



State Fire Report – October 2021
 OFFICE OF ATTORNEY GENERAL
 NORTH DAKOTA STATE FIRE MARSHAL
 Issued 11/15/2021

Fires reported in the month..... 125

- Structure Fires 46
- Vehicle Fires 27
- Other Fires 52

2021 Monthly Fire Counts

Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
128	151	451	461	410	424	448	386	207	125			3,191

Dollar loss attributed to fire year to date..... \$44,693,352.00

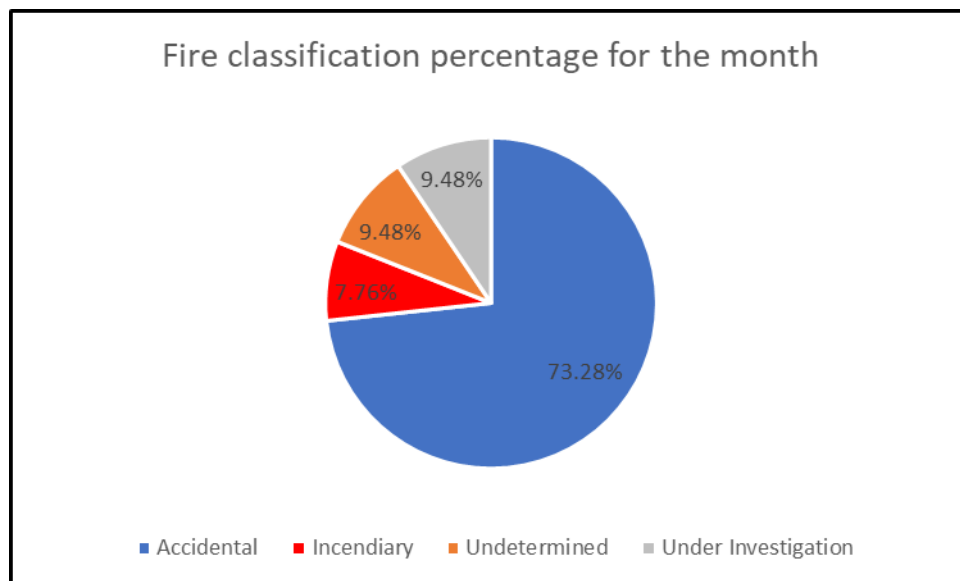
Total incidents reported for the month..... 2,594

Most reported fire type for the month

- Building fires 19.20%
- Grass fire 9.60%
- Cooking fire, confined to container 9.60%
- Off-road vehicle or heavy equipment fire 9.60%

Most reported heat source for the month

- Radiated, conducted heat from operating equipment 7.76%
- Undetermined 40.52%



Injuries and Fatalities Caused by Fire	Month	Year to date
Civilian fire casualties	1	6
Civilian fire injuries	0	17
Fire service injuries	0	7

Percentage of fire departments reporting for the month 30%

Incident totals by type year to date 2021

Fires	Rupture/ explos.	Rescue (EMS)	Hazardous Conditions	Service	Good Intent	Severe Weather	Special Incident	False Calls	Total
3,191	71	22,631	1,281	2,080	3,712	21	224	3,778	36,989

Update from the State Fire Marshal's Office:

We have officially moved! Our new address is North Dakota State Fire Marshal's Office 1720 Burlington Dr. Suite B, Bismarck, ND 58504. We no longer have a fax number, so all communication must come directly through mail, email, or phone. We share our new location with four other divisions of the Attorney General's Office. Next time you are in town please stop by and we will give you a tour.

The Certificate of Existence (CoE) program has officially opened for the year. Please follow the instructions on the CoE emails and set up an online account. By using the online portal and form, your information will be carried over every year and require less data entry in future years.

I am pleased to announce that Marcy Ost has taken the position of Administrative Assistant III at the State Fire Marshal's Office. You may already know Marcy as she has been with our office since March of this year. Marcy has had a great first year with our office and we expect her to continue this in her new role. Please help us congratulate and welcome Marcy into this new role within the office and the ND Fire Service.

The public education and outreach for this month is provided by the United States Fire Administration. Please remind your communities to be vigilant around this holiday with candles, cooking, distractions and other possible fire hazards.

Thank you,
Douglas Nelson
ND State Fire Marshal

Public education and outreach for the month:

More public education resources can be found on the following organizations websites.

United States Fire Administration: <https://www.usfa.fema.gov/index.html>

National Fire Protection Association: www.nfpa.org

Consumer Product Safety Commission: <https://www.cpsc.gov/Safety-Education/Safety-Education-Centers/Fire-Safety-Information-Center>

NFIRS Data Snapshot

November 2021



Thanksgiving Day Fires in Residential Buildings (2017-2019)

Although voluntary, the National Fire Incident Reporting System (NFIRS) is the world's largest national, annual database of fire incident information. By contributing to the NFIRS, the fire service is helping in making data-based decisions from local budget development to the identification of national preparedness initiatives. It is important that fire departments participate in the NFIRS and critical that the data they report is complete and accurate so that sound decisions can be made.

For each year from 2017 to 2019, an estimated average of 2,300 residential building fires were reported to fire departments in the U.S. on Thanksgiving Day. These fires caused an estimated annual average of 5 deaths, 25 injuries and \$26 million in property loss.¹

Loss measures for Thanksgiving Day and non-Thanksgiving Day fires in residential buildings (3-year average, 2017-2019)

Loss measure	Thanksgiving Day fires in residential buildings	Non-Thanksgiving Day fires in residential buildings
Average loss:		
Fatalities/1,000 fires	1.9	6.2
Injuries/1,000 fires	11.1	25.5
Dollar loss/fire	\$9,570	\$18,770

Source: NFIRS 5.0.

The average number of reported residential building fires on Thanksgiving Day was more than double (2.3 times more) the average number of fires in residential buildings on all other days. The average losses for these fires, however, were less than the same measures for non-Thanksgiving Day fires in residential buildings.²

Cooking fires in residential buildings occurred more often on Thanksgiving Day than any other day of the year. Cooking was, by far, the leading cause of all Thanksgiving Day fires in residential buildings at 74% followed by heating at 8%. By comparison, cooking was the cause of 51% of residential building fires that occurred on all days of the year other than Thanksgiving.

Causes of Thanksgiving Day fires in residential buildings (2017-2019)



Source: NFIRS 5.0.

Note: Percent of Thanksgiving Day fires in residential buildings with sufficient data to determine cause.