency Medical Service Incident				
300 Rescue, EMS incident, other	16	0.93%	\$0	0.00%
311 Medical assist, assist EMS crew	119	6.95%	\$0	0.00%
320 Emergency medical service incident, other	10	0.58%	\$0	0.00%
321 EMS call, excluding vehicle accident with injury	707	41.27%	\$0	0.00%
322 Motor vehicle accident with injuries	31	1.81%	\$0	0.00%
323 Motor vehicle/pedestrian accident (MV Ped)	5	0.29%	\$0	0.00%
324 Motor vehicle accident with no injuries.	12	0.70%	\$0	0.00%
331 Lock-in (if lock out , use 511)	8	0.47%	\$0	0.00%
350 Extrication, rescue, other	2	0.12%	\$0	0.00%
351 Extrication of victim(s) from building/structure	4	0.23%	\$0	0.00%
352 Extrication of victim(s) from vehicle	7	0.41%	\$0	0.00%
353 Removal of victim(s) from stalled elevator	7	0.41%	\$0	0.00%
356 High-angle rescue	4	0.23%	\$0	0.00%
360 Water & ice-related rescue, other	1	0.06%	\$0	0.00%
361 Swimming/recreational water areas rescue	2	0.12%	\$0	0.00%
363 Swift water rescue	1	0.06%	\$0	0.00%
365 Watercraft rescue	1	0.06%	\$0	0.00%
381 Rescue or EMS standby	67	3.91%	\$0	0.00%
Totals	1,004	58.61%	\$0	0.00%
4 Hazardous Condition (No Fire)				
400 Hazardous condition, other	13	0.76%	\$0	0.00%
410 Combustible/flammable gas/liquid condition, other	1	0.06%	\$0	0.00%
411 Gasoline or other flammable liquid spill	5	0.29%	\$0	0.00%
412 Gas leak (natural gas or LPG)	34	1.98%	\$0	0.00%
413 Oil or other combustible liquid spill	6	0.35%	\$0	0.00%

Date: 2/16/2021

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FIRE DEPARTMENT 2020 ANNUAL REPORT



Incident Type Report (Summary) Canandaigua Fire Department

Date Range: From 1/1/2020 to 12/31/2020

Company: All Companies

Equipment Type(s): All Equipment Types

Incident Type	Count	Pct of Incidents	Total Est Loss	Total Est Loss
420 Toxic condition, other	1	0.06%	\$0	0.00%
421 Chemical hazard (no spill or leak)	2	0.12%	\$0	0.00%
424 Carbon monoxide incident	10	0.58%	\$0	0.00%
440 Electrical wiring/equipment problem, other	17	0.99%	\$0	0.00%
441 Heat from short circuit (wiring), defective/worn	1	0.06%	\$0	0.00%
442 Overheated motor	4	0.23%	\$0	0.00%
443 Breakdown of light ballast	1	0.06%	\$0	0.00%
444 Power line down	24	1.40%	\$0	0.00%
445 Arcing, shorted electrical equipment	5	0.29%	\$0	0.00%
460 Accident, potential accident, other	6	0.35%	\$0	0.00%
461 Building or structure weakened or collapsed	1	0.06%	\$0	0.00%
463 Vehicle accident, general cleanup	29	1.69%	\$0	0.00%
480 Attempted burning, illegal action, other	1	0.06%	\$0	0.00%
Totals	161	9.40%	\$0	0.00%
5 Service Call				
500 Service Call, other	8	0.47%	\$0	0.00%
510 Person in distress, other	7	0.41%	\$0	0.00%
511 Lock-out	1	0.06%	\$0	0.00%
520 Water problem, other	7	0.41%	\$0	0.00%
522 Water or steam leak	10	0.58%	\$0	0.00%
531 Smoke or odor removal	6	0.35%	\$0	0.00%
540 Animal problem, other	1	0.06%	\$0	0.00%
542 Animal rescue	5	0.29%	\$0	0.00%
550 Public service assistance, other	6	0.35%	\$0	0.00%
551 Assist police or other governmental agency	20	1.17%	\$0	0.00%
552 Police matter	3	0.18%	\$0	0.00%
553 Public service	52	3.04%	\$0	0.00%
554 Assist invalid	1	0.06%	\$0	0.00%
561 Unauthorized burning	15	0.88%	\$0	0.00%
571 Cover assignment, standby, moveup	16	0.93%	\$0	0.00%
Totals	158	9.22%	\$0	0.00%
6 Good Intent Call				
600 Good intent call, other	10	0.58%	\$0	0.00%
611 Dispatched & canceled en route	27	1.58%	\$0	0.00%
621 Wrong location	3	0.18%	\$0	0.00%
622 No incident found on arrival at dispatch address	20	1.17%	\$0	0.00%
631 Authorized controlled burning	12	0.70%	\$0	0.00%
650 Steam, other gas mistaken for smoke, other	2	0.12%	\$0	0.00%
651 Smoke scare, odor of smoke	5	0.29%	\$0	0.00%
652 Steam, vapor, fog or dust thought to be smoke	1	0.06%	\$0	0.00%
661 EMS call, party transported by non-fire agency	2	0.12%	\$0	0.00%
671 HazMat release investigation w/no HazMat	8	0.47%	\$0	0.00%
672 Biological hazard investigation, none found	1	0.06%	\$0	0.00%
Totals	91	5.31%	\$0	0.00%
7 False Alarm & False Call				
700 False alarm or false call, other	6	0.35%	\$0	0.00%
710 Malicious, mischievous false call, other	1	0.06%	\$0	0.00%
714 Central station, malicious false alarm	5	0.29%	\$0	0.00%
721 Bomb scare - no bomb	1	0.06%	\$0	0.00%
730 System malfunction, other	15	0.88%	\$0	0.00%

Date: 2/16/2021

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FIRE DEPARTMENT 2020 ANNUAL REPORT



Incident Type Report (Summary) Canandaigua Fire Department

Date Range: From 1/1/2020 to 12/31/2020

Company: All Companies

Equipment Type(s): All Equipment Types

Incident Type	Count	Pct of Incidents	Total Est Loss	Total Est Loss
731 Sprinkler activation due to malfunction	4	0.23%	\$0	0.00%
733 Smoke detector activation due to malfunction	25	1.46%	\$0	0.00%
735 Alarm system sounded due to malfunction	6	0.35%	\$0	0.00%
736 CO detector activation due to malfunction	12	0.70%	\$0	0.00%
740 Unintentional transmission of alarm, other	11	0.64%	\$0	0.00%
741 Sprinkler activation, no fire - unintentional	5	0.29%	\$0	0.00%
743 Smoke detector activation, no fire - unintentional	50	2.92%	\$0	0.00%
744 Detector activation, no fire - unintentional	10	0.58%	\$0	0.00%
745 Alarm system activation, no fire - unintentional	37	2.16%	\$0	0.00%
746 Carbon monoxide detector activation, no CO	6	0.35%	\$0	0.00%
Totals	194	11.33%	\$0	0.00%
8 Severe Weather & Natural Disaster				
800 Severe weather or natural disaster, other	1	0.06%	\$0	0.00%
813 Wind storm, tornado/hurricane assessment	8	0.47%	\$0	0.00%
Totals	9	0.53%	\$0	0.00%
9 Special Incident Type				
900 Special type of incident, other	4	0.23%	\$0	0.00%
Totals	4	0.23%	\$0	0.00%
Totals	1,713		\$193,162	



FIRE DEPARTMENT 2020 ANNUAL REPORT



TOWN OF CANANDAIGUA RESPONSES

Incident Type Report (Summary) Canandaigua Fire Department

Date Range: From 1/1/2020 to 12/31/2020

Company: 212

Equipment Type(s): All Equipment Types

Incident Type	Count	Pct of Incidents	Total Est Loss	Total Est Loss
1 Fire				
111 Building fire	3	0.88%	\$10,000	65.19%
113 Cooking fire, confined to container	5	1.47%	\$90	0.59%
116 Fuel burner/boiler malfunction, fire confined	1	0.29%	\$0	0.00%
140 Natural vegetation fire, other	2	0.59%	\$0	0.00%
142 Brush or brush-and-grass mixture fire	4	1.18%	\$0	0.00%
150 Outside rubbish fire, other	1	0.29%	\$0	0.00%
154 Dumpster or other outside trash receptacle fire	2	0.59%	\$5,250	34.22%
Totals	18	5.31%	\$15,340	100.00%
2 Overpressure Rupture, Explosion, Overheat(no fire)				
Totals	0	0.00%	\$0	0.00%
3 Rescue & Emergency Medical Service Incident				
300 Rescue, EMS incident, other	1	0.29%	\$0	0.00%
311 Medical assist, assist EMS crew	13	3.83%	\$0	0.00%
320 Emergency medical service incident, other	1	0.29%	\$0	0.00%
321 EMS call, excluding vehicle accident with injury	168	49.56%	\$0	0.00%
322 Motor vehicle accident with injuries	14	4.13%	\$0	0.00%
323 Motor vehicle/pedestrian accident (MV Ped)	1	0.29%	\$0	0.00%
324 Motor vehicle accident with no injuries.	3	0.88%	\$0	0.00%
331 Lock-in (if lock out , use 511)	2	0.59%	\$0	0.00%
352 Extrication of victim(s) from vehicle	4	1.18%	\$0	0.00%
361 Swimming/recreational water areas rescue	1	0.29%	\$0	0.00%
381 Rescue or EMS standby	6	1.77%	\$0	0.00%
Totals	214	63.13%	\$0	0.00%
4 Hazardous Condition (No Fire)				
400 Hazardous condition, other	1	0.29%	\$0	0.00%
411 Gasoline or other flammable liquid spill	1	0.29%	\$0	0.00%
412 Gas leak (natural gas or LPG)	6	1.77%	\$0	0.00%
424 Carbon monoxide incident	4	1.18%	\$0	0.00%
440 Electrical wiring/equipment problem, other	3	0.88%	\$0	0.00%
444 Power line down	4	1.18%	\$0	0.00%
445 Arcing, shorted electrical equipment	1	0.29%	\$0	0.00%
460 Accident, potential accident, other	1	0.29%	\$0	0.00%
463 Vehicle accident, general cleanup	5	1.47%	\$0	0.00%
Totals	26	7.67%	\$0	0.00%
5 Service Call				
500 Service Call, other	1	0.29%	\$0	0.00%
520 Water problem, other	2	0.59%	\$0	0.00%
522 Water or steam leak	3	0.88%	\$0	0.00%
542 Animal rescue	2	0.59%	\$0	0.00%
550 Public service assistance, other	2	0.59%	\$0	0.00%
551 Assist police or other governmental agency	1	0.29%	\$0	0.00%
553 Public service	5	1.47%	\$0	0.00%
561 Unauthorized burning	1	0.29%	\$0	0.00%
571 Cover assignment, standby, moveup	1	0.29%	\$0	0.00%
Totals	18	5.31%	\$0	0.00%
6 Good Intent Call				



FIRE DEPARTMENT 2020 ANNUAL REPORT



Incident Type Report (Summary) Canandaigua Fire Department

Date Range: From 1/1/2020 to 12/31/2020

Company: 212

Equipment Type(s): All Equipment Types

Incident Type	Count	Pct of Incidents	Total Est Loss	Total Est Loss
600 Good intent call, other	1	0.29%	\$0	0.00%
611 Dispatched & canceled en route	8	2.36%	\$0	0.00%
621 Wrong location	2	0.59%	\$0	0.00%
622 No incident found on arrival at dispatch address	6	1.77%	\$0	0.00%
631 Authorized controlled burning	3	0.88%	\$0	0.00%
651 Smoke scare, odor of smoke	1	0.29%	\$0	0.00%
671 HazMat release investigation w/no HazMat	1	0.29%	\$0	0.00%
672 Biological hazard investigation, none found	1	0.29%	\$0	0.00%
Totals	23	6.78%	\$0	0.00%
7 False Alarm & False Call				
700 False alarm or false call, other	3	0.88%	\$0	0.00%
733 Smoke detector activation due to malfunction	7	2.06%	\$0	0.00%
735 Alarm system sounded due to malfunction	2	0.59%	\$0	0.00%
736 CO detector activation due to malfunction	1	0.29%	\$0	0.00%
740 Unintentional transmission of alarm, other	2	0.59%	\$0	0.00%
741 Sprinkler activation, no fire - unintentional	3	0.88%	\$0	0.00%
743 Smoke detector activation, no fire - unintentional	5	1.47%	\$0	0.00%
744 Detector activation, no fire - unintentional	2	0.59%	\$0	0.00%
745 Alarm system activation, no fire - unintentional	8	2.36%	\$0	0.00%
Totals	33	9.73%	\$0	0.00%
8 Severe Weather & Natural Disaster				
813 Wind storm, tornado/hurricane assessment	4	1.18%	\$0	0.00%
Totals	4	1.18%	\$0	0.00%
9 Special Incident Type				
900 Special type of incident, other	3	0.88%	\$0	0.00%
Totals	3	0.88%	\$0	0.00%
Totals	339		\$15,340	



FIRE DEPARTMENT 2020 ANNUAL REPORT



MANPOWER ANALYSIS

Manpower Analysis by Incident Canandaigua Fire Department

Date Range: From 1/1/2020 to 12/31/2020
Company: All Companies
Equipment Type(s): All Equipment Types

Incident Type	Incident Count	Number Attended	Average Attended	Total Length (hrs)	Average Length (hrs)	Average Man Hours	Total Man Hours
100-Fire, other	1	2	2.00	0.68	0.68	1.36	1.36
111-Building fire	17	115	6.76	22.56	1.33	9.87	167.85
113-Cooking fire, confined to container	30	132	4.40	18.77	0.63	2.81	84.28
116-Fuel burner/boiler malfunction, fire confined	1	9	9.00	0.92	0.92	8.28	8.28
118-Trash or rubbish fire, contained	1	10	10.00	1.03	1.03	10.30	10.30
130-Mobile property (vehicle) fire, other	2	18	9.00	4.02	2.01	21.57	43.14
131-Passenger vehicle fire	4	19	4.75	4.69	1.17	5.91	23.64
134-Water vehicle fire	1	5	5.00	0.88	0.88	4.40	4.40
136-Self-propelled motor home or recreational vehicle	1	7	7.00	2.33	2.33	16.31	16.31
140-Natural vegetation fire, other	4	21	5.25	3.48	0.87	4.50	17.99
141-Forest, woods or wildland fire	1	5	5.00	1.83	1.83	9.15	9.15
142-Brush or brush-and-grass mixture fire	7	37	5.29	7.36	1.05	6.86	48.05
143-Grass fire	1	2	2.00	0.28	0.28	0.56	0.56
150-Outside rubbish fire, other	7	24	3.43	2.55	0.36	1.32	9.22
151-Outside rubbish, trash or waste fire	4	14	3.50	1.87	0.47	1.95	7.80
153-Construction or demolition landfill fire	1	8	8.00	2.00	2.00	16.00	16.00
154-Dumpster or other outside trash receptacle fire	3	20	6.67	3.81	1.27	8.27	24.80
160-Special outside fire, other	3	15	5.00	1.22	0.41	2.14	6.43
200-Overpressure rupture, explosion, overheat other	1	4	4.00	0.73	0.73	2.92	2.92
251-Excessive heat, scorch burns with no ignition	2	6	3.00	0.90	0.45	1.12	2.24
300-Rescue, EMS incident, other	16	48	3.00	4.85	0.30	0.94	15.04
311-Medical assist, assist EMS crew	119	352	2.96	51.14	0.43	1.29	153.06
320-Emergency medical service incident, other	10	27	2.70	3.77	0.38	1.00	9.98
321-EMS call, excluding vehicle accident with injury	707	2,131	3.01	387.29	0.55	1.71	1,211.52
322-Motor vehicle accident with injuries	31	179	5.77	33.17	1.07	7.00	216.96
323-Motor vehicle/pedestrian accident (MV Ped)	5	20	4.00	3.49	0.70	2.64	13.22
324-Motor vehicle accident with no injuries.	12	54	4.50	8.31	0.69	3.38	40.54
331-Lock-in (if lock out , use 511)	8	23	2.88	5.84	0.73	2.10	16.77
350-Extrication, rescue, other	2	7	3.50	0.39	0.20	0.67	1.34
351-Extrication of victim(s) from building/structure	4	14	3.50	2.17	0.54	1.93	7.72
352-Extrication of victim(s) from vehicle	7	53	7.57	13.03	1.86	13.74	96.20
353-Removal of victim(s) from stalled elevator	7	37	5.29	6.11	0.87	5.31	37.18
356-High-angle rescue	4	12	3.00	11.39	2.85	8.14	32.57
360-Water & ice-related rescue, other	1	7	7.00	0.85	0.85	5.95	5.95
361-Swimming/recreational water areas rescue	2	6	3.00	2.35	1.18	3.53	7.05
363-Swift water rescue	1	4	4.00	1.02	1.02	4.08	4.08
365-Watercraft rescue	1	4	4.00	0.85	0.85	3.40	3.40
381-Rescue or EMS standby	67	216	3.22	116.03	1.73	6.16	412.84

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FIRE DEPARTMENT 2020 ANNUAL REPORT



Incident Type	Incident Count	Number Attended	Average Attended	Total Length (hrs)	Average Length (hrs)	Average Man Hours	Total Man Hours
400-Hazardous condition, other	13	53	4.08	7.28	0.56	2.26	29.35
410-Combustible/flammable gas/liquid condition, other	1	3	3.00	1.18	1.18	3.54	3.54
411-Gasoline or other flammable liquid spill	5	16	3.20	3.43	0.69	2.33	11.66
412-Gas leak (natural gas or LPG)	34	117	3.44	31.67	0.93	3.10	105.37
413-Oil or other combustible liquid spill	6	20	3.33	3.92	0.65	2.32	13.94
420-Toxic condition, other	1	3	3.00	0.88	0.88	2.64	2.64
421-Chemical hazard (no spill or leak)	2	6	3.00	2.23	1.11	3.35	6.69
424-Carbon monoxide incident	10	38	3.80	7.35	0.74	2.64	26.40
440-Electrical wiring/equipment problem, other	17	65	3.82	9.31	0.55	2.62	44.54
441-Heat from short circuit (wiring), defective/worn	1	2	2.00	0.47	0.47	0.94	0.94
442-Overheated motor	4	30	7.50	4.81	1.20	10.01	40.05
443-Breakdown of light ballast	1	3	3.00	0.57	0.57	1.71	1.71
444-Power line down	24	78	3.25	11.30	0.47	1.59	38.07
445-Arcing, shorted electrical equipment	5	16	3.20	2.61	0.52	1.98	9.92
460-Accident, potential accident, other	6	24	4.00	1.88	0.31	1.09	6.51
461-Building or structure weakened or collapsed	1	9	9.00	1.90	1.90	17.10	17.10
463-Vehicle accident, general cleanup	29	127	4.38	19.28	0.66	3.07	88.96
480-Attempted burning, illegal action, other	1	5	5.00	0.63	0.63	3.15	3.15
500-Service Call, other	8	29	3.63	4.16	0.52	1.91	15.30
510-Person in distress, other	7	20	2.86	3.48	0.50	1.40	9.77
511-Lock-out	1	4	4.00	0.33	0.33	1.32	1.32
520-Water problem, other	7	26	3.71	4.25	0.61	2.22	15.53
522-Water or steam leak	10	33	3.30	8.10	0.81	2.70	26.97
531-Smoke or odor removal	6	23	3.83	2.45	0.41	1.48	8.86
540-Animal problem, other	1	2	2.00	0.37	0.37	0.74	0.74
542-Animal rescue	5	15	3.00	4.32	0.86	2.84	14.21
550-Public service assistance, other	6	22	3.67	7.02	1.17	4.91	29.47
551-Assist police or other governmental agency	20	71	3.55	9.95	0.50	1.79	35.76
552-Police matter	3	24	8.00	10.10	3.37	35.10	105.30
553-Public service	52	168	3.23	32.83	0.63	2.09	108.80
554-Assist invalid	1	4	4.00	0.28	0.28	1.12	1.12
561-Unauthorized burning	15	45	3.00	4.75	0.32	0.93	13.97
571-Cover assignment, standby, moveup	16	71	4.44	38.71	2.42	10.20	163.24
600-Good intent call, other	10	38	3.80	2.25	0.23	0.83	8.29
611-Dispatched & canceled en route	27	80	2.96	9.63	0.36	0.93	25.02
621-Wrong location	3	7	2.33	1.28	0.43	1.16	3.49
622-No incident found on arrival at dispatch address	20	71	3.55	7.12	0.36	1.43	28.68
631-Authorized controlled burning	12	51	4.25	3.12	0.26	1.19	14.29
650-Steam, other gas mistaken for smoke, other	2	16	8.00	2.08	1.04	7.83	15.66
651-Smoke scare, odor of smoke	5	25	5.00	2.99	0.60	3.72	18.62
652-Steam, vapor, fog or dust thought to be smoke	1	6	6.00	0.30	0.30	1.80	1.80

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FIRE DEPARTMENT 2020 ANNUAL REPORT



Incident Type	Incident Count	Number Attended	Average Attended	Total Length (hrs)	Average Length (hrs)	Average Man Hours	Total Man Hours
661-EMS call, party transported by non-fire agency	2	5	2.50	0.28	0.14	0.34	0.69
671-HazMat release investigation w/no HazMat	8	20	2.50	4.48	0.56	1.43	11.44
672-Biological hazard investigation, none found	1	3	3.00	0.70	0.70	2.10	2.10
700-False alarm or false call, other	6	25	4.17	1.66	0.28	1.36	8.19
710-Malicious, mischievous false call, other	1	2	2.00	0.02	0.02	0.04	0.04
714-Central station, malicious false alarm	5	19	3.80	1.64	0.33	1.16	5.80
721-Bomb scare - no bomb	1	8	8.00	2.00	2.00	16.00	16.00
730-System malfunction, other	15	48	3.20	6.03	0.40	1.47	22.10
731-Sprinkler activation due to malfunction	4	16	4.00	2.01	0.50	1.98	7.93
733-Smoke detector activation due to malfunction	25	78	3.12	13.88	0.56	1.74	43.59
735-Alarm system sounded due to malfunction	6	20	3.33	3.55	0.59	2.15	12.90
736-CO detector activation due to malfunction	12	32	2.67	6.67	0.56	1.43	17.22
740-Unintentional transmission of alarm, other	11	41	3.73	2.97	0.27	1.03	11.35
741-Sprinkler activation, no fire - unintentional	5	22	4.40	3.36	0.67	2.94	14.72
743-Smoke detector activation, no fire - unintentional	50	180	3.60	24.75	0.49	1.78	88.86
744-Detector activation, no fire - unintentional	10	32	3.20	5.17	0.52	1.71	17.11
745-Alarm system activation, no fire - unintentional	37	147	3.97	20.27	0.55	2.23	82.64
746-Carbon monoxide detector activation, no CO	6	31	5.17	3.18	0.53	3.20	19.20
800-Severe weather or natural disaster, other	1	5	5.00	0.77	0.77	3.85	3.85
813-Wind storm, tornado/hurricane assessment	8	28	3.50	4.93	0.62	2.12	16.99
900-Special type of incident, other	4	13	3.25	1.90	0.47	1.36	5.46
Blank. Incident Type not Entered	0	0	0.00	0.00	0.00	0.00	0.00
Total and Averages for all Incident Types	1,713	5,908	3.45	1,114.75	0.65		4315.07

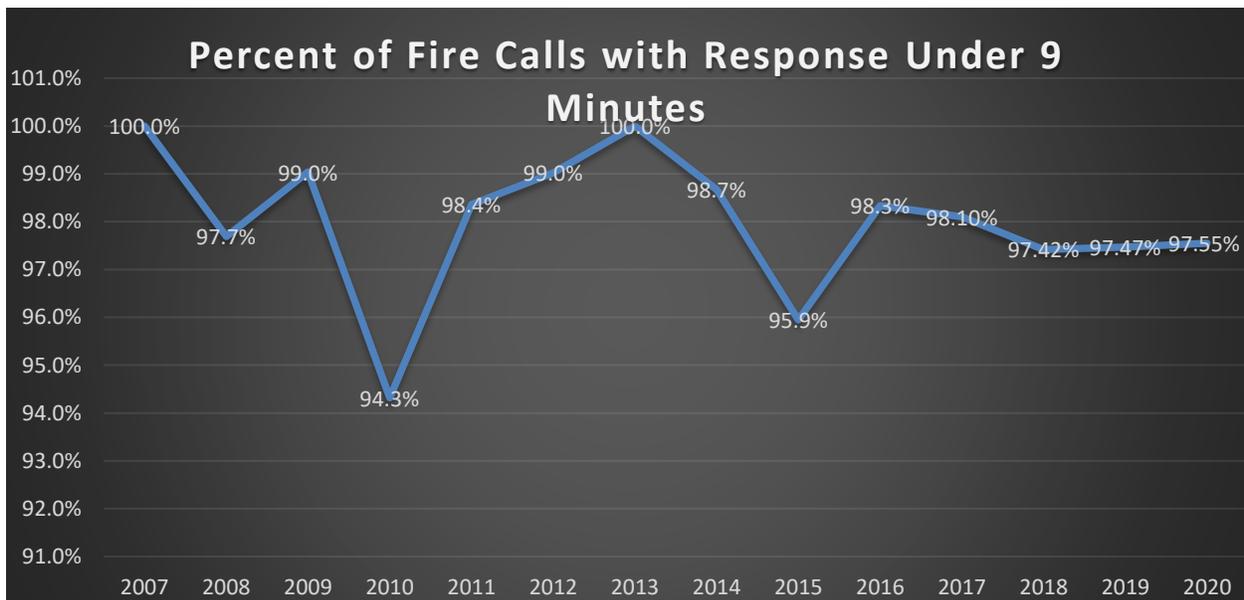
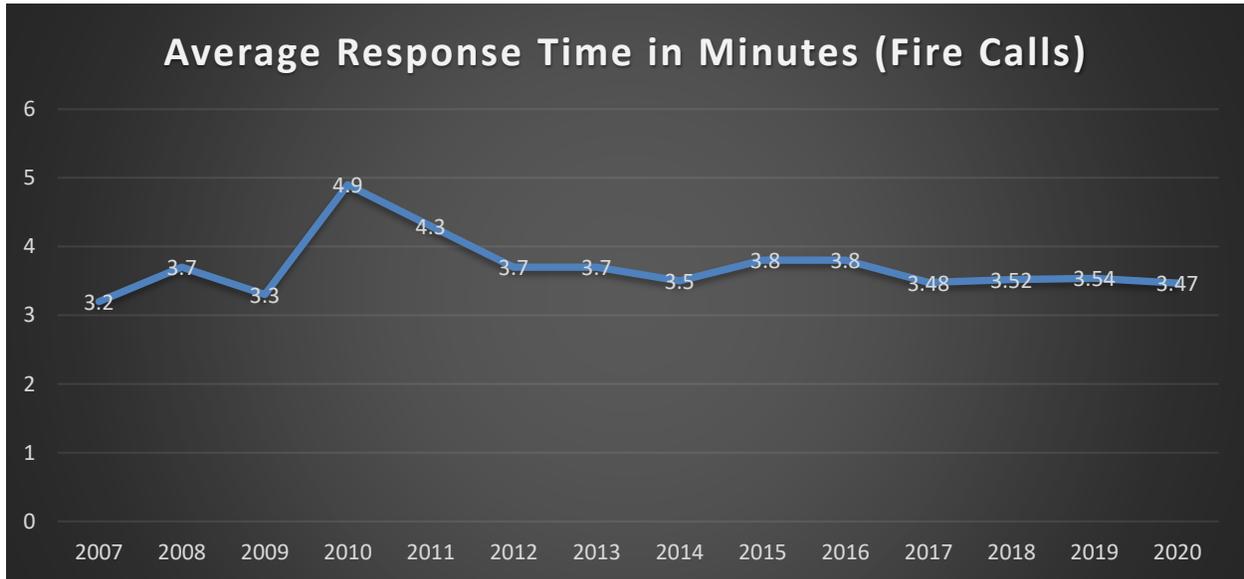
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NFIRS Mutual Aid Grid Summary Report		Range From 1/1/2020 to 12/31/2020					
Canandaigua Fire Department		Primary Agency Canandaigua Fire Department					
Agency	Department Name	Mutual aid received	Automatic aid received	Mutual aid given	Automatic aid given	Other aid given	Grand Totals
35001	Bristol Fire Department	0	0	1	0	0	1
35004	Cheshire Fire Department	0	0	8	0	1	9
35006	Crystal Beach Fire Department	1	0	2	0	0	3
35008	Farmington Fire Department	0	0	4	0	0	4
35015	Hopewell Fire Department	0	0	1	0	0	1
35018	Naples Fire Department	0	0	2	0	0	2
35003	V. A. Fire Department	2	0	0	0	0	2
Total Count		3	0	18	0	1	22



FIRE DEPARTMENT 2020 ANNUAL REPORT



NFPA 1710 requires that turnout time should be 80 seconds for fire incidents and 60 seconds for EMS incidents. Travel time to a fire suppression incident, by the initial arriving company, should be 4 minutes or less. In the majority of incidents, CFD exceeds these response times standards.

***Please note that some runs do not require the need to drive “Lights & Sirens” or emergency to scenes. This causes an increase in response times.**



DEPARTMENT HIGHLIGHTS

NEW CAREER FIREFIGHTER

In February 2020, CFD hired one additional career firefighter / EMT. Firefighter Dan Fuller pictured here rescuing ducklings from a storm drain transferred from the City of Salamanca and is a welcomed addition to the Fire Department.



SMOKE ALARM INSTALLATION PROGRAM / CAMPAIGN

CFD continues to partner with the American Red Cross to install smoke alarms where needed in the City and Town, as well as teach residents how to prevent and survive home fires. The campaign includes:

- Canvassing at-risk neighborhoods
- Installing free KIDDE 10-year battery - Smoke Alarms
- Replace batteries in existing alarms
- Provide fire prevention and safety education



In 2020, CFD installed 20 smoke alarms in the community.



FIRE DEPARTMENT 2020 ANNUAL REPORT



FIRE PREVENTION GRANT

In 2020, the F.F. Thompson Foundation, Inc. awarded CFD \$1500.00 through the Mary Clark Thompson Grant program. CFD was seeking financial support for fire prevention education outreach equipment. The money was used to purchase a Laptop Computer, Projector, Portable Projector Screen, Speakers, and a Case. The goal of the project was to help bring audio visual technology in the field to places that don't have these capabilities and deliver high quality fire prevention education.

NYS DEC FIRE ASSISTANCE GRANT

CFD was also awarded \$1500.00 through the NYS Department of Environmental Conservation Volunteer Fire Assistance Grant (VFA). The program is made possible by the Federal Cooperative Forestry Assistance Act of 1978 and US Forest Service. CFD purchased 1000 feet of new 4" rubber supply hose for Engine 211.





FIRE DEPARTMENT 2020 ANNUAL REPORT



COMMUNITY OUTREACH & ENGAGEMENT

Ongoing recruitment of potential volunteers and community engagement. Our team attends community events to showcase our efforts, engage with the public and attempt to recruit new volunteer members. In November, members ensured the safety of those who participated in The New York State Special Olympics Polar Plunge in Kershaw Park. Firefighters also taught the public on the proper use of a fire extinguisher at the Downtown Fire & Ice Fest in February.



“Thank you to all of the members of this fine organization for continuing to uphold the traditions that are the foundation of the Canandaigua Fire Department. I hope our performance showcases our commitment and dedication to the citizens of our community.”

Chief Frank Magnera



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