



2020

**ANNUAL REPORT
OF THE MAINE
STATE FIRE
MARSHAL**



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Maine State Fire Marshal

Joseph E. Thomas

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Message from State Fire Marshal Joseph E. Thomas

Welcome to the 2020 Maine State Fire Marshal Annual Report.

2020 was a very challenging year for the FMO. With the COVID-19 pandemic raging, this agency was called upon to assist other state agencies, healthcare facilities, educational facilities and businesses in meeting alternative means of code compliance in order to allow these facilities to still provide essential services and maintain fire and life safety measures.

Each and every member of the Office of State Fire Marshal stepped up and met each and every challenge head on with professionalism, critical thinking skills, creativity and compassion. One example being emergency rule making that permitted temporary structures such as tents be used for periods beyond the 180 day period established in normal times to 364 days. The emergency rule gave restaurants, bars, schools and other establishments additional time to avoid indoor crowds exceeding gathering limits and therefore to comply with the Governor's Office Executive Order #14 "An order to Implement Phase Four of the Restarting Maine's Economy Plan."



This report will provide you with data on 119,434 valid fire incidents reported to our office by 274 Maine Fire Departments in 2020. Fires that took the lives of 17 individuals and brought about \$37,704,421 in total loss to Maine homeowners, businesses and institutions throughout Maine.

We hope this information will assist the fire service, educators, policy makers and other interested in finding effective approaches to reducing the loss of lives and property to fire in Maine. I would like to thank my staff for making this report possible and wish them all and you the public we serve, a safe and happy 2021.

Sincerely,

Joseph E. Thomas, State Fire Marshal

State Fire Marshal Office History

The Division of State Fire Prevention was created in 1937 to combat an increasing number of fraudulent insurance claims resulting from intentionally set fires. The State Fire Marshal Office replaced the Division of State Fire Prevention in 1972. The scope of statutory authority has broadened over the years to include:

1. Investigation of the cause and origin of fires and explosions;
2. Arson investigation, evidence gathering and case preparation for possible prosecution;
3. Regulate, permit and inspect for the use of explosives, fireworks and certain flammable liquids;
4. Inspect approximately 25 distinct types of buildings and facilities to enforce life safety codes and standards;
5. Review plans for issuing permits for construction and alteration of public buildings, handicap accessibility, installation of fire alarm and fire sprinkler systems; installation of aboveground fuel storage tanks, amusement rides, and self-service gas stations;
6. Conduct and offer specialized training for trade professionals, care givers, code enforcement officials, and fire and law enforcement professionals;
7. Coordinate specialty subject areas such as the State of Maine Juvenile Fire Safety Collaborative that was created by a Governor's Executive Order.

The following people have served in the role of State Fire Marshal:

Director Joseph A.P. Flynn	1939 to 1965
Director and Fire Marshal Charles F. Rogan	1965 to 1975
Fire Marshal Don Bissett	1977 to 1991
Fire Marshal Dennis Lundstedt	1992 to 1995
Fire Marshal Ladd Alcott	1995 to 1998
Fire Marshal John C. Dean	1998 to 2012
Fire Marshal Joseph E. Thomas	2012 to present

State Fire Marshal Office Divisions

Investigations Division

Lieutenant Troy Gardner oversees the Fire Investigation Division of the State Fire Marshal's Office. The Investigation Division employs 12 sworn fire investigators, 3 fire investigation sergeants, and 2 accelerant detection K-9s: Deacon and Harry. These personnel are spread out equally across three areas of Maine: Northern, Central, and Southern. Deacon and Harry assist the investigator with identifying the location of ignitable liquids present in a scene. Fire investigators are tasked with a wide variety of duties specializing in fire and explosion investigations to determine the origin and cause of those events. In each of these investigations, if the cause is accidental, a report is generated. However, if the investigation reveals a criminal law violation, the case continues as the investigator attempts to identify the person(s) responsible and submits the concluded case for prosecution. At trial, our Fire Investigators testify as expert witnesses in the science and methodology of fire development and dynamics.

For those most unfortunate times of fire fatalities, the Investigation Division is the State Attorney General's investigative representatives taking the lead role in finding the facts and circumstances of a fire death. Adding to this role, Fire Investigators work closely with other law enforcement investigative agencies, fire departments, the Medical Examiner's Office, financial institutions, professional, medical, and legal representatives.

Fire Investigators work closely with Federal Investigative agencies most often with the Bureau of Alcohol, Tobacco, Firearms, and Explosives (ATF&E). On occasion investigations may also dictate we work with the US Postal Inspectors (USPIS), Federal Bureau of Investigations (FBI), and the Federal Emergency Management Agency (FEMA).

Along with the obvious fire and explosion scene investigations, Fire Investigators handle a wide variety of other duties. They include fireworks site inspections before every show, explosive storage magazine inspections for the safe storage of explosives, mechanical ride inspections each year before the first setup, pick up expired marine flares in the spring and fall of each year, and they conduct hundreds of hours of lectures and training on fire related subjects to civic groups, police and fire departments, and to students at the Maine Criminal Justice Academy and National Fire Academy.

In 2020 the Investigation Division handled complaints that resulted the classification of 154 accidental fires, 109 incendiary fires, and 162 undetermined fires. A classification of Undetermined is derived from the lack of proof to classify a fire as incendiary or accidental. They also conducted 10 illegal explosives, and 6 fireworks investigations. Investigators inspected 81 fireworks sites, as well as 11 explosive storage magazines. Maine is a vast state demanding thousands of hours in travel each year for the investigative division. Due to the Covid pandemic the investigators aided other law enforcement and health related state and local agencies 156 times.

Inspections Division

Assistant State Fire Marshal Rich McCarthy oversees the **Inspections** and **Plans Review** Divisions of the State Fire Marshal's Office. He serves as a representative of the Office, is involved in the State's Building and Energy Code development and implementation and serves on National Fire Protection Association committees.

The Inspections Division of the State Fire Marshal's Office has three regional offices located throughout Maine and the 10 personnel inspect approximately 25 distinct types of facilities: with the primary focus being enforcement of NFPA 101, the Life Safety Code. The types of facilities inspected include all facilities licensed through the Department of Health and Human Services, such as: hospitals, nursing homes, daycare facilities, boarding homes, and mental health facilities. They also inspect public, commercial, and licensed residential structures to ensure compliance with state and federal fire codes and ordinances. Inspections include compliance with federal ADA (Americans with Disability Act) standards. The Division is responsible for licensing and permitting of explosives and fireworks, inspection of aboveground storage tanks, automobile racing facilities, and mechanical rides. They work in conjunction with the Investigation Division when their expertise is needed. In 2020, the division did 3,563 inspections.

The Division also provides National Fire Protection Association (NFPA) training in the state. In 2020, the Division did two 40-hour NFPA 101 trainings for 42 people and conducted three 8-hour NFPA 101 classes for 66 people.

Plans Review Division

All major construction projects in Maine must be reviewed by the Fire Marshal's Office for life safety, fire sprinkler and code compliance. Those construction plans reviews include businesses as well as day care facilities, schools, assisted living and numerous other public buildings. Plans are reviewed in the Augusta office for construction in all 16 counties in Maine.

Construction Plans Review: The Plans Review Division consists of three people who review blueprints to issue permits for construction and alteration of public buildings and handicap accessibility. Plan Reviewers are responsible for evaluating building plans, site plans, fire protection system plans, and specifications for compliance with applicable state and federal fire codes, laws, as well as ADA (Americans with Disabilities Act) requirements. They respond to requests for information and technical assistance from architects, engineers, and developers on design criteria, and examine requests for variance to the fire codes and local laws pertaining to fire safety. The plans reviewers are NFPA (National Fire Protection Association) certified. In 2020 the plans review team reviewed 1,055 plans and permitted 569 projects. The total cost value of these projects was approximately \$1,019,964,166.00.

Sprinkler Plans Review: Gerald Leach reviews fire sprinkler system plans, issues sprinkler permits and licenses, does field inspections of sprinkler systems for compliance with state and national rules and codes, and does general sprinkler system trainings. In 2020, he issued 775 fire sprinkler permits and 168 fire sprinkler licenses (new and renewals).

Clerical Division

The Clerical Division has a staff of 4 administrative assistants who process our paperwork and requests for inspections. The staff send inspection requests to the inspectors and when the inspection is complete, the staff either send an approval to the licensing agency or issue a permit directly. The staff processed approximately 3,563 inspection requests in 2020. Once an approval or permit has been issued, the files are scanned into our document management system. This management system contains approximately 450,000 documents and reduces the number of paper files the office must store. In addition to approvals and permits, the staff also process approximately 250 groundwater cleanup claims every year. Our office works with the Department of Health and Human Services on federal healthcare inspections. We are the inspection agent for Centers for Medicare & Medicaid Services, which is a federal agency that oversees Medicare and Medicaid funding. Without the tireless work of these administrative aces, our work would be much more difficult. In 2020 the Clerical Division processed 160 federal health care inspections.

Records Request Division

Dorothy Bonsant is our Paralegal and is the sole staff member for this Division. The Office of State Fire Marshal received approximately 249 Freedom of Access Act and Public Record Requests in 2020. The requests were received from attorneys, property owners, prospective buyers, tenants, insurance companies, law enforcement agencies, fire departments and reporters. Requestors primarily sought investigative reports and photographs; however, audio recordings of interviews, drawings, permits, inspections and historical record information were also requested. Information is generally released pursuant to the Criminal History Record Information Act, ([CHRIA](#)); Intelligence and Investigative Record Information Act, ([IIRIA](#)); Arson Reporting Immunity Act ([ARIA](#)); and the Freedom of Access Act ([FOAA](#)).

Research and Public Education Division

The Division staff consisted of Senior Planning and Research Analyst Michelle Mason Webber. In June 2020 Michelle left the Fire Marshal's Office and was replaced by Richard E. Taylor in December. Preparations for 2020 public education efforts were halted in March because of the COVID pandemic. The collection of fire data from Maine's fire departments on fire incidents throughout Maine continued. The final information is made available to the public through NFIRS (National Fire Incident Reporting System). The research division uses GIS software and various statistical methods to analyze fire incident data in Maine. In addition to NFIRS data collected, the Division uses many other data sets from the Census, CDC, Department of Labor and more in its effort to examine Maine's fire burden. Four measures are used to examine Maine's fire burden and include fire death and injury, property loss and the costs of responding to fires and the cost of maintaining a fire department.

The free statewide Maine Fire & EMS Incident Reporting System (MEFIRS), developed so departments could document their incidents, was used by 268 fire departments in 2020. Because of the COVID pandemic there were no MEFIRS fire report trainings around the state. In the past these trainings were used to help fire departments increase the number, and quality, of their fire reports.

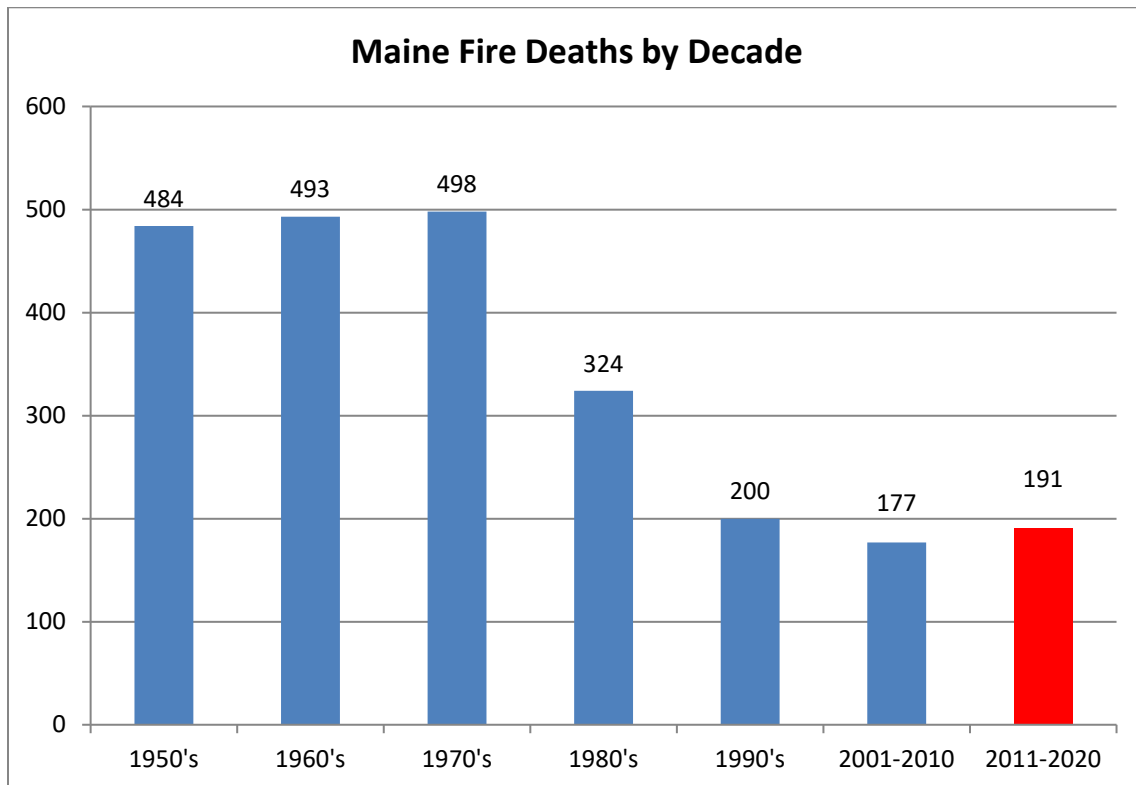
2020 Maine Fire Fatalities

Town	Date	Gender	Age	Cause
Fort Fairfield	1/13/2020	F	90	Undetermined
Fort Fairfield	1/14/2020	F	39	Undetermined
Vassalboro	2/13/2020	M	26	Appliance (toaster) Malfunction
Gorham	2/28/2020	F	84	Electrical
Perry	3/1/2020	M	32	Undetermined
Lewiston	4/25/2020	M	58	Auto Fuel/spark
Ellsworth	5/19/2020	M	67	*
Ellsworth	5/19/2020	F	58	*
Buxton	8/23/2020	M	52	Undetermined
Machias	9/21/2020	M	36	*
Machias	9/21/2020	M	35	*
Arundel	9/22/2020	M	20	Vehicle Accident
Arundel	9/22/2020	M	19	*
Robbinston	10/7/2020	M	66	*
Lebanon	10/14/2020	F	46	*
Bangor	11/12/2020	M	46	Undetermined
New Sharon	11/24/2020	F	59	Undetermined

* Cause pending completion of investigation.

Maine Fire Deaths Each Decade Since 1950

The graph below shows the total number of Maine fire fatalities during each decade since 1950. There had been a significant decrease in deaths since the 1970's, perhaps due to increased smoke detector use and more fire prevention and education programs taught by fire departments. Building codes are also being enforced during construction or renovation of licensed facilities. However, the decade ending in 2019 marks the first decade since the 1970's that we have seen an increase in fire deaths. We have had several multiple-fatality incidents in the last eight years that have increased our fatality count quickly.



Source: SFMO Investigations Files

Fire Department Trainings and Community Risk Reduction Activities

Training: Fire departments spend a great deal of time training on apparatus, equipment handling and proper firefighting techniques. When a call comes into the station, everyone must respond quickly and safely and work as a team to handle the incident. In 2020 there were few such events due again to the COVID pandemic.



Live training burns are done so firefighters can practice how to safely search a building and extinguish the fire.

Fire Personnel train at this Farmington facility in Farmington, Maine.



Facilities engineered and build specifically for training fire service personnel.



Fire service personnel practice entering a burning building.



Cape Elizabeth Fire & Rescue's WET team rock rescue training.

Photo provided by Chief Peter Gleeson

Community Risk Reduction and Education Activities: Community risk reduction is a different type of activity for fire departments. Instead of responding to incidents after they happen, a fire department using a community risk reduction program can help residents reduce or eliminate potential hazards in their homes and community, which increases their quality of life and their safety.

Fire departments who partner with other community agencies can increase their interaction with residents who need assistance and make a bigger impact in the community than if the fire department acted on its own.

One of the keys to a successful community risk reduction program is data, including: NFIRS data on fire department incidents; Census data on the income levels, education, housing and age of the community; and any other data that may help the fire department discover where vulnerable residents are located.

2020 SUMMARY INCIDENT DATA



Helicopter photo of a crash involving several vehicles on Interstate 95 in Maine.
Photo: Maine Department of Transportation

The incident data summarized in the following pages are provided by Maine fire departments that reported to the Maine State Fire Marshal's Office. The data is validated by the State Fire Marshal's Office for completeness and accuracy, and then exported to the U.S. Fire Administration's National Fire Incident Reporting System (NFIRS) for release to the fire service and public. The data for this report was pulled from NFIRS on May 19, 2021.

During 2020, valid incident report data was received from 272 Maine fire departments, who reported a total 119,434 incidents. These incidents included 6,238 fire-related incidents, 76,371 emergency medical service (EMS) incidents, and 36,735 non-Fire & non-EMS related and other no activity hazardous conditions, service, and other calls. This represents a considerable decrease from 2019. Overall, total incidents fell 17.4% from 2019. EMS and non-fire non-EMS and other calls fell a combined 62.3%. Fire incidents decreased 2.2% from 2019. Operational problems can lead to changes but some of the change in 2020 was likely influenced by the COVID Pandemic. Further analysis is needed to assess the full impact of COVID on Fire Department incident response numbers.

Maine 2020 Incident Types

The following tables show trends in the three general types of incidents responded to by Maine fire departments. The total number of incidents reported to our office has increased over time. The different incident types are calculated as a percentage of the total number of reported incidents. Data for these tables was pulled from the 2016 – 18 annual reports and from the NFIRS database for the years 2019 and 2020 on May 20, 2021¹ (percentages don't add up to 100% due to rounding).

There is little variation in the percentage of all incidents each incident category comprises. In 2020 however, fires as a percentage of all incidents reached a five-year high of 5.3%.

Fires have generally varied slightly as a percentage of reported incidents.

	2016	2017	2018	2019	2020
Total Valid Incidents Reported	124,266	112,020	137,672	144,587	119,434
Fires Reported	6,422	5,623	6,459	6,107	6,328
Fires as a Percentage of All Reported Incidents	5.2%	5.0%	4.7%	4.2%	5.3%

Emergency Medical Services (EMS) calls have generally varied slightly as a percentage of reported incidents.

	2016	2017	2018	2019	2020
Total Valid Incidents Reported	124,266	112,020	137,672	144,587	119,434
EMS Calls Reported	81,864	70,410	91,065	97,911	76,1,926
EMS as a Percentage of all Reported Incidents	65.9%	62.9%	66.1%	67.7%	63.9%

Non-fire and Non-EMS calls have generally been about 29 % of reported incidents.

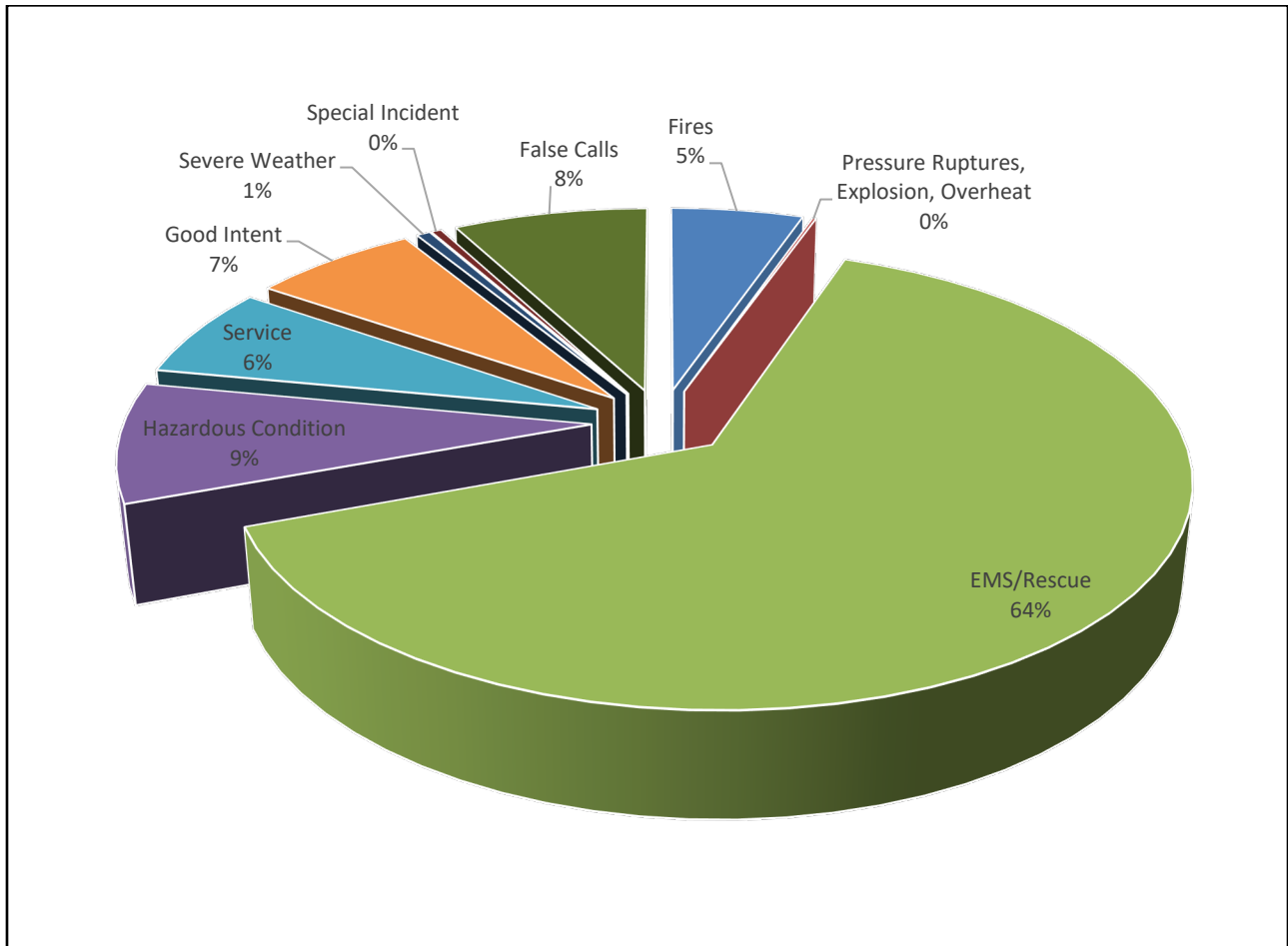
	2016	2017	2018	2019	2020
Total Valid Incidents Reported	124,664	112,020	137,672	144,587	119,434
Non-Fire Non-EMS Calls Reported	35,998	35,987	40,148	40,569	36,735
Non-Fire Non-EMS Calls as a Percentage of all Reported Incidents	29.0%	32.1%	29.2%	28.1%	30.8%

¹ Years 2016 to 2018 are drawn from previous reports to reflect the time in which those numbers were drawn from NFIRS and may vary from a tally taken currently as some departments continue to report incidents after the time the annual report is written.

NFIRS 2020 Frequency of Incident Type Codes

FIRES		
	Structure Fires (110-118, 120-123)	3,494
	Vehicle Fires (130-138)	606
	Other Fires (100, 140-173)	2,228
	Total Fire Calls	6,328
Pressure Ruptures, Explosion, Overheat (200-251)		165
EMS/Rescue		
	EMS (300-323)	75,438
	All Others (331-381)	933
	Total EMS/Rescue Calls	76,371
Hazardous Condition (400-482)		10,313
Service (500-571)		7,827
Good Intent (600-671)		7,954
Severe Weather (800-815)		663
Special Incident (900-911)		488
False Calls		
	Malicious Calls (710-715, 751)	292
	Other False Calls (700, 721-746)	9,033
	Total False Calls	9,325
	Total 2018 Calls	119,434

2020 Incident Types by Percentage of Total Incidents

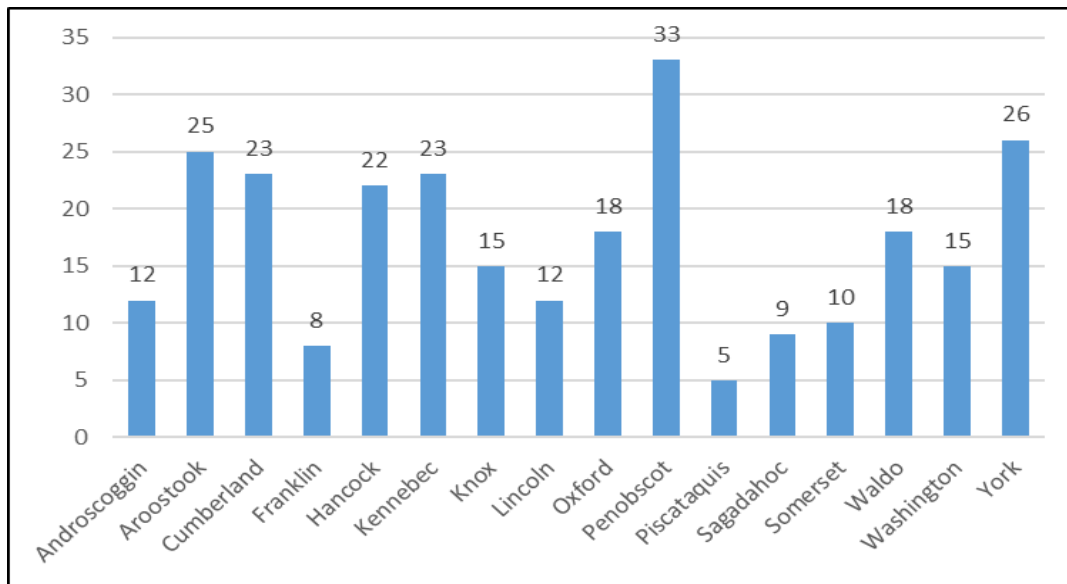


2020 Fire Department Mutual Aid Activities

Mutual Aid	Frequency	Percentage
Mutual Aid Given	8,707	7.29%
Mutual Aid Received	4,993	4.18%
No Mutual Aid	105,734	88.53%

2020 Number of Fire Departments with Valid Reports by County

(Total number of fire departments = 274)



A gathering at Windham Fire-Rescue's 50th anniversary breakfast.

Photo provided by Chief Brent Libby

2020 Reporting Fire Department's Incidents by Incident Type Code

Androscoggin County

FDID	Fire Dept.	Incident Type Codes for Reports											Total
		100	200	300	400	500	600	700	800	900	UUU	N/A	
A0010	Auburn	114	1	3869	350	182	199	287	1	12	0	0	5,015
A0160	Lewiston Fire Department	67	1	322	259	134	120	294	9	7	0	0	1,213
A2140	Durham Fire Department	17	0	154	27	19	24	10	1	1	0	0	253
A2500	Greene Fire Department	42	0	274	70	2	16	16	3	1	0	0	424
A3010	Leeds Fire Department	30	0	28	22	1	15	5	0	0	0	0	101
A3130	Livermore Fire Department	16	1	33	7	4	9	6	0	0	0	0	76
A3140	Livermore Falls Fire Dept.	36	1	51	44	16	3	14	0	0	0	0	165
A3450	Minot Fire Department	9	0	36	34	22	11	5	0	2	0	0	119
A4050	Poland Fire Department	18	0	519	43	90	14	27	11	0	0	0	722
A4790	Turner Fire Department	11	0	1	2	0	4	0	0	0	0	0	18
A5020	Sabattus Fire Department	21	0	85	57	20	38	11	2	0	0	0	234
A9100	Lisbon Fire Department	38	4	124	91	52	115	42	1	3	0	0	470

Aroostook County

FDID	Fire Dept.	Incident Type Codes for Reports											Total
		100	200	300	400	500	600	700	800	900	UUU	N/A	
B1670	Caribou Fire Department	66	1	1977	17	14	11	44	0	2	0	0	2,132
B2160	Eagle Lake Fire Department	3	0	1	1	0	0	0	0	0	0	0	5
B2200	Easton Fire Department	5	0	1	0	0	0	0	0	0	0	0	6
B2360	Fort Fairfield Fire Department	28	0	38	10	27	9	11	2	2	0	0	127
B2370	Fort Kent Fire Department	17	1	5	4	22	7	12	0	0	0	0	68
B2430	Frenchville Fire Department	11	0	2	4	1	4	10	0	0	0	0	32
B2520	Grand Isle Fire Department	2	0	0	0	0	0	0	0	0	0	0	2
B2690	Haynesville Fire Department	1	0	2	0	0	0	0	0	0	0	0	3
B2780	Houlton Fire Department	34	0	33	25	36	15	28	5	8	0	0	184
B3050	Limestone Fire Department	1	0	0	0	0	0	0	0	0	0	0	1
B3120	Littleton Fire Department	7	0	0	4	2	1	0	0	0	0	0	14
B3220	Madawaska Fire Department	9	0	11	7	1	7	11	1	0	0	0	47
B3260	Mapleton Fire Department	19	0	24	4	2	0	2	0	7	0	0	58
B3490	Monticello Fire Department	9	0	46	4	1	2	0	0	0	0	0	62
B3760	Oakfield Fire Department	1	0	0	0	0	0	0	0	0	0	0	1

Aroostook County, continued

FDID	Fire Dept.	Incident Type Codes for Reports											Total
		100	200	300	400	500	600	700	800	900	UUU	N/A	
B4100	Presque Isle Fire Department	56	0	43	29	40	34	61	1	5	0	0	269
B4250	St. Agatha Fire Department	5	0	3	1	1	1	3	0	0	0	0	14
B4380	Sherman Fire Department	0	0	1	0	0	0	0	0	0	0	0	1
B4830	Van Buren Fire Department	11	1	11	6	5	6	13	0	1	0	0	54
B4970	Washburn Fire Department	24	0	20	3	1	2	9	0	19	0	0	78
B6530	St. Francis Plantation FD	3	0	4	2	0	1	1	0	0	0	0	11
B7000	North Lakes Fire Department	5	0	10	4	3	3	0	0	0	0	0	25

Cumberland County

Incident Type Codes for Reports													
FDID	Fire Department	100	200	300	400	500	600	700	800	900	UUU	N/A	Total
C0190	Portland Fire Department	166	25	5,368	1,020	316	397	791	0	4	0	0	8,087
C0240	South Portland Fire Department	46	22	3,062	246	220	148	359	0	3	0	0	4,106
C0260	Westbrook Fire Department	82	0	3,139	162	188	67	260	1	2	0	0	3,901
C1220	Baldwin Fire Department	22	1	49	38	11	2	1	0	0	0	0	124
C1470	Bridgton Fire Department	13	0	27	14	4	17	12	0	0	0	0	87
C1550	Brunswick Fire Department	18	3	925	105	33	34	79	7	8	0	0	1,212
C1551	Cundy's Harbor Fire Department	9	1	118	28	10	20	14	0	2	0	0	202
C1660	Cape Elizabeth Fire Dept.	18	0	689	61	127	34	123	0	7	0	0	1,059
C1710	Casco Fire Department	10	0	70	2	7	6	2	0	1	0	0	98
C1970	Cumberland Fire Department	54	2	481	52	55	43	73	2	2	0	0	764
C2320	Falmouth Fire Department	49	0	1,002	62	62	40	181	0	0	0	0	1,396
C2500	Gorham Fire Department	31	1	648	48	40	50	68	1	3	0	0	890
C2530	Gray Fire Department	24	1	312	28	54	58	19	1	5	0	0	502
C2540	Orrs/Bailey Island Fire Dept.	13	1	123	25	26	47	26	0	2	0	0	263
C2541	Harpwell Neck Fire Department	9	1	159	28	8	10	18	0	0	0	0	233
C2660	Harrison Fire Department	8	0	93	8	26	4	4	0	0	0	0	143
C3550	Naples Fire Department	16	1	186	9	11	10	30	1	0	0	0	264
C3590	New Gloucester Fire and Rescue	5	0	81	3	5	4	4	0	0	0	0	102
C3740	North Yarmouth Fire Dept.	43	3	183	46	54	13	28	11	3	0	0	384
C4150	Raymond Fire Department	52	1	485	66	54	81	78	8	1	0	0	826
C4310	Scarborough Fire Department	91	4	2,348	148	225	251	422	4	5	0	0	3,498
C5180	Windham Fire Department	52	3	1,039	74	124	118	153	4	4	0	0	1,571

Franklin County

FDID	Fire Dept.	Incident Type Codes for Reports											Total
		100	200	300	400	500	600	700	800	900	UUU	N/A	
D2930	Kingfield Fire Department	12	0	12	14	3	0	1	0	0	0	0	42
D3640	New Sharon Fire Department	14	1	12	24	2	5	1	0	1	0	0	60
D4620	Strong Fire Department	21	0	24	15	3	9	3	1	0	0	0	76
D4700	Temple Fire Department	11	1	4	14	1	12	0	0	0	0	0	43
D5170	Wilton Fire Department	15	2	30	23	10	14	11	13	1	0	0	119

Hancock County

FDID	Fire Dept.	100	200	300	400	500	600	700	800	900	UUU	N/A	Total
E1240	Bar Harbor Fire Department	26	2	47	60	46	45	207	0	13	0	0	446
E1490	Brooklin Fire Department	4	0	47	10	3	18	11	0	0	0	0	93
E1570	Bucksport Fire Department	32	0	971	36	42	30	31	1	12	0	0	1,155
E1720	Castine Fire Rescue Department	3	0	66	12	12	5	16	0	0	0	0	114
E1722	Cranberry Isle's Vol Fire Club	0	0	1	0	0	0	1	0	0	0	0	2
E2050	Dedham Fire Department	27	0	130	39	196	17	9	1	1	0	0	420
E2051	Deer Isle Fire Department	20	0	40	28	5	76	22	0	0	0	0	191
E2390	Franklin Fire Department	35	0	19	21	10	26	4	1	3	0	0	119
E2510	Gouldsboro Fire Department	8	0	9	10	3	6	6	0	0	0	0	42
E2710	Islesford Fire Department	0	0	0	0	0	0	1	0	0	0	0	1
E2980	Lamoine Fire Department	12	0	13	20	20	14	6	0	0	0	0	85
E3270	Mariaville Fire Department	4	0	19	13	2	9	2	1	0	0	0	50
E3530	Mount Desert Fire Department	13	1	27	27	14	33	81	0	0	0	0	196
E3800	Orland Fire Department	20	0	43	21	12	18	3	1	0	0	0	118
E4360	Sedgwick Fire Department	36	0	55	60	13	10	18	0	1	0	0	193
E4460	Sorrento Fire Department	5	0	0	1	1	1	0	0	0	0	0	8
E4510	Southwest Harbor Fire Dept.	14	1	29	17	26	20	23	0	3	0	0	133
E4630	Sullivan Fire Department	12	0	113	7	18	19	5	0	2	0	0	176
E5220	Winter Harbor Fire Department	5	0	1	4	0	1	4	0	0	0	0	15
E6480	Osborn Fire Department	1	0	8	2	1	4	0	0	0	0	0	16

Kennebec County

FDID	Fire Dept.	Incident Type Codes for Reports											Total
		100	200	300	400	500	600	700	800	900	UUU	N/A	
F0140	Gardiner Fire Department	43	0	2267	31	25	203	23	0	3	0	0	2,595
F0150	Hallowell Fire Department	2	0	6	5	8	0	3	0	0	0	0	24
F0250	Waterville Fire Department	81	0	2136	166	240	164	189	7	30	0	0	3,013
F1040	Albion Fire Department	12	0	56	28	9	6	3	0	0	0	0	114
F1280	Belgrade Fire Department	28	0	146	34	8	12	12	0	0	0	0	240
F1780	Chelsea Fire Department	21	1	28	25	7	6	14	2	0	0	0	104
F1840	Clinton Fire Department	22	0	438	50	33	16	2	0	1	0	0	562
F2330	Farmingdale Fire Department	29	1	14	20	8	8	24	0	2	0	0	106
F3110	Litchfield Fire Department	25	0	2	70	4	14	5	0	1	0	0	121
F3460	Monmouth Fire Department	36	1	29	68	9	24	24	1	1	0	0	193
F3770	Oakland Fire Department	64	3	725	136	145	91	35	12	11	0	0	1,222
F4030	Pittston Fire Department	30	0	16	27	3	18	11	0	1	0	0	106
F4130	Randolph Fire Department	16	0	15	11	1	14	19	2	0	0	0	78
F4160	Readfield Fire Department	22	0	15	14	1	4	4	2	0	0	0	62
F4210	Rome Fire Department	18	0	13	9	4	15	9	0	0	0	0	68
F4400	Sidney Fire Department	0	0	1	0	0	0	0	0	0	0	0	1
F4850	Vassalboro Fire Department	28	0	32	70	28	8	7	0	0	0	0	173
F5010	Wayne Fire Department	30	1	15	30	3	4	7	0	0	0	0	90
F5090	West Gardiner Fire Department	28	2	16	40	15	9	26	0	0	0	0	136
F5190	Windsor Fire Department	24	1	40	9	6	5	8	27	0	0	0	120
F5210	Winslow Fire Department	44	1	864	65	155	28	63	1	1	0	0	1,222
F5240	Winthrop Fire Department	33	0	19	71	15	15	25	1	0	0	0	179

Knox County

FDID	Fire Dept.	Incident Type Codes for Reports											Total
		100	200	300	400	500	600	700	800	900	UUU	N/A	
G1130	Appleton Fire Department	10	0	13	18	7	12	5	0	2	0	0	67
G1630	Camden Fire Department	30	0	38	41	31	31	117	12	0	0	0	300
G1980	Cushing Fire Department	1	0	0	0	0	0	0	0	0	0	0	1
G2440	Friendship Fire Department	17	0	8	12	3	2	5	4	2	0	0	53
G2770	Hope Fire Department	29	0	13	10	0	15	4	4	0	0	0	75
G3710	North Haven Fire Department	0	0	2	1	1	1	1	0	0	0	0	6
G4200	Rockport Fire Department	29	0	21	17	5	4	38	1	0	0	0	115
G4270	St. George Fire Department	12	0	31	24	6	53	24	0	1	0	0	151
G4500	South Thomaston Fire Dept.	24	1	99	20	20	4	9	0	0	0	0	177
G4710	Thomaston Fire Department	19	0	44	23	19	13	16	1	1	0	0	136
G4800	Union Fire Department	32	0	407	18	4	20	11	1	0	0	0	493
G4890	Vinalhaven Fire Department	15	0	34	12	11	2	10	0	0	0	0	84
G4960	Warren Fire Department	39	0	41	9	2	17	11	3	0	0	0	122
G4980	Washington Fire Department	12	0	22	18	6	13	1	0	0	0	0	72

Lincoln County

FDID	Fire Dept.	Incident Type Codes for Reports											Total
		100	200	300	400	500	600	700	800	900	UUU	N/A	
H1450	Bremen Fire Department	16	0	60	41	1	12	7	1	0	0	0	138
H1480	Bristol Fire Department	0	0	5	1	0	0	1	0	0	0	7	
H2000	Damariscotta Fire Department	32	0	17	50	6	16	23	3	0	0	147	
H2130	Dresden Fire Department	16	0	42	32	7	4	4	0	0	0	105	
H2220	Edgecomb Fire Department	0	0	70	3	2	6	3	0	0	0	84	
H2870	Jefferson Fire Department	56	1	200	61	2	14	11	1	0	0	346	
H3670	Nobleboro Fire Department	15	0	128	55	10	6	11	1	3	0	229	
H4450	Somerville Fire Department	11	0	51	30	2	11	2	0	0	0	107	
H4930	Waldoboro Fire Department	47	0	54	108	6	51	25	0	1	0	292	
H5122	Whitefield Fire Department	1	0	0	0	1	0	0	0	0	0	2	
H5250	Wiscasset Fire Department	20	2	51	43	14	22	44	0	0	0	196	

Oxford County

FDID	Fire Dept.	Incident Type Codes for Reports											Total
		100	200	300	400	500	600	700	800	900	UUU	N/A	
I1330	Bethel Fire Department	17	0	14	15	3	12	5	0	0	0	66	
I1530	Brownfield Fire Department	9	2	56	24	13	4	5	9	1	0	123	
I1560	Buckfield Fire Department	26	0	15	68	9	20	2	0	0	0	140	
I1650	Canton Volunteer Fire Departme	3	0	3	0	0	1	0	0	0	0	7	
I2100	Dixfield Fire Department	1	0	0	3	0	7	0	0	0	0	11	
I2450	Fryeburg Fire Department	6	0	30	38	8	13	30	0	0	0	125	
I2480	Gilead Fire Department	0	0	1	0	0	0	0	0	0	0	1	
I3400	Mexico Fire Department	38	1	37	31	17	18	12	0	0	0	154	
I3500	Norway Fire Department	13	0	7	24	27	5	4	1	0	0	81	
I3850	Otisfield Fire Department	25	0	36	27	17	5	11	1	1	0	123	
I3870	Oxford Fire Rescue	24	1	232	17	16	17	11	0	1	0	319	
I3900	Paris Fire Department	51	1	14	122	40	28	62	4	13	0	335	
I3990	Peru Fire Department	22	0	10	36	6	3	5	0	3	0	85	
I4240	Rumford Fire Department	20	0	103	31	33	34	16	0	16	0	253	
I4250	Saco Valley Fire Dept	13	0	6	5	1	4	3	0	0	0	32	
I5270	Woodstock Fire Department	30	0	15	15	5	22	2	3	2	0	94	

Penobscot County

FDID	Fire Dept.	Incident Type Codes for Reports											Total
		100	200	300	400	500	600	700	800	900	UUU	N/A	
J0030	Bangor Fire Department	37	0	1635	39	144	107	106	0	1	0	0	2,069
J0070	Brewer Fire Department	53	2	2466	106	43	231	80	4	10	0	0	2,995
J0180	Old Town Fire Department	57	2	1932	76	36	96	78	1	1	0	0	2,279
J1430	Bradford Fire Department	23	0	21	51	11	12	1	4	0	0	0	123
J1440	Bradley Fire Department	19	0	7	6	2	8	3	0	1	0	0	46
J1580	Burlington Fire Department	1	0	0	0	0	3	0	1	0	0	0	5
J1680	Carmel Fire Department	37	0	139	46	14	25	8	0	1	0	0	270
J1760	Charleston Fire Department	0	0	3	0	0	1	0	0	0	0	0	4
J1910	Corinth Fire Department	45	0	646	35	23	35	18	0	0	0	0	802
J2110	Dixmont Fire Department	11	0	50	6	1	2	0	7	0	0	0	77
J2190	East Millinocket Fire Dept.	19	0	20	15	4	14	4	1	0	0	0	77
J2210	Eddington Fire Department	31	0	253	39	33	41	13	2	2	0	0	414
J2490	Glenburn Fire Department	26	1	23	25	14	31	11	0	0	0	0	131
J2540	Greenbush Fire Department	12	0	127	15	6	7	1	0	0	0	0	168
J2600	Hampden Fire Department	34	0	685	50	28	85	48	1	1	0	0	932
J2750	Holden Fire Department	44	0	361	69	65	51	22	0	0	0	0	612
J2790	Howland Fire Department	32	0	39	30	16	15	5	2	2	0	0	141
J2800	Hudson Fire Department	15	0	57	23	1	19	4	0	0	0	0	119
J2900	Kenduskeag Fire Department	1	0	0	0	0	0	0	0	0	0	0	1
J3020	Levant Fire Department	12	0	259	3	24	46	8	3	3	0	0	358
J3160	Lowell Fire Department	4	0	35	7	0	5	0	2	0	0	0	53
J3320	Mattawamkeag Fire Department	48	0	44	13	2	3	1	0	1	0	0	112
J3370	Medway Fire Department	30	0	31	53	20	11	1	0	3	0	0	149
J3420	Milford Fire Department	26	0	227	23	16	20	6	2	0	0	0	320
J3560	Newburgh Fire Department	8	0	24	8	1	13	3	1	0	0	0	58
J3610	Newport Fire Department	32	0	228	22	10	517	11	6	0	0	0	826
J3612	Etna Fire Department	17	0	24	20	12	13	0	0	3	0	0	89
J3820	Orono Fire Department	42	0	1126	71	51	106	151	1	1	0	0	1,549
J3830	Orrington Fire Department	31	2	291	55	54	40	8	0	3	0	0	484
J4040	Plymouth Fire Department	11	0	47	6	3	7	1	0	1	0	0	76
J4520	Springfield Fire Department	8	0	15	5	0	0	6	0	0	0	0	34
J4860	Veazie Fire Department	3	0	190	28	103	33	11	0	0	0	0	368

Piscataquis County

FDID	Fire Dept.	Incident Type Codes for Reports											Total
		100	200	300	400	500	600	700	800	900	UUU	N/A	
K3440	Milo Fire Department	17	0	31	20	16	18	6	0	0	0	0	108
K3480	Monson Fire Department	5	0	1	1	0	0	0	0	0	0	0	7
K5040	Wellington Fire Department	1	0	0	0	0	0	0	0	0	0	0	1

Sagadahoc County

		Incident Type Codes for Reports											
FDID	Fire Dept.	100	200	300	400	500	600	700	800	900	UUU	N/A	Total
L1400	Bowdoin Fire Department	13	0	56	52	9	42	7	2	2	0	0	183
L1410	Bowdoinham Fire Department	16	1	48	64	13	47	20	1	4	0	0	214
L2470	Georgetown Fire Department	2	1	30	6	2	7	5	1	0	0	0	54
L4170	Richmond Fire Department	23	0	272	63	17	77	15	7	1	0	0	475
L4740	Topsham Fire Department	18	1	425	32	23	25	37	3	3	0	0	567
L5070	West Bath Fire Department	7	0	47	24	2	7	3	0	0	0	0	90
L5290	Woolwich Fire Department	24	0	58	57	10	21	10	0	0	0	0	180

Somerset County

		Incident Type Codes for Reports											
FDID	Fire Dept.	100	200	300	400	500	600	700	800	900	UUU	N/A	Total
M1640	Canaan Fire Department	24	0	49	14	1	5	0	0	0	0	0	93
M2080	Detroit Fire Department	18	0	22	9	3	0	0	1	0	0	0	53
M2310	Fairfield Fire Rescue	13	0	1182	27	96	51	26	74	3	0	0	1,472
M2571	Rockwood Fire Department	3	0	10	8	1	1	0	0	0	0	0	23
M3230	Madison Fire Department	26	1	69	59	11	13	0	1	0	0	0	180
M3680	Norridgewock Fire Department	0	0	1	0	0	0	0	0	0	0	0	1
M4020	Pittsfield Fire Department	27	1	80	64	12	19	29	0	0	0	0	232
M4410	Skowhegan Fire Department	49	1	174	92	169	31	69	26	16	0	0	627
M4420	Smithfield Fire Department	9	0	27	11	0	15	4	0	0	0	0	66

Waldo County

		Incident Type Codes for Reports											
FDID	Fire Dept.	100	200	300	400	500	600	700	800	900	UUU	N/A	Total
N2380	Frankfort Fire Department	14	0	7	23	4	17	1	1	0	0	0	67
N2381	West Frankfort Fire Department	2	0	10	0	1	2	0	0	0	0	0	15
N2400	Freedom Fire Department	0	0	0	2	0	0	0	0	0	0	0	2
N2840	Islesboro Fire Department	3	0	3	21	3	8	14	2	1	0	0	55
N2860	Brooks Fire Department	22	0	16	35	7	9	2	1	1	0	0	93
N3030	Liberty Fire Department	22	0	33	30	2	6	3	27	0	0	0	123
N3470	Monroe Fire Department	20	1	29	14	2	4	0	1	0	0	0	71
N3500	Montville Fire Department	23	0	36	28	12	1	2	13	0	0	0	115
N3730	Northport Fire Department	14	0	3	37	13	11	4	0	0	0	0	82
N3880	Palermo Fire Department	4	0	9	6	1	2	0	1	0	0	0	23

Waldo County, continued

N4320	Searsmont Fire Department	25	0	21	24	1	3	7	1	1	0	0	83
N4720	Thorndike Fire Department	3	0	0	2	0	2	0	0	0	0	0	7
N4780	Troy Fire Department	17	0	10	30	4	2	1	2	0	0	0	66
N4810	Unity Fire Department	15	0	27	20	6	3	12	0	0	0	0	83
N4920	Waldo Fire Department	0	0	6	1	0	0	0	0	0	0	0	7
N5230	Winterport Fire Department	14	1	29	24	7	11	18	1	2	0	0	107

Washington County

FDID	Fire Dept.	Incident Type Codes for Reports											Total
		100	200	300	400	500	600	700	800	900	UUU	N/A	
P1020	Addison Fire Department	1	0	3	0	0	0	0	0	0	0	0	4
P1170	Charlotte Fire Department	5	0	25	2	3	1	0	0	2	0	0	38
P1210	Baileyville Fire Department	39	2	20	14	20	11	11	1	1	0	0	119
P1220	Alexander Fire Department	8	0	42	1	2	1	1	3	0	0	0	58
P1270	Beddington Fire Department	1	0	0	1	0	0	0	0	0	0	0	2
P2180	East Machias Fire Department	17	0	18	14	0	5	6	0	0	0	0	60
P2880	Jonesboro Fire Department	4	0	0	0	0	0	0	0	0	0	0	4
P3210	Machiasport Fire Department	14	0	4	2	6	3	1	0	0	0	0	30
P3410	Milbridge Fire Department	9	0	8	3	1	75	6	0	0	0	0	102
P4110	Princeton Fire Department	13	0	6	3	3	4	0	0	0	0	0	29
P4190	Robbinston Fire Department	4	0	3	0	2	0	0	0	0	0	0	9
P4560	Steuben Fire Department	13	0	23	4	0	1	7	0	0	0	0	48
P5060	Wesley Fire Department	3	0	9	0	1	1	2	0	0	0	0	16
P6220	Passamaquoddy Fire & Rescue	6	0	303	0	2	0	1	0	2	0	0	314

York County

FDID	Fire Dept.	Incident Type Codes for Reports											Total
		100	200	300	400	500	600	700	800	900	UUU	N/A	
R0230	Saco Fire Department	97	2	2740	110	234	251	231	0	15	0	0	3,680
R1010	Acton Fire Department	61	2	451	49	24	128	65	66	1	0	0	847
R1060	Alfred Fire Department	20	0	196	22	19	15	11	2	1	0	0	286
R1320	Berwick Fire Department	65	0	534	69	58	55	39	10	2	0	0	832
R1600	BUXTON FIRE & RESCUE	32	0	778	73	88	38	34	0	2	0	0	1,045
R1920	Cornish Fire Department	26	0	25	16	6	4	11	1	0	0	0	89
R2250	Eliot Fire Department	22	0	63	46	26	26	45	5	0	0	0	233
R2760	Hollis Fire Department	40	0	207	37	37	47	11	28	0	0	0	407

York County, continued

R2910	Kennebunk Fire Department	50	1	1859	70	105	78	159	7	2	0	0	2,331
R2920	Kennebunkport Fire Department	12	0	9	22	10	5	75	7	0	0	0	140
R2950	Kittery Fire Department	42	1	133	96	39	51	97	1	0	0	0	460
R2990	Lebanon Fire Department	79	2	848	148	70	28	33	0	3	0	0	1,211
R3040	Limerick Fire Department	5	0	130	2	6	2	3	0	1	0	0	149
R3060	Limington Fire Department	3	0	16	0	2	3	4	0	0	0	0	28
R3191	Goodwin's Mills Fire Dept.	61	0	506	86	48	70	30	29	0	0	0	830
R3580	Newfield Fire Department	13	0	13	5	4	1	1	0	0	0	0	37
R3690	North Berwick Fire Department	13	0	64	48	49	31	27	0	0	0	0	232
R3780	Old Orchard Beach Fire Departm	23	1	1524	94	116	77	205	1	27	0	0	2,068
R4290	Sanford Fire Department	110	12	2783	163	298	231	247	26	4	0	0	3,874
R4370	Shapleigh Fire Department	20	0	29	33	6	3	12	0	0	0	0	103
R4990	Waterboro Fire Department	52	1	599	65	121	69	41	54	2	0	0	1,004
R5050	Wells Fire Department	51	2	286	111	131	97	177	0	1	0	0	856
R5052	Ogunquit Fire Department	23	1	309	14	25	13	153	0	1	0	0	539
R5309	York County Fire Office	14	0	1	50	7	2	0	0	0	0	0	74
R5310	York Beach Fire Department	12	1	497	56	106	83	129	0	3	0	0	887
R5311	York Village Fire Department	37	1	931	82	59	49	114	0	2	0	0	1,275

Grand total

Grand Total Incident Type Codes for Reports												
	100	200	300	400	500	600	700	800	900	UUU	N/A	Grand Total
Totals:	6,328	165	76,371	10,313	7,824	7,954	9,325	663	488	0	0	119,434

SELECTED FIRE STATISTICS



House Fire in Arundel June 2020

Photo by Arundel Fire Rescue

2020 Fire Contributing Factors

(chosen from all Contributing Factors where frequency equals >10)

Code	Contributing Factor	Frequency
00	Other factor contributed to ignition	19
10	Misuse of material or product, other	68
11	Abandoned or discarded materials or products	118
12	Heat source too close to combustibles.	99
13	Cutting, welding too close to combustible	17
14	Flammable liquid or gas spilled	18
18	Improper container or storage	18
19	Playing with heat source	19
20	Mechanical failure, malfunction, other	93
23	Leak or break	24
25	Worn out	23
30	Electrical failure, malfunction, other	45
34	Unspecified short-circuit arc	58
35	Arc from faulty contact, broken conductor	11
43	Installation deficiency	10
50	Operational deficiency, other	22
52	Accidentally turned on, not turned off	15
53	Equipment unattended	49
55	Failure to clean	69
58	Equipment not being operated properly	11
60	Natural condition, other	36
61	High wind	34
62	Storm	13
72	Rekindle	22
73	Outside/open fire for debris or waste disposal	49
74	Outside/open fire for warming or cooking	28
NN	None	788
UU	Undetermined	472

2020 Fire Heat Sources

(chosen from all Heat Source data)

Code	Description	Frequency
50	Explosive, fireworks, other	1
74	Other static discharge	2
71	Sunlight	3
70	Chemical, natural heat source, other	4
80	Heat spread from another fire, other	6
82	Radiated heat from another fire	6
56	Incendiary device	9
72	Chemical reaction	9
97	Multiple heat sources including multiple ignitions	10
68	Backfire from internal combustion engine	12
63	Heat from undetermined smoking material	13
69	Flame/torch used for lighting	13
84	Conducted heat from another fire	13
54	Fireworks	14
73	Lightning	16
66	Candle	18
83	Flying brand, ember, spark	18
42	Molten, hot material	19
81	Heat from direct flame, convection currents	23
41	Heat, spark from friction	39
60	Heat from other open flame or smoking materials	54
65	Cigarette lighter	66
64	Match	71
11	Spark, ember or flame from operating equipment	108
40	Hot or smoldering object, other	141
61	Cigarette	147
13	Arcing	161
00	Heat source: other	234
43	Hot ember or ash	272
12	Radiated, conducted heat from operating equipment	300
10	Heat from powered equipment, other	307
UU	Undetermined	912

“Undetermined” is the most frequently used code to describe a fire’s heat source. Although that may be a valid code in some cases, fire departments often use this code as a “default” in their NFIRS reports. This is an example of why correct and accurate data is important when filling out reports. Bad data can lead to wrong conclusions and poor decisions.

2020 Fire Dollar Loss

Note: this table is based on those incident reports that have dollar loss data. Due to the fact that not all departments reported dollar losses and that only 62% of department's reported, the actual dollar loss numbers are probably higher than the table's data indicate.

	Dollar Loss Property	Dollar Loss Contents	Total Dollar Loss
Structure Fires	\$24,151,449.00	\$8,775,771.00	\$32,927,220.00
Mobile Property	\$3,496,254.00	\$616,645.00	\$4,112,899.00
Other Fires	\$473,859.00	\$190,443.00	\$664,302.00
All Fires	\$28,121,562.00	\$9,582,859.00	\$37,704,421.00

Actions Taken by Maine Fire Departments during Fires in 2020

(Note: Where frequency equals > 1,000; Departments could report more than one action per incident)

Code	Actions Taken	Frequency
92	Standby	1,055
71	Assist physically disabled	1,209
45	Remove hazard	1,370
00	Action taken, other	1,390
55	Establish safe area	1,661
11	Extinguish	2,189
73	Provide manpower	2,355
78	Control traffic	2,375
93	Cancelled enroute	2,650
81	Incident command	2,674
70	Assistance, other	3,960
30	Emergency medical services, other	4,185
31	Provide first aid & check for injuries	5,948
34	Transport person	7,753
86	Investigate	17,419
32	Provide basic life support (BLS)	19,855
33	Provide advanced life support (ALS)	24,648

STRUCTURE FIRES

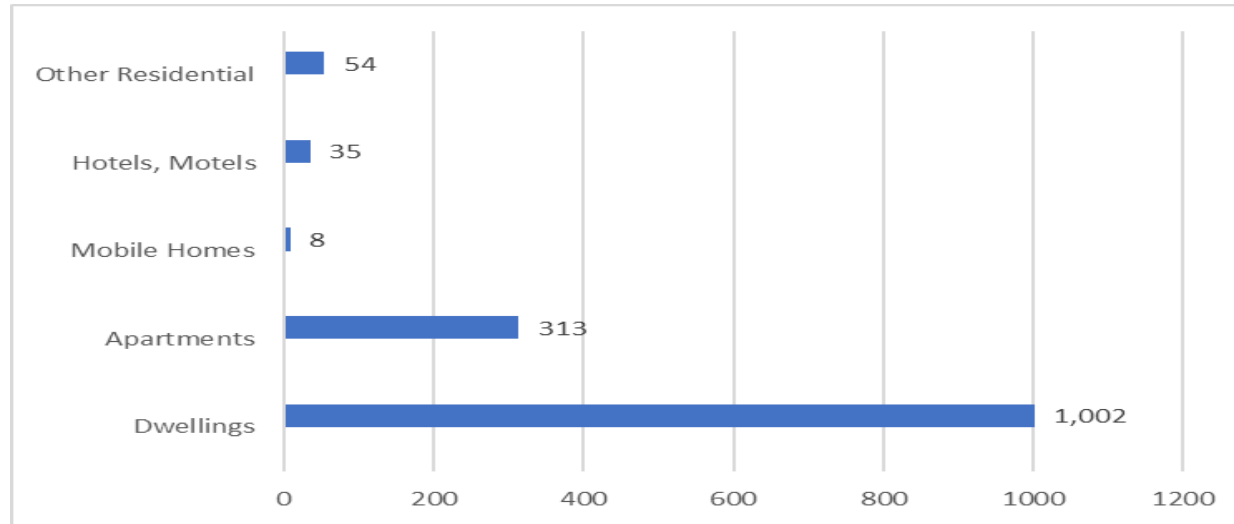


Fort Fairfield Maine DOT Building: January 2, 2020

2020 Structure Fires by Property Use

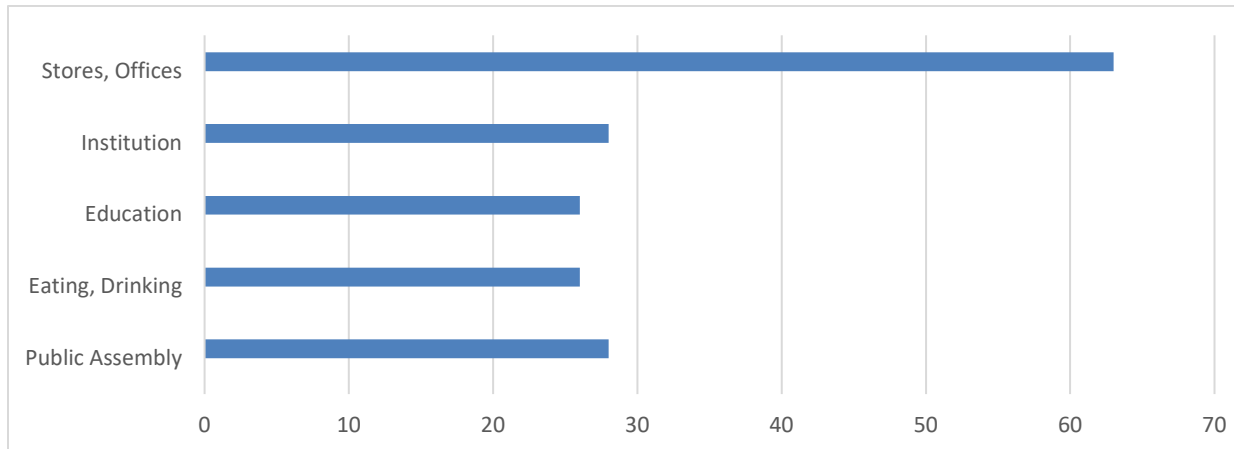
Residential Use

(Number of reports with this data = 1,412)



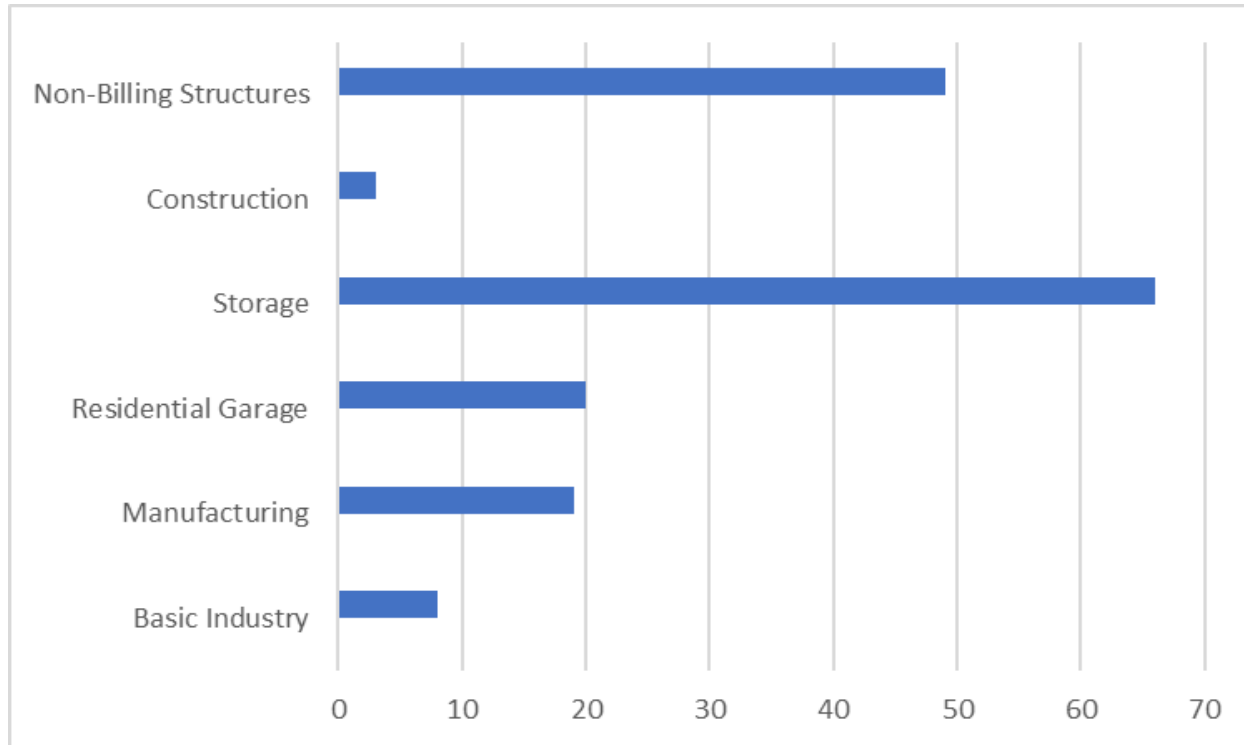
Public Property Use

(Number of reports with this data = 171)



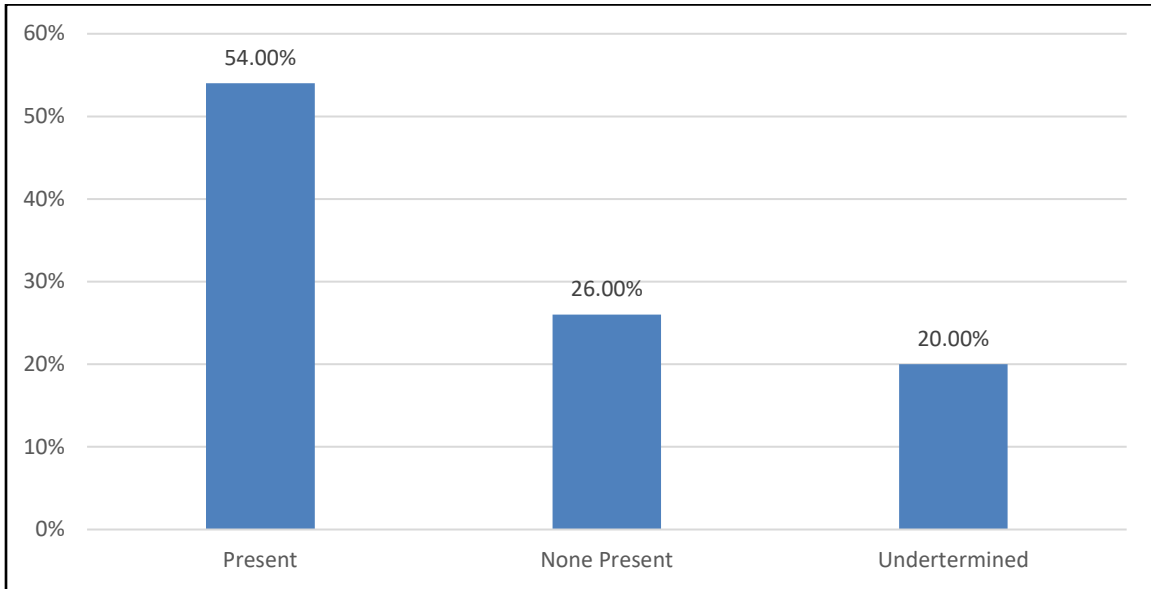
Industrial Property Use

(Number of reports with this data = 124)



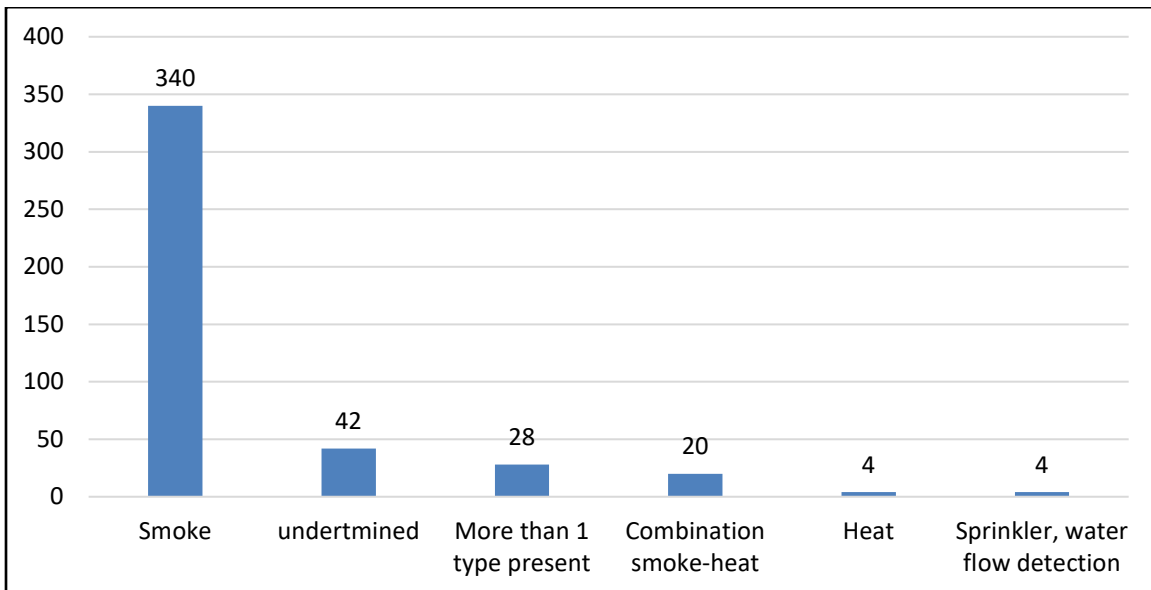
Detector Presence in Structure Fires During 2020

(Number of reports with this data = 816)



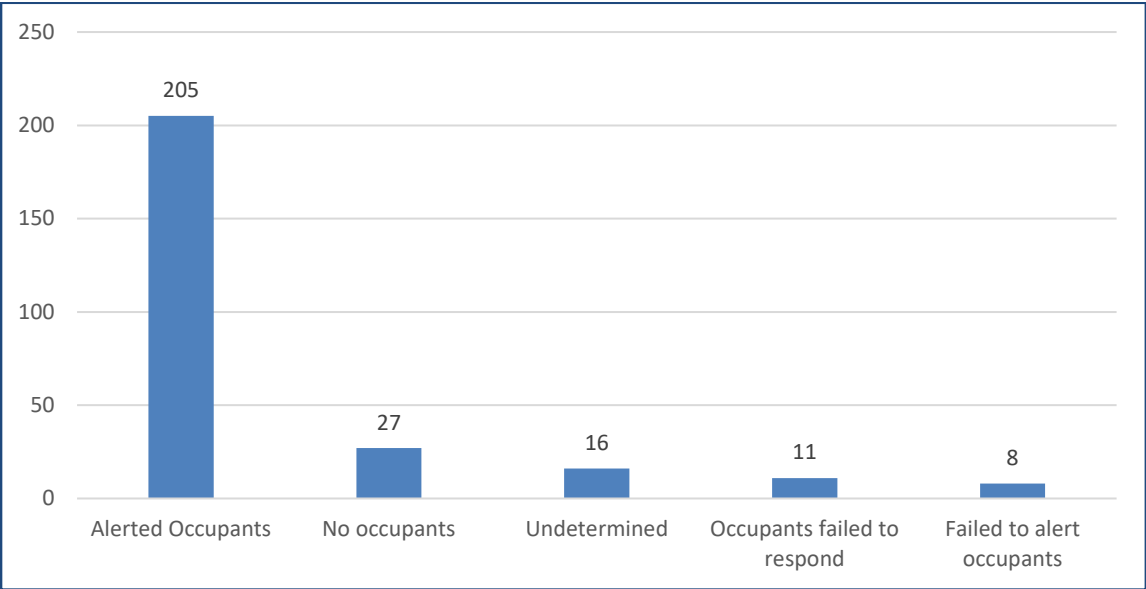
Detector Type in Structure Fires During 2020

(Number of reports with this data = 438)



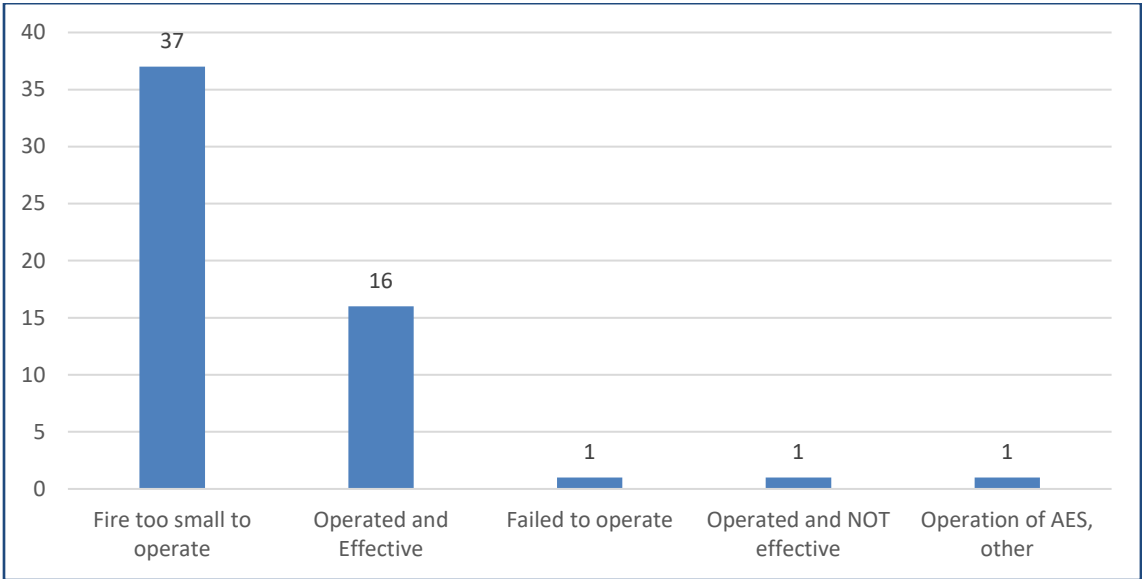
Detector Effectiveness in Structure Fires During 2020

(Number of reports with this data = 267)



Automatic Extinguishing System Operation During Structure Fires in 2020

(Number of reports with this data = 56)



RESIDENTIAL FIRES

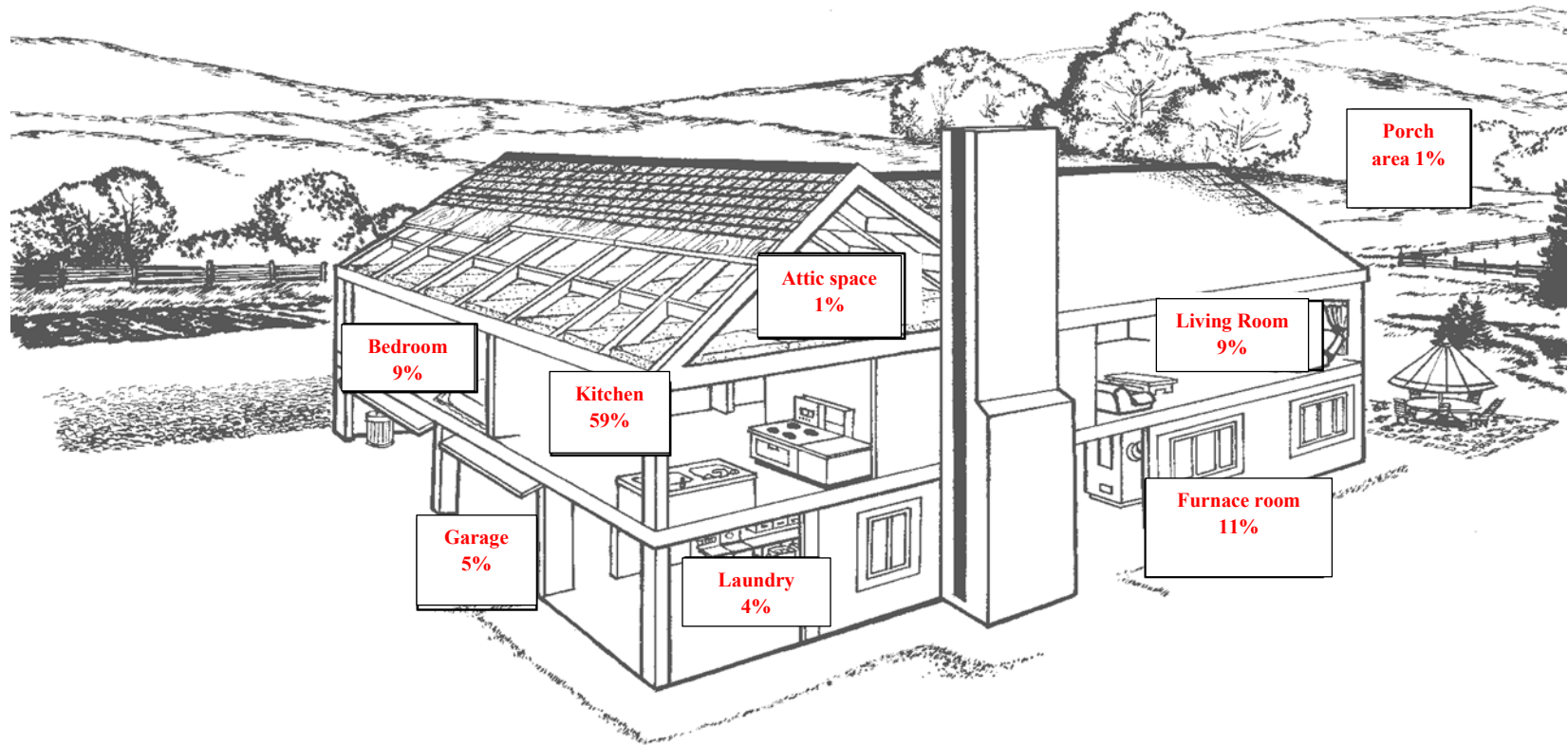


All-hands fire on Rogers Road in Yarmouth. The fire started with an electrical overheat in the garage that spread to the attached home.

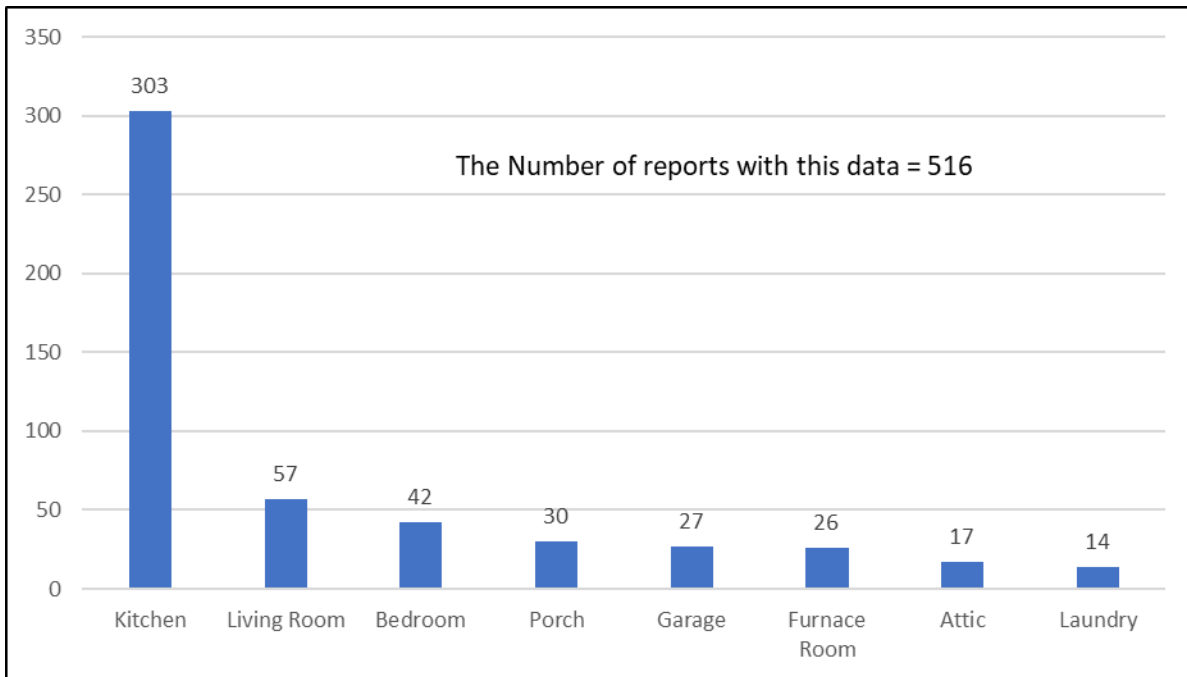
Photo provided by Yarmouth Fire Rescue

Diagram of Residential Fires-Area of Origin in 2018

Number of Reports = 637; does not add up to 100% due to rounding)



2020 Residential Fires-Area of Origin



Observation: The number of fires in residences dropped 23% from 2018.

2020 Residential Fire Dollar Loss by Month

Note: this table is based on those incident reports that have residential dollar loss data. Due to the fact that many reports don't have dollar loss data completed, and only 62% of the state's fire departments submitted reports in 2020, the actual residential dollar loss numbers are probably much higher than the table's data indicate. The data is based on fire loss in structures using NFIRS codes.

	Property Loss	Contents Loss	Total Loss
January	\$709,392	\$282,147	\$991,539
February	\$2,750,317	\$591,276	\$3,341,593
March	\$2,589,103	\$1,202,860	\$3,791,963
April	\$2,068,370	\$790,546	\$2,858,916
May	\$967,705	\$263,160	\$1,230,865
June	\$1,579,514	\$626,515	\$2,206,029
July	\$1,753,402	\$470,256	\$2,223,658
August	\$715,730	\$223,000	\$938,730
September	\$1,023,853	\$301,427	\$1,325,280
October	\$632,771	\$84,361	\$717,132
November	\$810,851	\$292,860	\$1,103,711
December	\$1,681,911	\$550,321	\$2,232,232
Total	\$17,282,919	\$5,678,729	\$22,961,648

WILDLAND FIRES



Pictures provided by the Maine Forest Service

Maine Forest Service Wildland Fire Data

The Maine Forest Service (MFS) has, among other duties, responsibility for the detection, prevention and suppression of wildland fires. They are often the responding fire service in Maine’s unorganized townships. They also assist and help coordinate activities with Maine fire departments for organized town wildfires. The Office of State Fire Marshal is including the MFS Wildland fire data in our report to give a more complete picture of firefighting activities in the state. The Maine Office of State Fire Marshal appreciates the Maine Forest Services’ assistance with this portion of our annual report, and for their activities in general in the State of Maine.

2020 Wildland Fires Fought by the Maine Forest Service by Cause and Region

CAUSE	Southern Region		Central Region		Northern Region		Statewide	
	Fires	Acres	Fires	Acres	Fires	Acres	Fires	Acres
Lightning	22	22.4	20	15.5	5	3.0	47	40.9
Campfire	96	26.8	65	86.1	13	5.4	174	118.3
Smoking	36	6.6	24	6.8	4	239.2	64	252.6
Debris	170	81.9	104	87.0	23	23.1	297	192.0
Arson	32	47.4	23	16.9	2	1.3	57	65.6
Equipment	108	48.1	55	26.5	30	143.8	193	218.4
Railroad	21	16.4	10	9.6	0	0.0	31	26.0
Child	21	4.8	8	1.0	4	0.9	33	6.7
Misc.	83	51.8	26	8.9	8	5.2	117	65.8
Fireworks	12	1.7	7	3.3	1	0.1	20	5.1
Powerline	38	8.9	29	20.6	13	5.5	80	35.0
Structure	15	7.1	11	4.3	9	4.6	35	16.0
Under Invest.	0	0.0	6	4.5	0	0.0	6	4.5
Totals	654	323.9	388	291.0	112	432.1	1154	1,046.9

2020 Maine Fire Department Wildland Fire Locations

Number of reports with this data = 1,283

Description	Frequency
Rural (including farms >50 acres)	396
Urban, heavily populated areas	86
Rural/urban or suburban	620
Urban-wildland interface area	181

2020 Maine Fire Department Wildland Fire Causes

Number of reports with this data = 1,283

Description	Frequency
Other cause	173
Natural source	51
Equipment	24
Smoking	72
Open/outdoor fire	303
Debris, vegetation burn	156
Incendiary	11
Misuse of fire	37
Undetermined	225
Children	16
Fireworks	7
Campfire	150
Powerline	51
Structure	1

2020 Maine Fire Department Wildland Fire Heat Sources

(Chosen from all Heat Source data)

Description	Frequency
Spark, ember or flame from operating equipment	30
Radiated, conducted heat from operating equipment	8
Arcing	45
Blasting	2
Hot ember or ash	192
Heat, spark from friction	5
Fireworks	6
Incendiary device	11
Cigarette	56
Heat from undetermined smoking material	14
Match	95
Cigarette lighter	64
Flame/torch used for lighting	43
Spontaneous Combustion	7
Lightning	10
Heat from direct flame, convection currents	19
Flying brand, ember, spark	31
Sunlight	5
Molten, Hot Materials	2
Multiple heat sources	3
Radiated heat	4
Conducted heat from another fire	8
Undetermined	572

MOBILE PROPERTY FIRES



Orland firefighters extinguishing a late night fire in a car abandoned along Route 1 in East Orland, November 30, 2016. Photo by Captain Casey Soper

Mobile Property Dollar Loss in 2020

Number of reports with this data = 625

	Property Loss	Contents Loss	Total Loss
Jan	\$402,651	\$24,951	\$427,602
Feb	\$242,431	\$10,902	\$253,333
Mar	\$169,751	\$69,302	\$239,053
Apr	\$253,500	\$39,110	\$292,610
May	\$342,604	\$26,506	\$369,110
Jun	\$234,361	\$155,501	\$389,862
Jul	\$708,250	\$188,200	\$896,450
Aug	\$372,350	\$11,850	\$384,200
Sep	\$196,353	\$16,021	\$212,374
Oct	\$254,100	\$65,700	\$319,800
Nov	\$185,102	\$4,202	\$189,304
Dec	\$134,801	\$4,400	\$139,201
Total	\$3,496,254	\$616,645	\$4,112,899

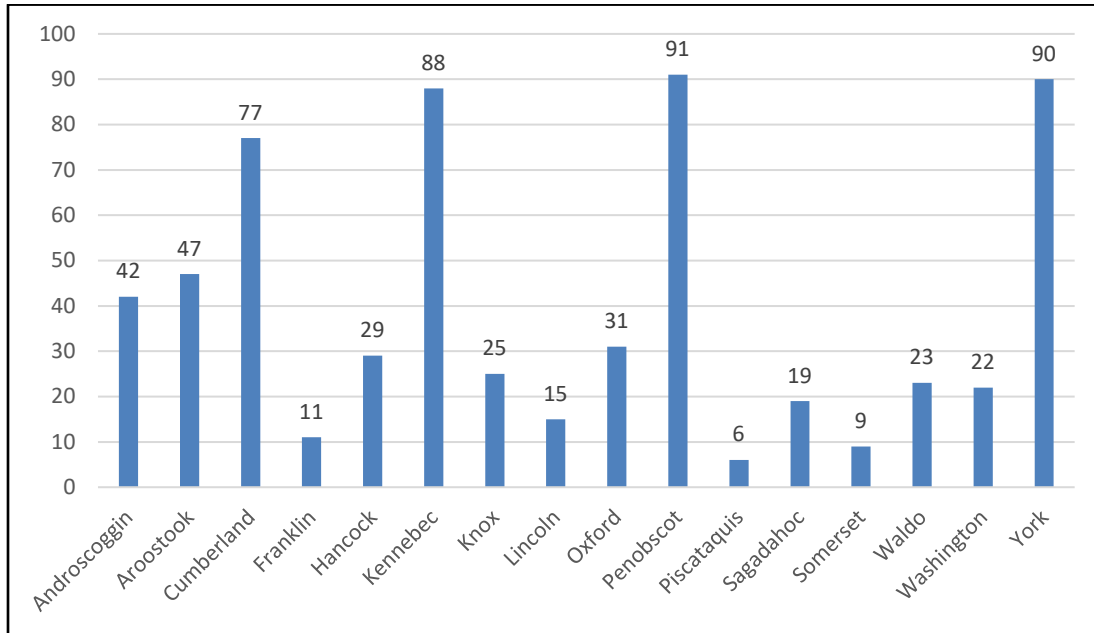
Mobile Property Affected by Fire in 2020

Number of reports with this data = 625

Description	Frequency
Mobile property, other	3
Passenger road vehicle, other	32
Passenger car.	272
Bus, school bus, trackless trolley	1
Off-road recreational vehicle	16
Motor home, camper, bookmobile.	13
Trailer - travel, designed to be towed	8
Trailer - camping, collapsible	2
Motorcycle, trail bike	8
Freight road transport vehicle, other	5
General use truck, dump truck, fire apparatus	13
Pickup truck, hauling rig (nonmotorized)	24
Trailer - semi, designed for freight	17
Garbage, waste, refuse truck	11
Box, freight, or hopper car - rail	1
Engine/locomotive - rail	2
Boat: shorter than 65 ft. with power	2
Personal water craft	1
Industrial, constr., agricultural vehicle, other	9
Construction vehicles	16
Loader - industrial, fork lift, tow motor, stacker	8
Agricultural vehicle, baler, chopper (farm use)	2
Timber harvest vehicle	2
Home, garden vehicle	21
None	4
Undetermined (conversion only)	2

2020 Mobile Property Fire Incidents by County

Number of reports with this data = 625



Fire in Farmington on March 4, 2017 at 22:58 at the Falls General Store. Farmington Fire-Rescue received mutual aid from 6 departments with 39 firefighters. The cause of the fire was determined to be arson.

Photo by Chief Terry Bell

HAZARDOUS MATERIALS



Cumberland Fire Department propane training.

Photo by Chief Dan Small

2020 Hazardous Materials Incidents

Number of reports with this data = 344

Haz Mat Materials Released	Frequency
Special hazmat actions required or spill \geq 55 gal	42
Natural gas: slow leak, no evac. or hazmat actions	13
Propane gas - Less than a 21 lb. tank	68
Gasoline - vehicle fuel tank or portable container	59
Kerosene - fuel burning equipment/portable storage	14
Diesel fuel/fuel oil - vehicle fuel tank/portable	49
Household/office solvent or chemical spill	6
Motor oil - from engine or portable container	91
Paint - spills less than 55 gallons	2

2020 Hazardous Materials Causes of Release

Number of reports with this data = 60

Cause	Frequency
Intentional	2
Unintentional	34
Container Failure	8
Under Investigation	1
Undetermined	15



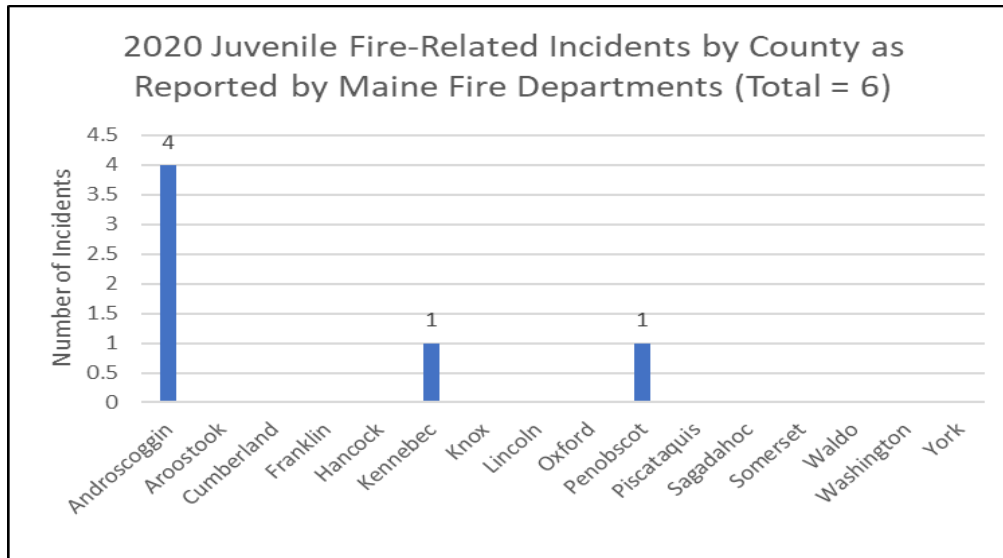
Levant Fire Department conducting hazmat training.

Photo provided by Chief Eric Strout

JUVENILE-RELATED INCIDENTS



Note: the data in the Juvenile-Related Incidents section is calculated on different queries than past annual reports, so a comparison between this data and previous annual report data should not be made.



2020 Juvenile-Related Incident Dollar Loss by County

County	Dollar loss
Androscoggin	\$5,900
Kennebec	\$7,000
Penobscot	\$500
Total	\$13,400

2020 Juvenile-Related Incidents by Incident Type

Incident Code	Incident Type	Number of Incidents
111	Building Fire	7

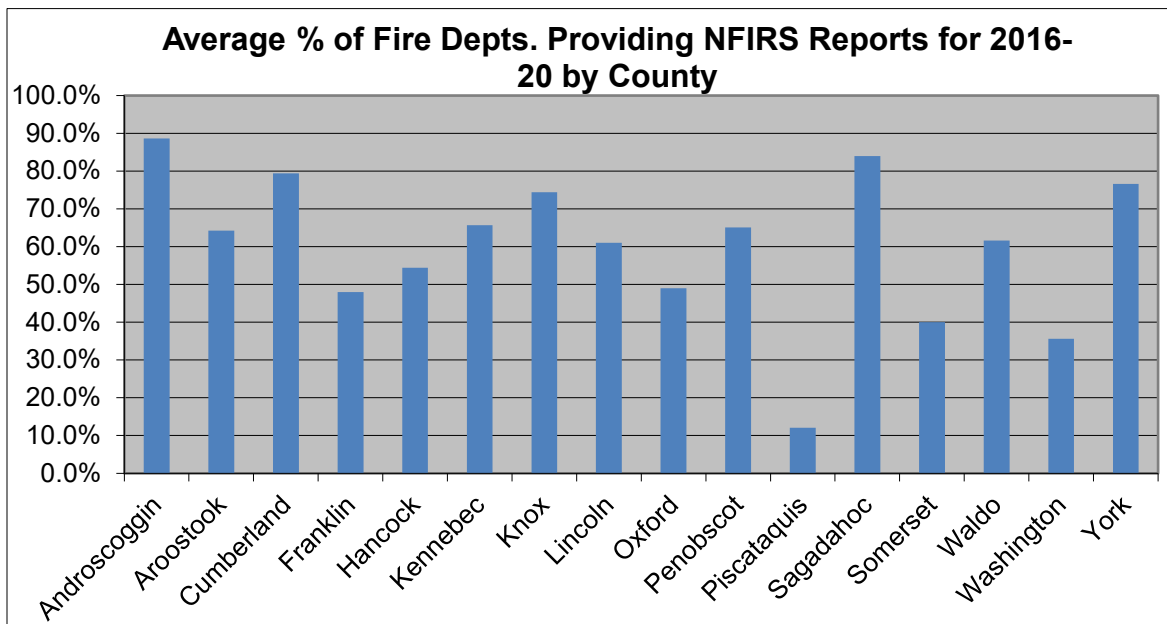
REPORTING HISTORY OF MAINE FIRE DEPARTMENTS FROM 2016 TO 2020



Maine fire departments report to the Maine State Fire Marshal's Office on their activities, as required by Maine statute Title 25 M.R.S. §2395. The data is validated by the Office for completeness and accuracy, and then exported to the U.S. Fire Administration's National Fire Incident Reporting System (NFIRS) for release to the fire service and public.

When fire departments submit data, they develop a data information warehouse regarding their department's response activities. This data can be very valuable if they need to justify a new truck, fire station or paid personnel; submit a grant application; or funds to support local fire prevention activities. Community risk reduction efforts can be targeted by using incident data to analyze where the community needs help.

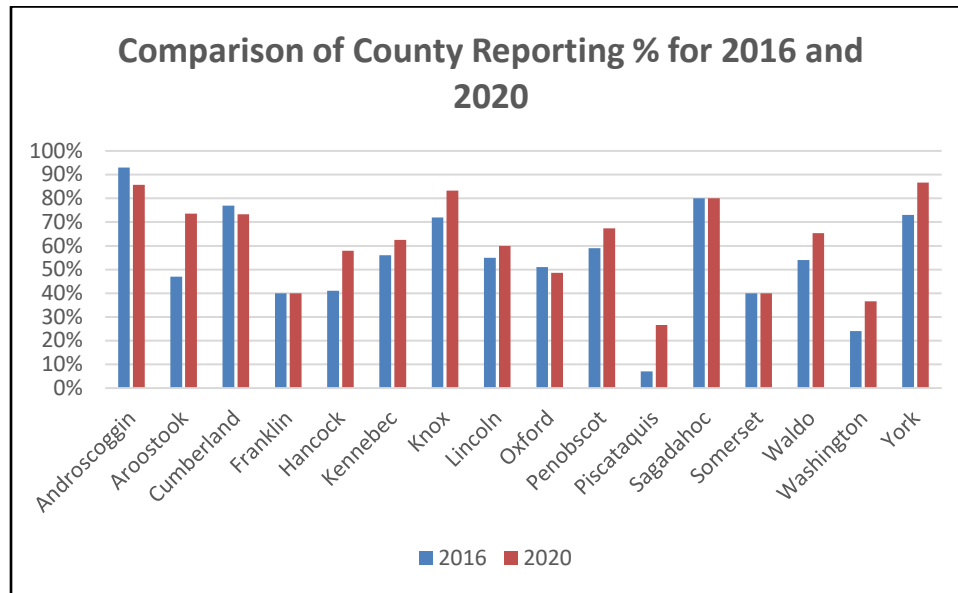
The following pages document recent reporting history for each Maine fire department from 2014 to 2018. Note: the data in these pages has changed from the 2017 annual report because several fire departments submitted additional data for previous years, inactive FDID numbers have been removed, and one FDID number was added in 2018. As a state, the average percentage of fire departments reporting to NFIRS has risen from 47% in 2014 to 62% in 2018. This is an encouraging trend.



Percentage of Maine Fire Departments (FDID) Reporting by County

County	Total # of FDID	2016	2017	2018	2019	2020
Androscoggin	14	93%	93%	100%	71.4%	85.7%
Aroostook	34	47%	71%	65%	64.7%	73.5%
Cumberland	30	77%	87%	83%	76.7%	73.3%
Franklin	20	40%	50%	55%	55.0%	40.0%
Hancock	38	41%	62%	61%	50.0%	57.9%
Kennebec	32	56%	69%	69%	71.9%	62.5%
Knox	18	72%	83%	67%	66.7%	83.3%
Lincoln	20	55%	65%	55%	70.0%	60.0%
Oxford	37	51%	54%	51%	40.5%	48.6%
Penobscot	49	59%	73%	63%	63.3%	67.3%
Piscataquis	15	7%	13%	7%	6.7%	26.7%
Sagadahoc	10	80%	80%	90%	90.0%	80.0%
Somerset	25	40%	40%	40%	40.0%	40.0%
Waldo	26	54%	62%	73%	53.8%	65.4%
Washington	41	24%	37%	44%	36.6%	36.6%
York	30	73%	77%	83%	63.3%	86.7%
Maine FDID % Reporting	438	53%	63%			
Maine FDID % Reporting	439 (1 FD added in 2018)	---	---	62%	57%	61%

*For specific information on which FDID in each county reported, see following pages of report. ** Total number of FDID numbers has been revised from previous annual reports, due to removal of inactive FDID numbers and addition of an FDID # in 2018



Individual Maine Fire Department Reporting Frequency from 2016 to 2020

Note: a “I” in a cell means the fire department submitted valid reports for that year and an asterisk in a cell means fewer than 5 valid reports were submitted for that year.

Fire department listings and percentages have been adjusted from past annual reports, due to several fire departments submitting data for previous years, inactive FDID numbers being removed, and an FDID number being added.

ANDROSCOGGIN COUNTY	FDID NUMBER	2016	2017	2018	2019	2020
Auburn	A0010	I	I	1	1	1
Durham	A2140	I	I	1	1	1
Greene	A2500	I	I	1	1	1
Leeds	A3010	I	I	1	1	1
Lewiston	A0160	I		1		1
Lisbon	A9100	I	I	1	1	1
Livermore	A3130	I	I	1	1	1
Livermore Falls	A3140	I	I	1	1	1
Mechanic Falls	A3340	I	I	1	1	
Minot	A3450		I	1	1	1
Poland	A4050	I	I	1	1	1
Sabattus	A5020	I	I	1	1	1
Turner	A4790	I	I	1		1
Wales	A4940	I	I	1	1	
Total reporting		13	13	14	12	12
Percent participation		93%	93%	100%	86%	86%

AROOSTOOK COUNTY	FDID NUMBER	2016	2017	2018	2019	2020
Allagash Plantation	B6000			*		
Ashland	B1160	I	I	1	1	1
Bridgewater	B1460	I	I	1	1	1
Caribou	B1670	I	I	1	1	1
Eagle Lake	B2160					1
East Plantation	B3303					
Easton	B2200	I	I	1	1	1
Fort Fairfield	B2360	I	I	1	1	1
Fort Kent	B2370	I	I	1	1	1
Frenchville	B2430	I	I	1	1	1
Grand Isle	B2520		*		1	1
Haynesville	B2690		*			1
Hodgdon	B2785					
Houlton	B2780	I	I	1	1	1
Island Falls	B2820				1	
Limestone	B3050	I	I	1	1	1
Linneus	B3090					
Littleton	B3120	I	I	1	1	1
Madawaska	B3220	I	I	1	1	1
Mapleton	B3260	I	I	1	1	1
Mars Hill	B3301		*			
Masardis	B3310					
Monticello	B3490		I	1	1	1
North Lakes	B7000	I	I	1		
Oakfield	B3760			*	1	1
Portage Lake	B4060		I			
Presque Isle	B4100	I	I	1	1	1
Reed Plantation	B6520					
Sherman	B4380		*	*	1	
Saint Agatha	B4250		I	1	1	1
Saint Francis Plantation	B6530	I	I	1	1	1
Stockholm	B4570					
Van Buren	B4830	I	I	1	1	1
Washburn	B4970		*	1	1	1
Total reporting		16	24	22	22	22
Percent participation		47%	71%	65%	65%	65%

CUMBERLAND COUNTY	FDID NUMBER	2016	2017	2018	2019	2020
Baldwin	C1220		I	1	1	1
Bridgton	C1470	I	I	1	1	1
Brunswick	C1550	I	I	1	1	1
Cape Elizabeth	C1660	I	I	1	1	1
Casco	C1710	I	I	1	1	1
Chebeague Island	C1975		*	1		
Cumberland	C1970	I	I	1	1	1
Cundy's Harbor	C1551		I	1	1	1
Falmouth	C2320	I		1	1	1

Cumberland continued on next page

CUMBERLAND COUNTY	FDID NUMBER	2016	2017	2018	2019	2020
Freeport	C2420					1
Frye Island	C4151	*				
Gorham	C2500			1	1	1
Gray	C2530			1	1	1
Harpswell Neck	C2541		*	1		1
Harrison	C2660			1	1	1
Long Island	C0191					
Naples	C3550			1	1	1
New Gloucester	C3590			1	1	1
North Yarmouth	C3740			1	1	1
Orr's/Bailey Island	C2540			1	1	1
Portland	C0190			1	1	1
Pownal	C4080			1		
Raymond	C4150			1	1	1
Scarborough	C4310			1	1	1
Sebago	C4340					
South Portland	C0240			1	1	1
Standish	C4530		*			
Westbrook	C0260			1	1	1
Windham	C5180			1	1	1
Yarmouth	C5300			1	1	1
Total reporting		23	26	25	22	24
Percent participation		77%	87%	83%	73%	80%

FRANKLIN COUNTY	FDID NUMBER	2016	2017	2018	2019	2020
Avon	D1200					
Carrabassett Valley	D7170					1
Carthage	D1700					
Chesterville	D1810			1	1	
Dallas Plantation	D6110					
Eustis	D2290					
Farmington	D2340			1	1	1
Industry	D2810		*			
Jay	D2860			1	1	1
Kingfield	D2930			1	1	1
Madrid	D3240					
New Sharon	D3640			1	1	1
New Vineyard	D3660			1	1	
Phillips	D4000			1		
Rangeley	D4140				1	
Salem Township	D4650	*		1	1	
Strong	D4620			1	1	1
Temple	D4700			1	1	1
Weld	D5030		*		1	
Wilton	D5170			1	1	1
Total reporting		8	10	11	12	8
Percent participation		40%	50%	55%	60%	40%

HANCOCK COUNTY	FDID NUMBER	2016	2017	2018	2019	2020
Amherst	E1090					
Aurora	E1190			1	1	1
Bar Harbor	E1240			1	1	1
Bar Harbor Airport *joined in 2018	E1300			*	1	
Blue Hill	E1370					
Brooklin	E1490			1	1	1
Brooksville	E1510					
Bucksport	E1570			1	1	1
Castine	E1720	*		1	1	1
Cranberry Isles	E1721					1
Dedham	E2050			1	1	1
Deer Isle	E2051			1	1	1
Eastbrook	E2170					
Ellsworth	E0110				1	1
Franklin	E2390	*		1	1	1
Frenchboro	E6321					
Gouldsboro	E2510			1	1	1
Hancock	E2610					
Islesford	E2710	*	*	*		1
Lamoine	E2980			1	1	1
Mariaville	E3270			1	1	1
Mount Desert	E3530			1	1	1
Orland	E3800			1	1	1
Osborn	E6480	*	*		1	1
Otis	E3840					
Penobscot	E3960	*				
Sedgwick	E4360			1	1	1
Sorrento	E4460			1	1	1
Southwest Harbor	E4510			1	1	1
Stonington	E4600					
Sullivan	E4630			1	1	1
Surry	E4650					
Swans Island	E7310					
Tremont	E4750			1		
Trenton	E4760			*		
Verona	E4870					
Waltham	E4950					
Winter Harbor	E5220		*	1	1	1
Total reporting		15	23	23	21	22
Percent participation		41%	62%	61%	55%	58%

KENNEBEC COUNTY	FDID NUMBER	2014	2015	2016	2017	2018	2019	2020
Albion	F1040					1	1	1
Augusta	F0020					1	1	1
Belgrade	F1280					1	1	1
Benton	F1310		*					
Chelsea	F1780						1	1
China	F1820							
Clinton	F1840					1	1	1
Farmingdale	F2330			*		1	1	1
Fayette	F2350		*					
Gardiner	F0140					1	1	1
Hallowell	F0150					1	1	1
Litchfield	F3110					1	1	1
Manchester	F3200							
Monmouth	F3460					1	1	
Mount Vernon	F3540	*				1		
Oakland	F3770					1	1	1
Pittston	F4030					1	1	1
Randolph	F4130					1	1	1
Readfield	F4160		*			1	1	1
Rome	F4210					1	1	1
Sidney	F4400				*		1	1
South China	F1821							
Togus	F1790							
Vassalboro	F4850					1	1	1
Vienna	F4880						1	
Waterville	F0250					1	1	1
Wayne	F5010					1	1	1
Weeks Mills	F1822							
West Gardiner	F5090				*	*	1	
Windsor	F5190					1	1	1
Winslow	F5210					1	1	1
Winthrop	F5240					1	1	1
Total reporting		20	19	18	22	22	24	21
Percent participation		63%	59%	56%	69%	69%	75%	66%

KNOX COUNTY	FDID NUMBER	2016	2017	2018	2019	2020
Appleton	G1130		*	1	1	1
Camden	G1630			1	1	1
Cushing	G1980				1	1
Friendship	G2440					1
Hope	G2770			1	1	1
Isle Au Haut	G2830					
Matinicus Isle	G6360					
North Haven	G3710					
Owl's Head	G3860	*	*			

Knox County continued on the next page

KNOX COUNTY	FDID NUMBER	2016	2017	2018	2019	2020
Rockland	G0210			1	1	1
Rockport	G4200			1	1	1
Saint George	G4270			1	1	1
South Thomaston	G4500			1	1	1
Thomaston	G4710			1	1	1
Union	G4800			1	1	1
Vinalhaven	G4890			1	1	1
Warren	G4960			1	1	1
Washington	G4980			1	1	1
Total reporting		13	15	12	13	14
Percent participation		72%	83%	67%	72%	78%

LINCOLN COUNTY	FDID NUMBER	2016	2017	2018	2019	2020
Alna	H1070				1	
Boothbay	H1400					1
Boothbay Harbor	H1390					
Bremen	H1450			1	1	1
Bristol	H1480			1	1	1
Damariscotta	H2000			1	1	1
Dresden	H2130			1	1	1
Edgecomb	H2220			1	1	1
Jefferson	H2870			1	1	1
Mohegan	H6390	*				
New Harbor	H1481					
Newcastle	H3570			1	1	
Nobleboro	H3670			1	1	1
Somerville	H4450			1	1	1
South Bristol	H4480					
Southport	H4490					
Waldoboro	H4930				1	1
Westport Island	H5110				1	
Whitefield	H5122			1	1	1
Wiscasset	H5250			1	1	1
Total reporting		11	13	11	14	12
Percent participation		55%	65%	55%	70%	60%

OXFORD COUNTY	FDID NUMBER	2016	2017	2018	2019	2020
Andover	I1110				1	1
Bethel	I1330			1	1	1
Brownfield	I1530			1	1	1
Buckfield	I1560			1	1	1
Byron	I1610					
Canton	I1650					1
Denmark	I2060					

Oxford County continued on the next page

OXFORD COUNTY	FDID NUMBER	2016	2017	2018	2019	2020
Dixfield	I2100			1	1	1
Fryeburg	I2450			1	1	1
Gilead	I2480		*	*	1	1
Greenwood	I2580					
Hanover	I2620					
Hartford	I2670					
Hebron	I2700					
Hiram	I2730					
Lincoln Plantation	I6310					
Locke Mills	I1360					
Lovell	I3150			1	1	1
Magalloway Plantation	I6340					
Mexico	I3400			1	1	1
Newry	I3630			1	1	
Norway	I3500			1	1	1
Otisfield	I3850			1	1	1
Oxford	I3870			1	1	1
Paris	I3900			1	1	1
Peru	I3990				1	1
Roxbury	I4230					
Rumford	I4240			1	1	1
Saco Valley	I4250			1		
South Hiram	I2735			1		
Stoneham	I4590					
Sumner	I4640					
Sweden	I4680			1	1	
Waterford	I3160					
West Bethel	I1340					
West Paris	I5600			*		
Woodstock	I5270			1	1	1
Total reporting		19	20	19	18	17
Percent participation		51%	54%	51%	49%	46%

PENOBSCOT COUNTY	FDID NUMBER	2016	2017	2018	2019	2020
Alton	J1080		*			
Bangor	J0030			1	1	1
Bradford	J1430				1	
Bradley	J1440			1	1	1
Brewer	J0070			1	1	1
Burlington	J1580			1	1	1
Carmel	J1680	*		1	1	1
Charleston	J1760			1		1
Corinna	J1900					
Corinth	J1910			1	1	1

Penobscot County continued on next page

PENOBSCOT COUNTY	FDID NUMBER	2016	2017	2018	2019	2020
Dexter	J2090					
Dixmont	J2110			1	1	1
East Millinocket	J2190				1	1
Eddington	J2210			1	1	1
Etna	J3612	*		1	1	1
Garland	J2460					
Glenburn	J2490			1	1	1
Greenbush	J2540			1	1	1
Hampden	J2600			1	1	1
Hermon	J2710			1		1
Holden	J2750			1	1	1
Howland	J2790			1	1	1
Hudson	J2800			1	1	1
Kenduskeag	J2900			1	1	1
Kingman	J2950		*	*	1	
Lagrange	J2970					
Lee	J3000					
Levant	J3020			1	1	1
Lincoln	J3070					
Lowell	J3160			1	1	1
Mattawamkeag	J3320			1	1	1
Medway	J3370			1	1	1
Milford	J3420			1	1	1
Millinocket	J3430		*			
Mount Chase	J3440					
Newburg	J3560			1	1	1
Newport	J3610	*		1	1	1
Old Town	J0180			1	1	
Orono	J3820				1	1
Orrington	J3830			1	1	1
Passadumkeag	J3930	*				
Patten	J3940					
Penobscot Nation	J0181					
Plymouth	J4040			1	1	1
Sebois Plantation	J5090					
Springfield	J4520	*		*	1	1
Staceyville	J6580					
Stetson	J4550					
Veazie	J4860			1	1	1
Total reporting		29	36	31	32	31
Percent participation		59%	73%	63%	65%	63%

PISCATAQUIS COUNTY	FDID NUMBER	2016	2017	2018	2019	2020
Atkinson	K1180					
Blanchard Plantation	K1360					
Bowerbank	K1420					
Brownville	K1540					
Dover-Foxcroft	K2120		1		1	1
Elliotsville Plantation	K6160					
Greenville	K2570					
Lakeview Plantation	K6270					
Milo	K3440					1
Monson	K3480				1	1
Parkman	K3910					
Sangerville	K4300					
Sebec	K4350					
Wellington	K5040	*	*	*	1	1
Willimantic	K5160					
Total reporting		1	2	1	3	4
Percent participation		7%	13%	7%	20%	27%

SAGADAHOC COUNTY	FDID NUMBER	2016	2017	2018	2019	2020
Arrowsic	L1150					
Bath	L0040	1	1	1	1	1
Bowdoin	L1400	1	1	1	1	1
Bowdoinham	L1410	1	1	1	1	1
Georgetown	L2470	*	1	1	1	1
Phippsburg	L4010			*	1	
Richmond	L4170	1	1	1	1	1
Topsham	L4740	1	1	1	1	1
West Bath	L5070	1	1	1	1	1
Woolwich	L5290	1	1	1	1	1
Total reporting		8	8	9	9	8
Percent participation		80%	80%	90%	90%	80%

SOMERSET COUNTY	FDID NUMBER	2016	2017	2018	2019	2020
Anson	M1120					
Athens	M1170					
Bingham	M1340	1	1	1	1	1
Cambridge	M0620					
Canaan	M1640			1	1	1
Cornville	M1930					
Detroit	M2080	1	1	1	1	1
Fairfield	M2310	1	1	1	1	1
Harmony	M2630	1	1			
Hartland	M2680					

Somerset County continued on next page

SOMERSET COUNTY	FDID NUMBER	2016	2017	2018	2019	2020
Highland-Lexington	M3625					
Jackman-Moose River	M6250					
Madison	M3230			1	1	1
New Portland	M3620					
Norridgewock	M3680		*	1	1	1
Pittsfield	M4020			1	1	1
Pleasant Ridge Plantation	M6500					
Ripley	M4180					
Rockwood	M2571				1	1
Saint Albans	M4260			1		
Skowhegan	M4410			1	1	1
Smithfield	M4420			1	1	1
Solon	M4440					
Starks	M4540					
West Forks	M6041					
Total reporting		10	10	10	10	10
Percent participation		40%	40%	40%	40%	40%

WALDO COUNTY	FDID NUMBER	2016	2017	2018	2019	2020
Belfast	N0050			1	1	1
Belmont	N1290					
Brooks	N2860			1	1	1
Burnham	N1590					
Frankfort	N2380			1	1	1
Freedom	N2400			*		1
Isleboro	N2840	*	*	1	1	1
Jackson	N2850			*		
Knox	N2960					
Liberty	N3030			*	1	1
Lincolnton	N3080			1	1	
Monroe	N3470			1	1	1
Montville	N3500			1	1	1
Morrill	N3510					
Northport	N3730			1	1	1
Palermo	N3880					1
Prospect	N4120			1		
Searsmont	N4320			1	1	1
Searsport	N4330					
Stockton Springs	N4580					
Thorndike	N4720			1	1	1
Troy	N4780			1	1	1

Waldo County continued on the next page

WALDO COUNTY	FDID NUMBER	2016	2017	2018	2019	2020
Unity	N4810			1	1	1
Waldo	N4920			*	1	1
West Frankfort	N2381			1	1	1
Winterport	N5230			1	1	1
Total reporting		14	16	19	16	17
Percent participation		54%	62%	73%	62%	65%

WASHINGTON COUNTY	FDID NUMBER	2016	2017	2018	2019	2020
Addison	P1020			1	1	1
Alexander	P1220			1	1	1
Baileyville	P1210			1	1	1
Baring	P1250					
Beals Island	P1260					
Beddington	P1270		*		1	1
Calais	P0090			1	1	1
Centerville	P1740					
Charlotte	P1170			1	1	1
Cherryfield	P1790					
Columbia Falls	P1861					
Cooper	P1890					
Cutler	P1990	*				
Danforth	P2010			1	1	
Dennysville	P2070					
Dublois	P2030					
East Machias	P2180			1	1	1
Eastport	P0100					
Epping	P1860					
Grand Lake Stream Plantation	P6210			*		
Harrington	P2650			1	1	
Jonesboro	P2880			1		
Jonesport	P2890					
Lubec	P3170					
Machias	P3200			*		
Machiasport	P3210			1	1	1
Marshfield	P3290			*		
Meddybemps	P3350					
Milbridge	P3410				1	1
Northfield	P3700					
Passamaquoddy Fire & Rescue	P6220			1	1	1
Pembroke	P3950					
Perry	P2980					

Washington County continued on next page

WASHINGTON COUNTY	FDID NUMBER	2016	2017	2018	2019	2020
Pleasant Point	P0101			1		
Princeton	P4110			1	1	1
Robbinston	P4190				1	1
Steuben	P4560			1	1	1
Vanceboro	P4840					
Wesley	P5060					1
Whiting	P5130			1	1	1
Whitneyville	P5140					
Total reporting		10	15	18	16	15
Percent participation		24%	37%	44%	39%	37%

YORK COUNTY	FDID NUMBER	2016	2017	2018	2019	2020
Acton	R1010			1	1	1
Alfred	R1060			1	1	1
Arundel	R3720			1	1	
Berwick	R1320			1	1	1
Biddeford	R0060			1	1	1
Buxton	R1600			1	1	1
Cornish	R1920				1	1
Dayton	R2020					
Eliot	R2250			1	1	1
East Branch	S4320					1
Goodwin's Mills	R3191			1	1	1
Hollis	R2760			1	1	
Kennebunk	R2910			1	1	1
Kennebunkport	R2920				1	1
Kezar Falls	R5200					
Kittery	R2950			1	1	1
Lebanon	R2990			1	1	1
Limerick	R3040			1	1	1
Limington	R3060			1	1	1
Lyman	R3190			1		
Newfield	R3580			1		1
North Berwick	R3690			1	1	1
Ogunquit	R5052			1	1	1
Old Orchard Beach	R3780			1		1
Saco	R0230			1	1	1
Sanford	R4290			1	1	1
Shapleigh	R4370				1	1
South Berwick	R4470			1	1	
Waterboro	R4990				1	1
Wells	R5050			1	1	1
York County	R5309					
York Village	R5311			1	1	1
York Beach	R5310	*		1	1	1
Total reporting		22	23	25	26	26
Percent participation		73%	77%	83%	79%	79%

GLOSSARY OF TERMS

Alarm: Any notification made to the fire department that a situation exists or may exist that requires a response.

Area of Origin: The room or area within the property where the fire originated.

Automatic: As applied to fire protection devices, a device or system providing an emergency function without the necessity of human intervention.

Automatic Extinguishing System: A system that controls and extinguishes fires without the need for human intervention.

Building: A structure enclosed with walls and a roof and having a defined height.

Building Code Type: Building code classification of the building involved in the incident.

Building Fire (also Structure Fire): Any fire occurring inside or involving a building. A building fire may be a wastebasket, a mattress fire, or a roof fire; whether or not structural members were actually involved.

Casualty (fire): A person who is injured or killed at the scene of a fire. (This includes injuries or deaths from natural or accidental causes sustained while involved in the activities of fire control, rescue attempt, or escaping from the dangers of the fire).

Combustible: A material or structure that will release heat energy on burning.

EMS: Emergency Medical Services

Fatality: An injury that is fatal or becomes fatal within 1 year of the incident.

Fire: Any instance of destructive and uncontrolled burning, including explosion, of combustible solids, liquids, or gases. Fire does not include the following, except where they cause fire or occur as a consequence of fire:

- Lightning or electrical discharge
- Rupture of a steam boiler, hot water tank, or other pressure vessel due to internal pressure and not to internal combustion.
- Explosion of munitions or other detonating material.
- Accident involving ship, aircraft, or other vehicle.
- Overheat condition.

FDID: A unique five-character identifier assigned by the State to identify a particular fire department within the State. This identifier may also identify the county, fire district, or other jurisdiction in which the fire department is located. It is used to identify incident data that have been collected and reported by individual fire departments.

Hazardous Material: Any material that is an air-reactive material, flammable, or combustible liquid, flammable gas, corrosive material, explosive material, organic peroxide, oxidizing material, radioactive material, toxic material, unstable material or reactive material, and any substance or mixture of substances that is an irritant, a strong sensitizer, or that generates pressure through exposure to heat, decomposition, or other means.

Ignition: The physical and chemical processes involved in reaching a point of self-perpetuation of fire whether or not there is an open flame.

Incident: An event to which the reporting agency responds or should have responded. Included are “walk-ins” treated at the station. An incident may have more than one response. A rekindle is a separate incident.

Incident Report: A document prepared by fire department personnel about a particular incident. For understanding and legal purposes, this report should be in their own words. For summarization purposes, the information on this report can be classified into broad categories. The incident report is always part of the incident record or file.

Mobile Property Type: Property that was designed to be movable whether or not it still is (e.g. vehicles, ships, and airplanes).

Mutual Aid: Assistance provided under a written agreement that establishes general guidelines and procedures for providing and receiving assistance between fire departments. (Requested in addition to initial dispatch)

Structure Fire (Residential & Commercial): Any fire inside a structure or on, under or touching a structure. A structure fire may be an automobile fire in a tunnel, a leaking flange in a refinery tower, or a building.

Wildland: Land in an uncultivated, more or less natural state, and covered by timber, woodland, brush or grass. An area in which development is essentially nonexistent except for roads, railroads, power lines, and similar facilities.

Wildland Fire: Any fire involving vegetative fuels, other than prescribed fire, that occurs in the wildland. A wildland fire may expose and possibly consume structures.

Other:

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