

# 2018 FIRE IN MINNESOTA



**STATE FIRE MARSHAL**





The mission of the State Fire Marshal Division is to protect lives and property by fostering a fire-safe environment through investigation, enforcement, regulation, data collection and public education.

# **FIRE IN MINNESOTA**



## **The Minnesota Department of Public Safety State Fire Marshal Division**

Statistical data pertaining to all fire-related incidents  
in the state of Minnesota for the year 2018.

This report is also available as a PDF at [sfm.dps.mn.gov](http://sfm.dps.mn.gov)

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## Fire in Minnesota 2018 highlights

- Store and office property dollar loss went up over 200 percent from last year.
  - There was one \$4.5 sorting facility fire and one \$3.8 multi-commercial fire.
- Incendiary fires were at their lowest at 730 — a 30 percent decrease from 2017.
- Alcohol or drug use was a factor in 49 percent of all fire deaths in 2018.
- The number of structure (building) fires is similar to recent past years.
- Total dollar loss from fire is similar to recent past years.
- Overall fire department responses are up.
- Mutual aid responses are up.





## From the State Fire Marshal

Welcome to the 2018 Fire in Minnesota Report, which includes data provided by more than 99 percent of Minnesota's fire departments.

If you pay close attention to these reports, you may have already noticed a trend: Some of the data in key categories — the number of structure fires and the total dollar loss from fire, for example — hardly varies. When it comes to fire deaths, change is obviously welcome. We want those numbers to drop. And that's what happened in 2018.

But what about the other numbers? I was recently reading a medical report where the doctor described his examination of the patient's area of pain as "unremarkable." In the medical world, this often means that the condition is unlikely to be noticed or is very common or ordinary. In many ways, Fire in Minnesota 2018 is "unremarkable" — or is it?

While the number of fires and fire loss is very similar to recent past years, there is nothing ordinary or "unremarkable" if one of these fires impacted you or a member of your family. We talk about that in some detail in the section on fatalities (see pages 22 and 23). There is nothing ordinary about the number of firefighters and investigators who have developed cancer.

If fires continue at their present and apparently "ordinary" rate, we are not doing enough in terms of fire prevention. Sure, we have dramatically reduced fire deaths and the number of catastrophic fires over the years. But have we now decided that we have done enough and that fire is simply an "unremarkable" or "ordinary" event? I hope not.

I hope you look at these seemingly ordinary numbers and they motivate you to make change in your community. Minnesotans deserve remarkable, not unremarkable, service from us all.

Thank you,

A handwritten signature in black ink that reads "Bruce West". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Bruce West  
State Fire Marshal  
651-201-7201  
bruce.west@state.mn.us

A photograph of a campfire burning brightly in a tent at night. The fire is the central focus, with bright yellow and orange flames rising from a pile of logs. The tent's interior is visible, with various items like a sleeping bag and a blanket scattered around. The background is dark, with some faint lights visible outside the tent. A large, semi-transparent red shape is overlaid on the top left corner of the image. The text "TOTAL IMPACT" is written in a bold, red, sans-serif font with a yellow outline, centered over the fire.

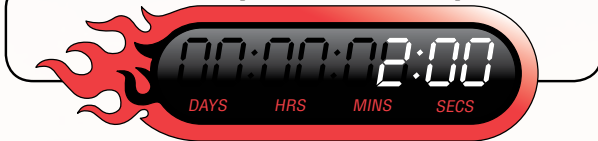
**TOTAL  
IMPACT**

# MINNESOTA FIRE CLOCK

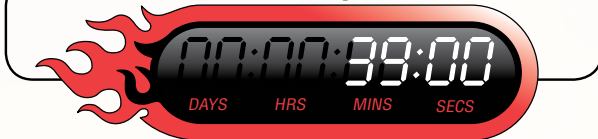
## Frequency of Responses as Reported 2018

These figures represent the collective incidents reported by 771 of Minnesota's 776 fire departments.

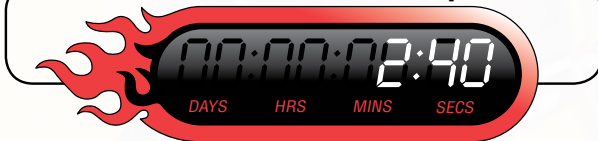
*One Fire Department Response*



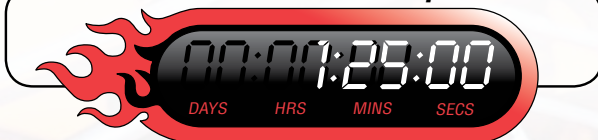
*One Fire Reported*



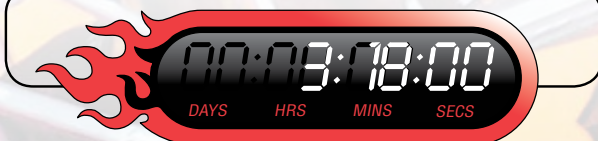
*One EMS/Rescue Run Reported*



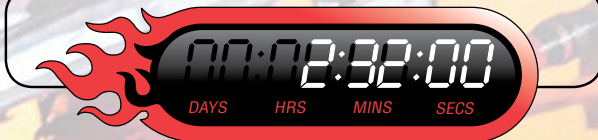
*One Structure Fire Reported*



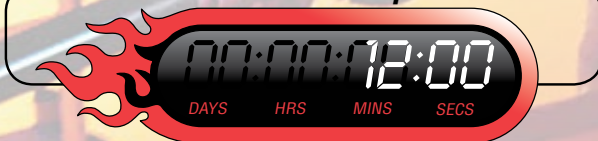
*One Rural Structure Fire*



*One Metro Structure Fire*



*One Arson Fire Reported*



## Fire Loss in Minnesota

**\$ 613,316 / Day**

**\$ 26,180 / Hour**

**\$ 436 / Minute**



In 2018, 771 of the state's 776 fire departments (99 percent of all Minnesota's fire departments) reported through the Minnesota Fire Incident Reporting System (MFIRS), which collects information on fires and related activities. More information about fire department participation begins on page 35.

The total number of fire incidents reported by participating Minnesota fire departments in 2018 was 12,929 — a 4 percent decrease from 2017. The number of responses by the fire service increased by 2 percent in 2018 to almost 310,000 (309,652).

<b>2018 REPORTED FIRE DEPARTMENT RESPONSES</b>					
Incidents Reported	Seven County Metro Area	% State Total	Balance of State	% State Total	State Total
Structure Fires	3,473	57	2,657	43	6,130
Vehicle Fires	1,225	47	1,371	53	2,596
Other Fires	1,732	41	2,471	59	4,203
<b>TOTAL FIRES</b>	<b>6,430</b>	<b>50</b>	<b>6,499</b>	<b>50</b>	<b>12,929</b>
Rescue/EMS Calls	132,951	68	63,220	32	196,171
False Calls	19,457	72	7,751	28	27,208
Mutual Aid Given	2,829	44	3,556	56	6,385
Other Incidents	42,886	64	24,073	36	66,959
<b>TOTAL CALLS</b>	<b>204,553</b>	<b>66</b>	<b>105,099</b>	<b>34</b>	<b>309,652</b>
<b>ESTIMATED DOLLAR LOSS DUE TO FIRE</b>	<b>\$95,286,159</b>	<b>42%</b>	<b>\$134,049,176</b>	<b>58%</b>	<b>\$229,335,335</b>

Total dollar loss increased by over \$5 million (2 percent) from 2017. Among the calls that increased in 2018 were rescue/EMS calls, good intent calls and hazardous conditions calls.

## OVERALL INCIDENT COMPARISONS

Incidents Reported	2014	2015	2016	2017	2018	% Change 2017 – 2018
<b>Fires</b>						
Structure	6,242	6,099	6,020	6,165	6,130	(1%)
Vehicle	2,683	2,529	2,649	2,604	2,596	(<1%)
Other Fires	3,781	5,500	4,666	4,687	4,203	(10%)
<b>TOTAL FIRES</b>	<b>12,706</b>	<b>14,128</b>	<b>13,335</b>	<b>13,456</b>	<b>12,929</b>	<b>(4%)</b>
Overpressure Ruptures	484	479	587	581	674	16%
Rescue/EMS Calls	162,059	174,433	183,545	193,472	196,171	1%
Hazardous Condition Calls	11,118	11,188	11,815	11,760	12,939	10%
Service Calls	15,674	16,864	18,367	19,423	18,994	(2%)
Good Intent Calls	25,157	25,507	30,090	32,429	33,616	4%
<b>False Calls</b>						
Malicious	1,344	1,300	1,429	1,478	1,469	(1%)
Other False	25,425	25,522	25,439	24,620	25,739	5%
<b>TOTAL FALSE CALLS</b>	<b>26,769</b>	<b>26,822</b>	<b>26,868</b>	<b>26,098</b>	<b>27,208</b>	<b>4%</b>
Mutual Aid Given	5,842	5,706	5,699	6,011	6,385	6%
All Other	861	839	1,180	941	736	(22%)
<b>TOTAL CALLS</b>	<b>260,670</b>	<b>275,966</b>	<b>291,456</b>	<b>304,171</b>	<b>309,652</b>	<b>2%</b>
<b>TOTAL DOLLAR LOSS (Millions)</b>	<b>\$225.7</b>	<b>\$223.6</b>	<b>\$259.1</b>	<b>\$223.9</b>	<b>\$229.3</b>	<b>2%</b>

Structure fires continue to occur most frequently in residential property, including houses, apartments, boarding houses, dorms, hotels/motels, etc. In each of the last five years, an average of 4,691 fires have occurred in residential structures. These figures indicate that each year, one residential structure fire occurs for every 1,174 residents.

STRUCTURE FIRES BY PROPERTY TYPE						
Structure Type	2014	2015	2016	2017	2018	% Change 2017-2018
Residential	4,820	4,675	4,621	4,623	4,714	2%
Educational/Institutional	155	183	175	186	231	24%
Public Assembly/Commercial	336	316	315	355	392	10%
Industrial/Manufacturing	212	199	202	191	175	(1%)
Storage	512	474	483	543	394	(27%)
Special/Other	169	207	180	208	170	(18%)
Unclassified	38	45	44	59	154	(8%)
<b>TOTAL</b>	<b>6,242</b>	<b>6,099</b>	<b>6,020</b>	<b>6,165</b>	<b>6,130</b>	<b>(1%)</b>

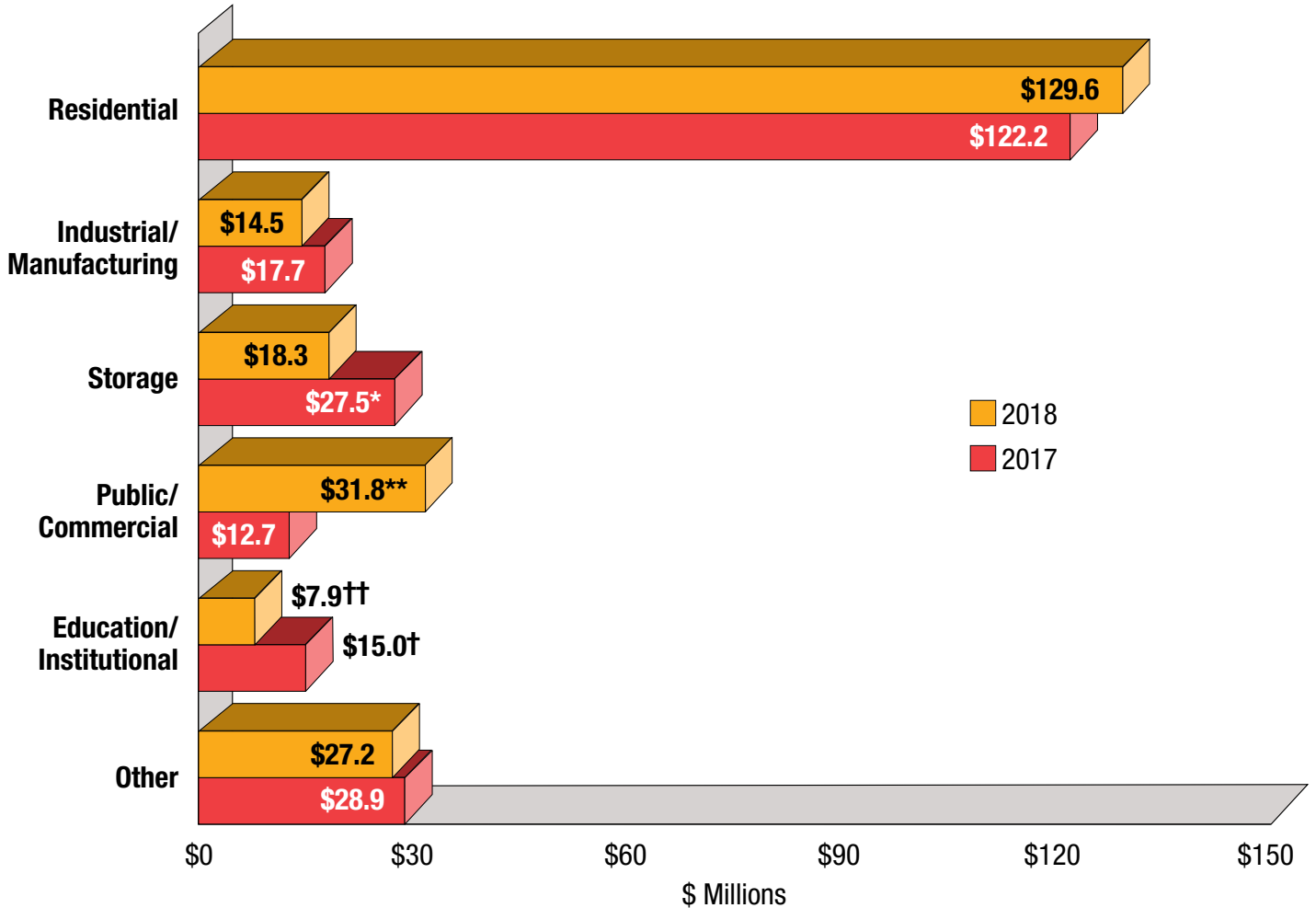
2018 RESIDENTIAL STRUCTURE FIRES				
Type of Residence	Number of Fires	Dollar Loss	Civilian Injuries	Civilian Deaths
One-two family dwelling	2,644	\$101,236,523	66	23
Multi-family dwelling	1,789	\$15,036,972	45	5
Hotel/motel	44	\$2,923,307	1	0
Residential board and care	43	\$56,700	1	0
Dormitory/sorority/fraternity	24	\$211,119	0	0
Boarding/rooming house	30	\$1,030,847	1	0
Barracks/dormitory	9	\$100	0	0
Residential (other)	131	\$6,109,133	0	1
<b>TOTAL</b>	<b>4,714</b>	<b>\$126,604,701</b>	<b>114</b>	<b>29</b>

Residential fire loss increased by 6 percent while all other building fire loss increased by only 2 percent.

Residential fires accounted for 77 percent of all structure fires and 57 percent of total dollar loss.

The average dollar loss per structure fire in 2018 was over \$36,000 per incident. The average dollar loss per residential structure fire was over \$26,000 per incident.

### DOLLAR LOSS BY PROPERTY TYPE



\* Includes one \$5 million barn fire.

\*\* Includes one \$4.5 million sorting facility fire and one \$3.8 million multi-commercial fire.

† Includes one \$14 million high school fire.

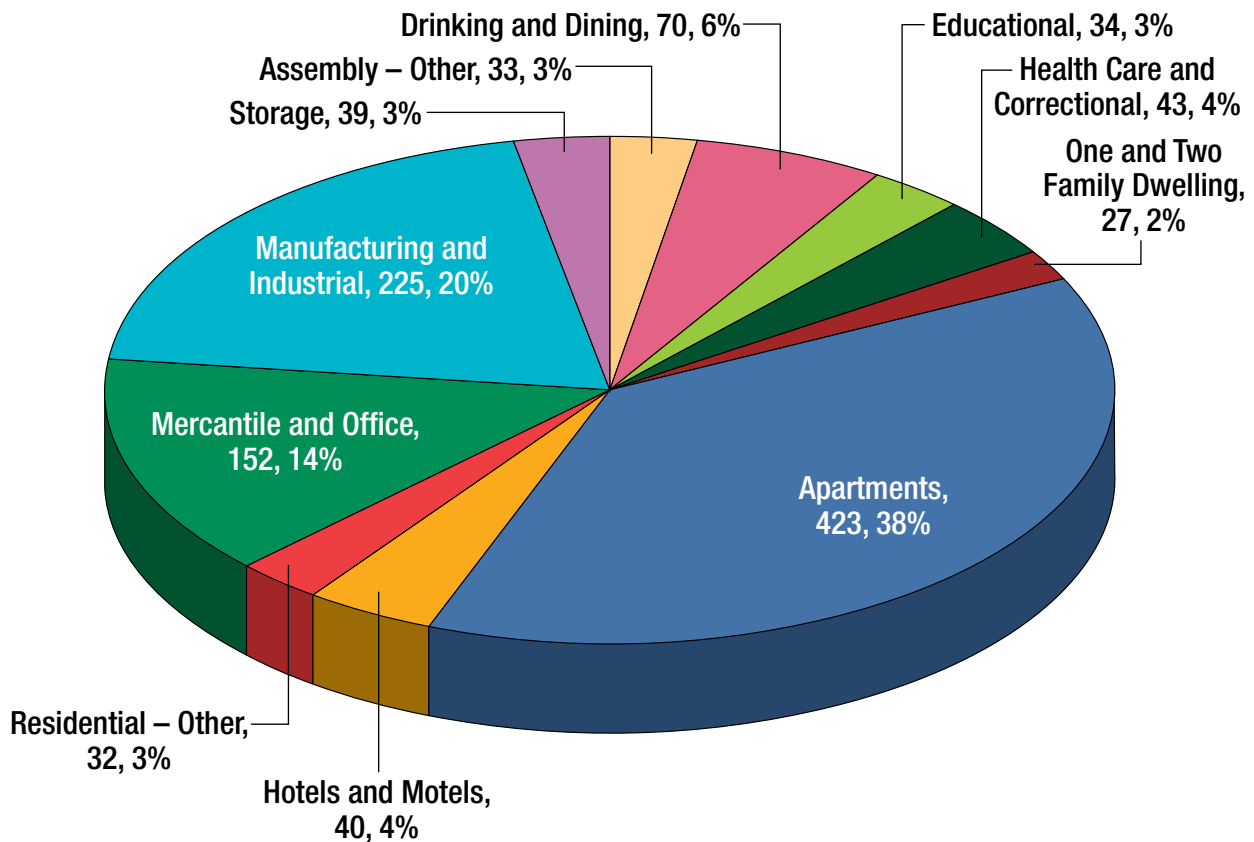
†† Includes one \$5.5 million high school fire.

## Sprinkler Saves

There were 97 sprinkler saves in Minnesota in 2018. This represents the second-highest number of fire sprinkler saves in a year since the State Fire Marshal Division started tracking them. This means that once every 3.5 (three-and-a-half) days a fire is extinguished by an automatic fire sprinkler system. These sprinkler activations saved 97 buildings from devastation by fire, minimized property loss, greatly reduced business interruption and potentially saved lives.

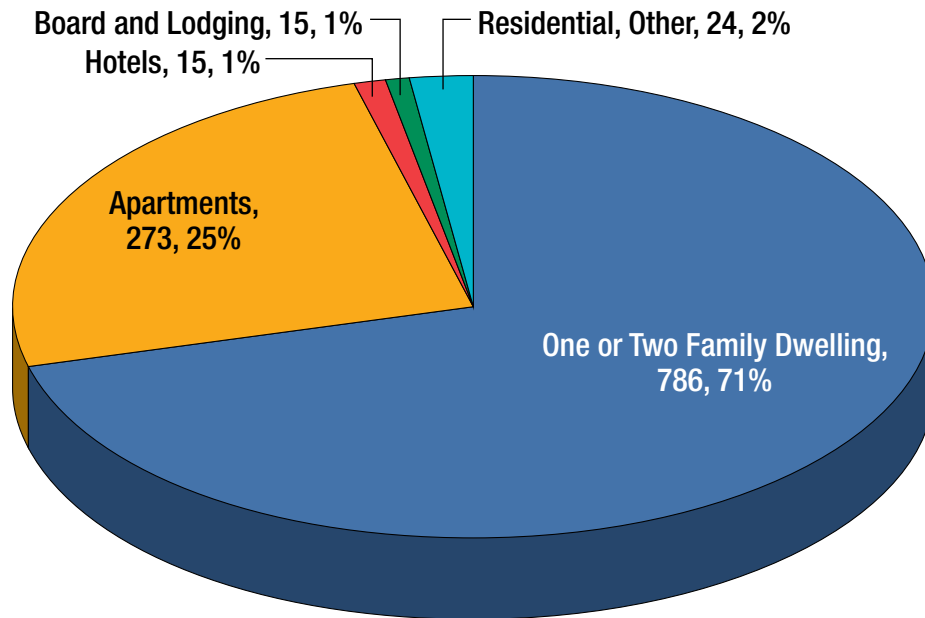
The following chart shows where the 1,118 sprinkler saves have occurred from 2004-2018. Sprinkler systems have been around since the late 1800s; they were originally developed to protect manufacturing and industrial occupancies. The most common occupancy for sprinkler saves in Minnesota is apartment buildings. This is noteworthy as apartments are one of the newest occupancies to have sprinklers. The first fire code in Minnesota to require apartment sprinklers was adopted in 1989 (less than 30 years ago) but apartments have now become the leading type of building to experience sprinkler saves.

**MINNESOTA SPRINKLER SAVES  
2004 – 2018**

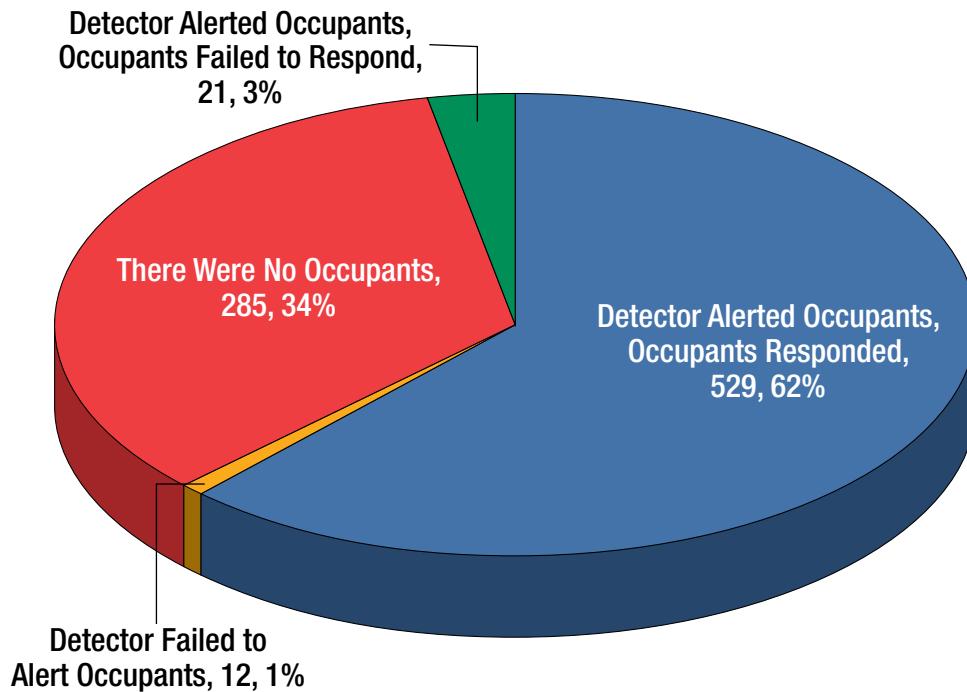


Smoke alarms are highly effective at alerting people of dangerous fire conditions, especially in residential occupancies where people sleep. In a high percentage of the residential fires, the smoke alarms activated and alerted the occupants (62 percent). Of concern, however, are the 33 residential fires last year where the occupants did not get alerted to dangerous fire conditions (shown as alarm failed to alert occupants – 1 percent – or alerted occupants but the occupants failed to respond – 3 percent).

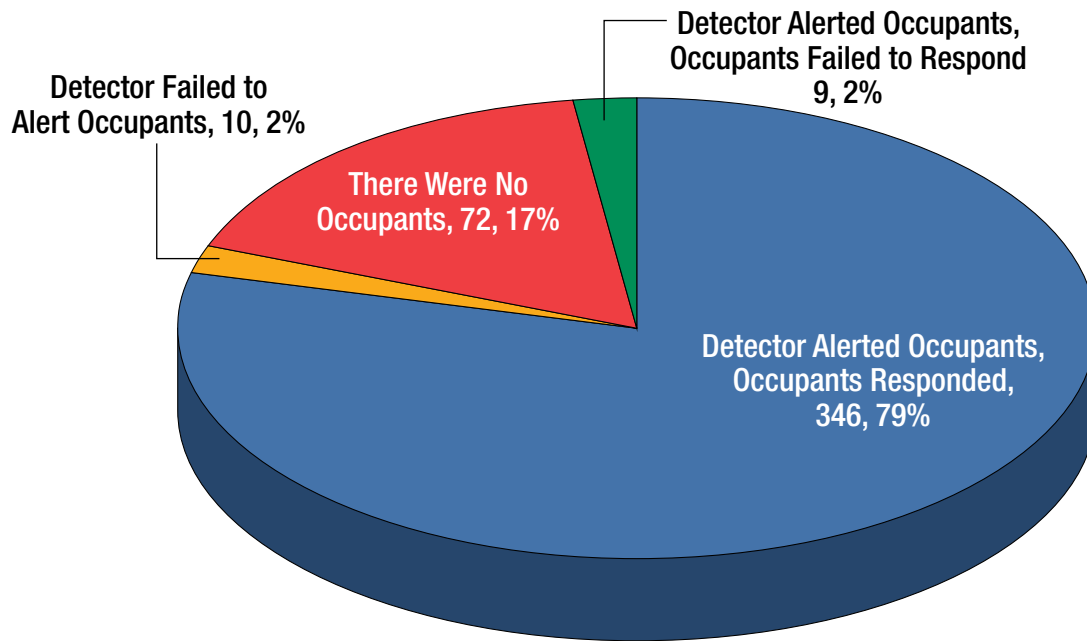
## RESIDENTIAL OCCUPANCIES WHERE SMOKE ALARMS ACTIVATED — 2018



## SMOKE ALARM EFFECTIVENESS — 2018



## ONE/TWO FAMILY DWELLING SMOKE ALARM EFFECTIVENESS — 2018



### SUMMARY

Last year, 771 (99 percent) of Minnesota’s 776 fire departments reported information for Fire in Minnesota.

The total number of calls increased 2 percent from 2017. Dollar loss was over \$229 million.

Fires occurred most frequently in residential properties. Residential fires occurred in significantly higher percentages than fires in the next most reported property type — storage facilities.

Fires in residential buildings accounted for 77 percent of all structure fires, 57 percent of total dollar loss, and in 93 percent of structure fire deaths in 2018. These statistics continue to identify the home as the most dangerous place to be.

In the last 30 years, over \$5 billion in property was destroyed by fire; over \$2.6 billion in damage occurred in residential property.



# CAUSES

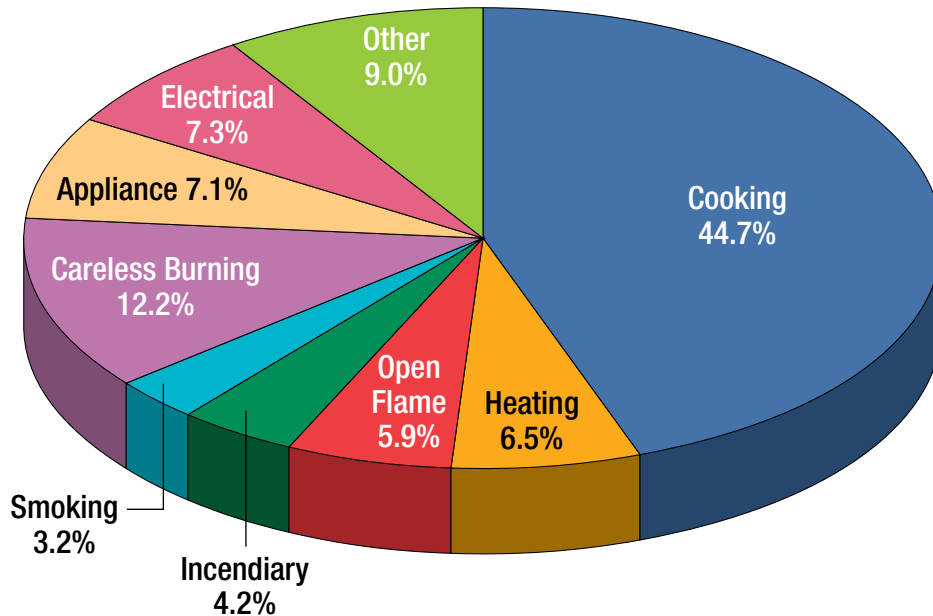


As in past years, cooking continues to be the top known cause of fires, with careless burning and electrical as the second- and third-leading causes.

Cooking remains the leading cause mainly due to contained cooking fires.

Fires in residential property represented 77 percent of all structure fires and 57 percent of the total dollar loss.

### STRUCTURE FIRE CAUSES



### Cooking Fires

The leading cause of structure fires in 2018 was cooking. Ninety-four percent of those fires were contained cooking fires.

The top three known factors in the remaining cooking fires were: unattended equipment at 25 percent, equipment turned on accidentally/not turned off at 14 percent and combustibles too close at 12 percent. There were three cooking-related civilian fire deaths and 18 civilian injuries, as well as five firefighter injuries. Dollar loss from cooking fires in 2018 totaled \$3,681,350.

### Heating Fires

The majority of 2018 heating-related fires (330) occurred in residential properties.

The total number of these fires increased by 29 percent from last year — there were 251 heating-related fires in 2017 — and dollar loss increased by 50 percent.

## HEATING FIRES IN RESIDENTIAL PROPERTIES

Equipment	Number of Fire Incidents	% of Total	Dollar Loss	% of Total
Fireplace/Chimney	196	60%	\$3,051,352	64%
Fixed Heating Units	39	12%	\$1,006,006	21%
Portable Heaters	13	4%	\$327,600	7%
Central Heating Units	55	17%	\$59,402	1%
Water Heaters	9	3%	\$114,000	2%
Other	12	4%	\$231,900	5%
<b>TOTAL</b>	<b>324</b>	<b>100%</b>	<b>\$4,790,260</b>	<b>100%</b>

## Where Do Fires Start?

### Residential Property

- Kitchen/cooking area: 52 percent
- Sleeping area: 5 percent
- Garage: 5 percent
- Balcony/patio: 3 percent
- Other areas of fire origin: 36 percent

### Public Assembly Property

- Kitchen/cooking area: 53 percent
- Trash chute/container: 10 percent
- Lavatory/Locker area: 4 percent
- Outside area/other: 4 percent
- Other areas of fire origin: 29 percent

### Educational Property

- Kitchen/cooking area: 38 percent
- Trash chute/container: 8 percent
- Lavatory: 5 percent
- Other areas of fire origin: 41 percent

### Store and Office Property

- Kitchen/cooking area: 26 percent
- Trash chute/container: 9 percent
- Laundry: 4 percent
- Heating room: 4 percent
- Other areas of fire origin: 57 percent

## Summary by Type of Occupancy

RESIDENTIAL						
	Number of Incidents	Firefighter Injuries	Civilian Injuries	Firefighter Deaths	Civilian Deaths	Dollar Loss
	4,714	92	116	0	28	\$129,573,816
<b>% OF TOTAL</b>	<b>77%*</b>	<b>34%</b>	<b>78%</b>	<b>0%</b>	<b>76%</b>	<b>56%</b>

\* Percent of Structure Fires

EDUCATIONAL						
	Number of Incidents	Firefighter Injuries	Civilian Injuries	Firefighter Deaths	Civilian Deaths	Dollar Loss
	64	2	0	0	0	\$6,500,083
<b>% OF TOTAL</b>	1%*	1%	0%	0%	0%	3%

\* Percent of Structure Fires

PUBLIC ASSEMBLY						
	Number of Incidents	Firefighter Injuries	Civilian Injuries	Firefighter Deaths	Civilian Deaths	Dollar Loss
	197	3	1	0	0	\$9,739,715
<b>% OF TOTAL</b>	3%*	1%	1%	0%	0%	4%

\* Percent of Structure Fires

STORE AND OFFICE						
	Number of Incidents	Firefighter Injuries	Civilian Injuries	Firefighter Deaths	Civilian Deaths	Dollar Loss
	195	7	4	0	0	\$31,882,914
<b>% OF TOTAL</b>	3%*	3%	3%	0%	0%	14%

\* Percent of Structure Fires

## SUMMARY

Cooking caused the largest percentage of structure fires. Fires in residential spaces represent 77 percent of all structure fires and 93 percent of fire deaths in structures. While careless smoking accounts for only 3 percent of structure fires, it caused 27 percent of known fire fatalities.

Nine percent of all reported fire causes were listed as “other causes.” In order to focus our fire prevention efforts where the greatest need exists, complete reporting is essential. Fire departments should provide the maximum available information on MFIRS reports.

Minnesotans continue to be in the greatest danger from fire in their own homes. Fire prevention efforts in the areas of cooking, heating, careless smoking and electrical malfunction must continue to be a top priority.

### Fire Prevention Week

Since 1925, the week of Oct. 9 has been designated Fire Prevention Week in the United States in memory of the Great Chicago Fire of Oct. 9, 1871. The National Fire Protection Association has sent a special fire-prevention message to the public during Fire Prevention Week. The SFMD urges Minnesota fire departments to implement the safety theme and lead fire prevention efforts in their communities.

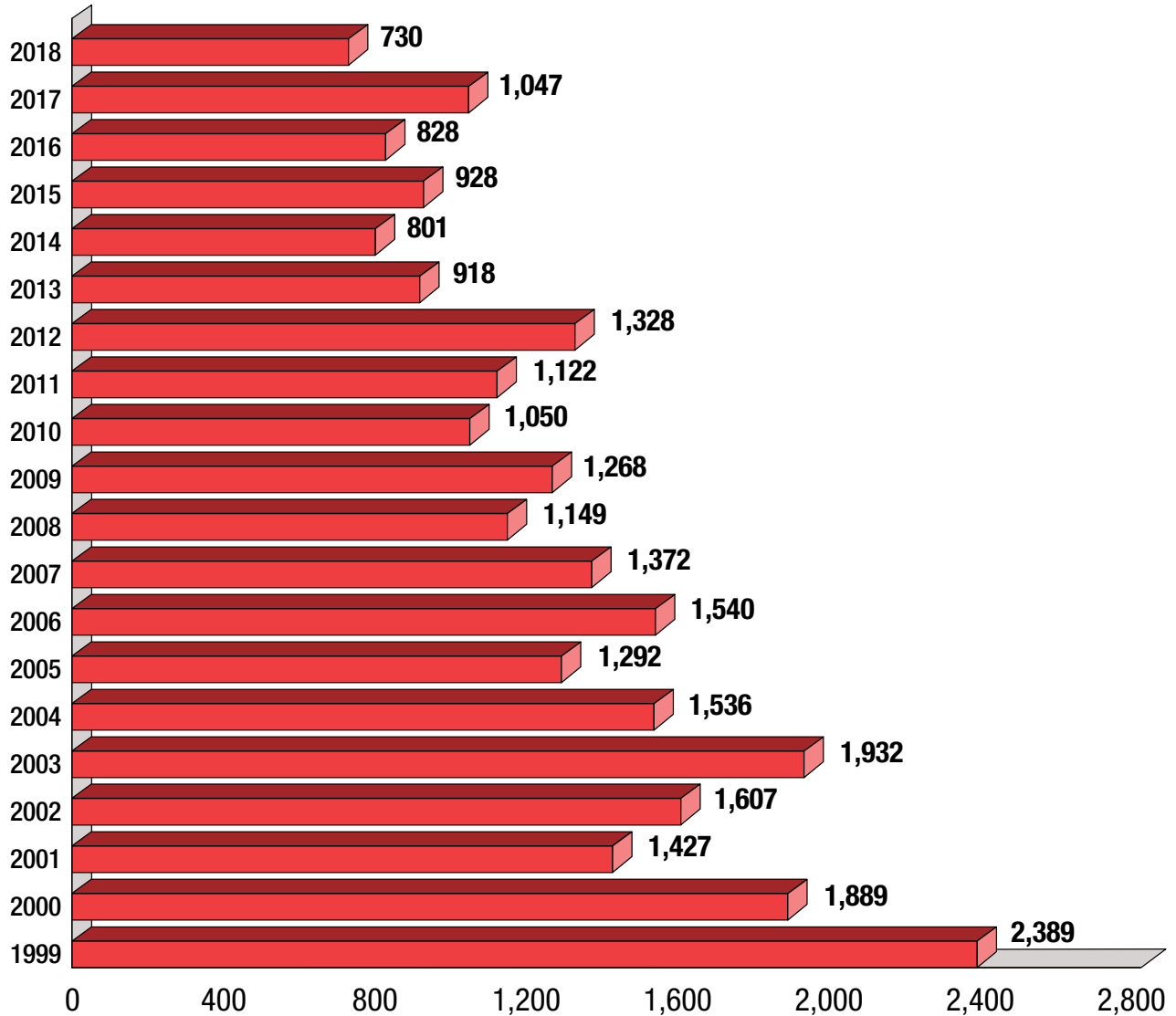


# INCENDIARY FIRES

There were 730 identified incendiary fires in 2018, a 30 percent decrease from 2017.

Incendiary refers to any intentionally set fire. An arson fire is an example of an incendiary fire, but not all incendiary fires are arson. Incendiary fires may also include recreational fires intentionally set that get out of control. The value of property destroyed by incendiary fires in 2018 was over \$7 million, a 28 percent decrease from 2017. Both numbers are considerably lower than those in the 1990s.

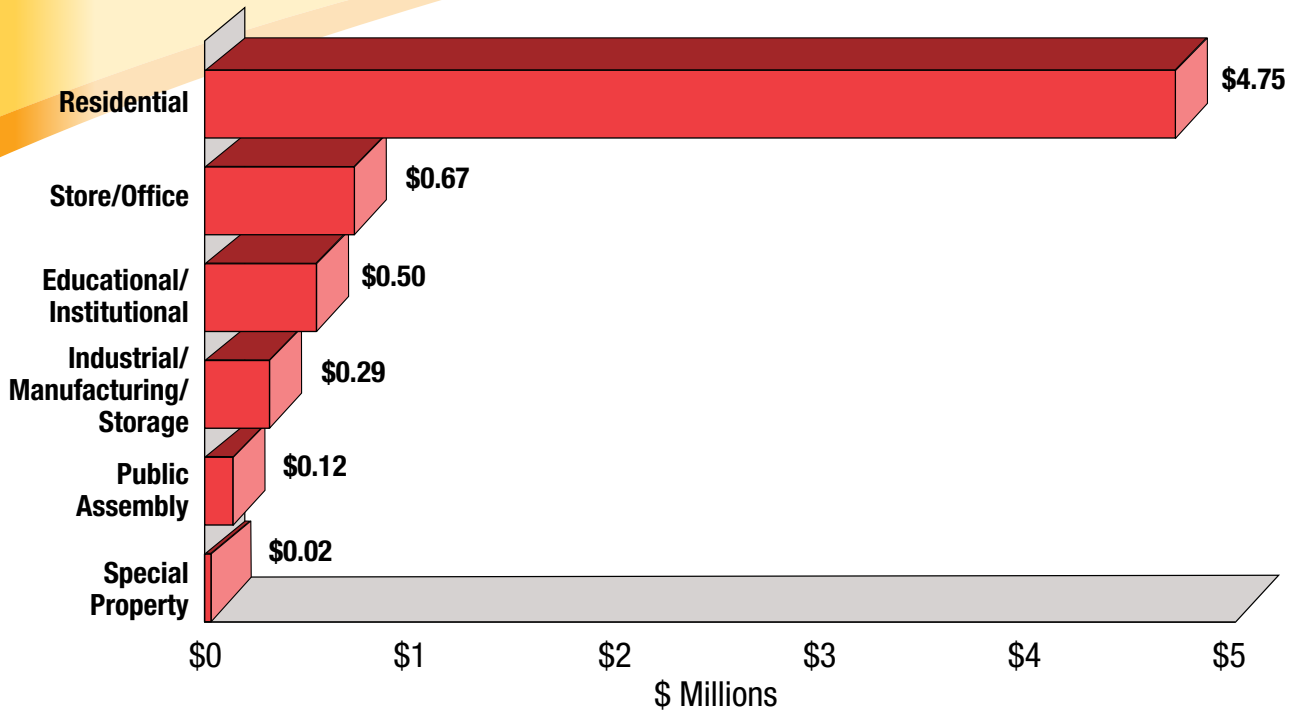
### INCENDIARY FIRES IN MINNESOTA



### Most Common Buildings for Incendiary Fires

- Residential structures: 67 percent
- Public assembly: 8 percent
- Special property: 8 percent
- Educational/institutional: 7 percent
- Industrial/manufacturing/storage: 7 percent
- Store/office: 3 percent

## INCENDIARY STRUCTURE DOLLAR LOSS

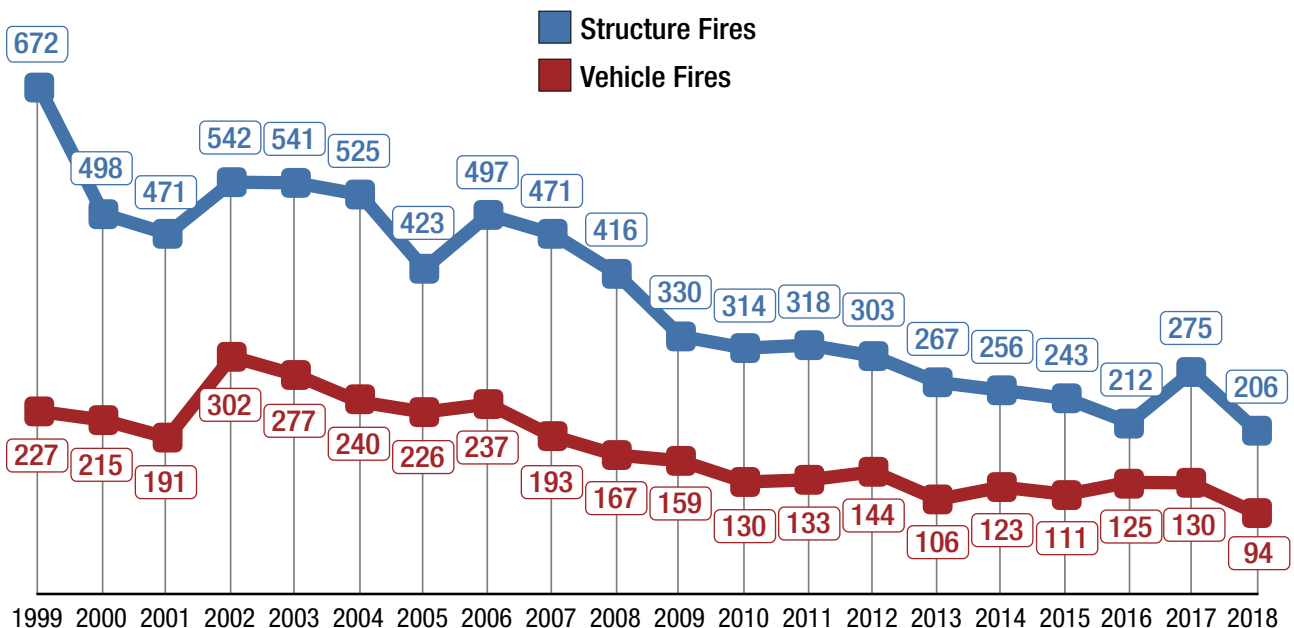


In 2018, “Incendiary” was listed as the cause of 4 percent of all reported structure fires with known causes and 4 percent of all reported vehicle fires in Minnesota.

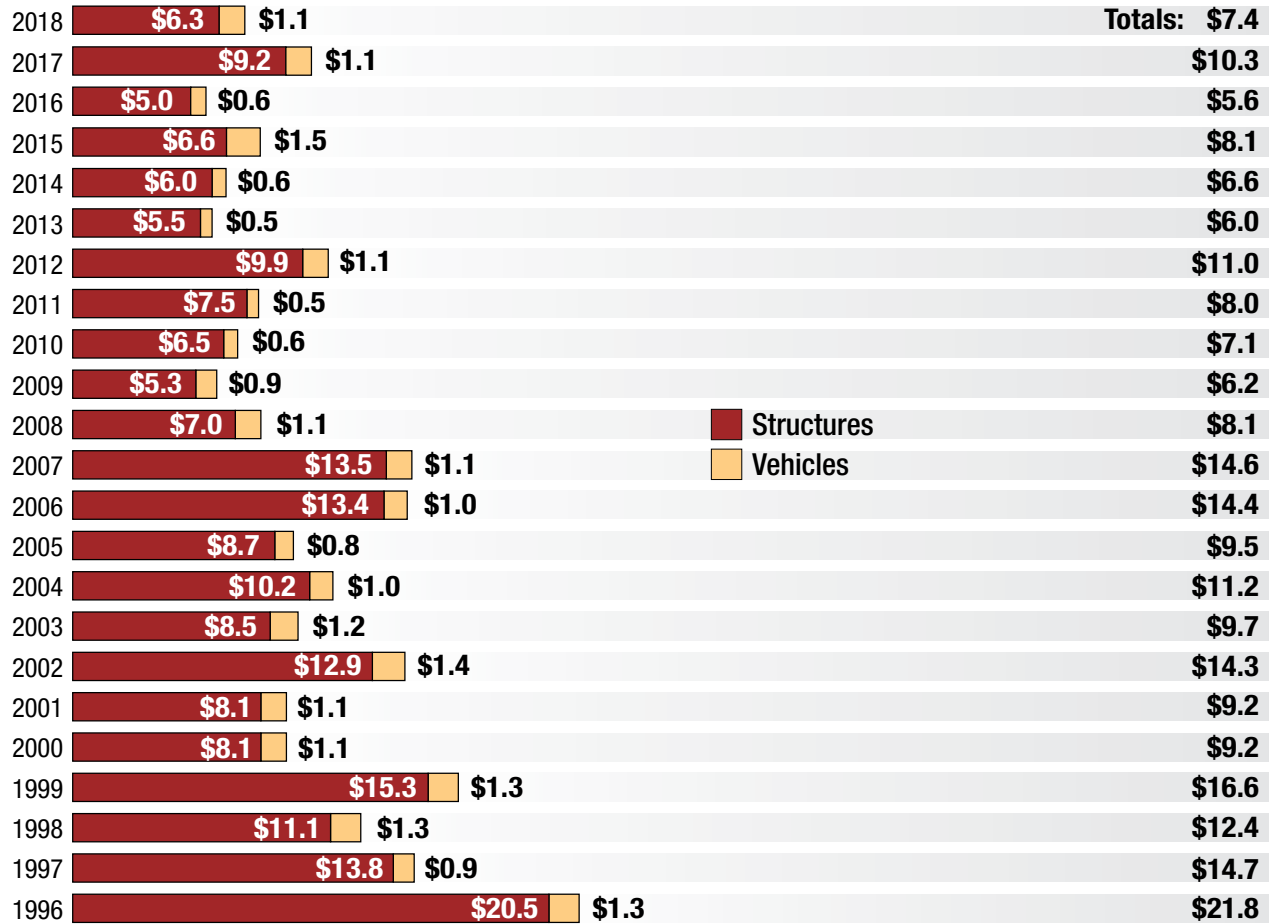
Vehicle incendiary dollar loss represented 4 percent of total vehicle fire dollar loss with an average dollar loss per incendiary vehicle fire of \$11,550.

Fire investigators agree that incendiary vehicle fires are under-reported and may not receive as much attention as structure fires receive.

## INCENDIARY STRUCTURE AND VEHICLE FIRES



## INCENDIARY FIRE DAMAGE IN MINNESOTA (in millions)



### SUMMARY

Incendiary fires decreased in 2018 and dollar loss also decreased. Incendiary fires were the cause of 4 percent of structure fires with known causes.

In 2018, 67 percent of all incendiary structure fires were in residential property as well as 75 percent of all incendiary dollar loss.

In the past 30 years, incendiary fires caused 78 deaths and more than \$390.7 million in property loss.

Incendiary fires must continue to be addressed through such efforts as the Arson Reward Program and the Youth Firesetter Intervention and Prevention Program.

### Arson Tip Line

Do you have a tip or information about a possible arson fire? Call the Arson Hotline at 1-800-723-2020.

Rewards are possible for information leading to the identification of persons responsible.

Rewards are as follows:

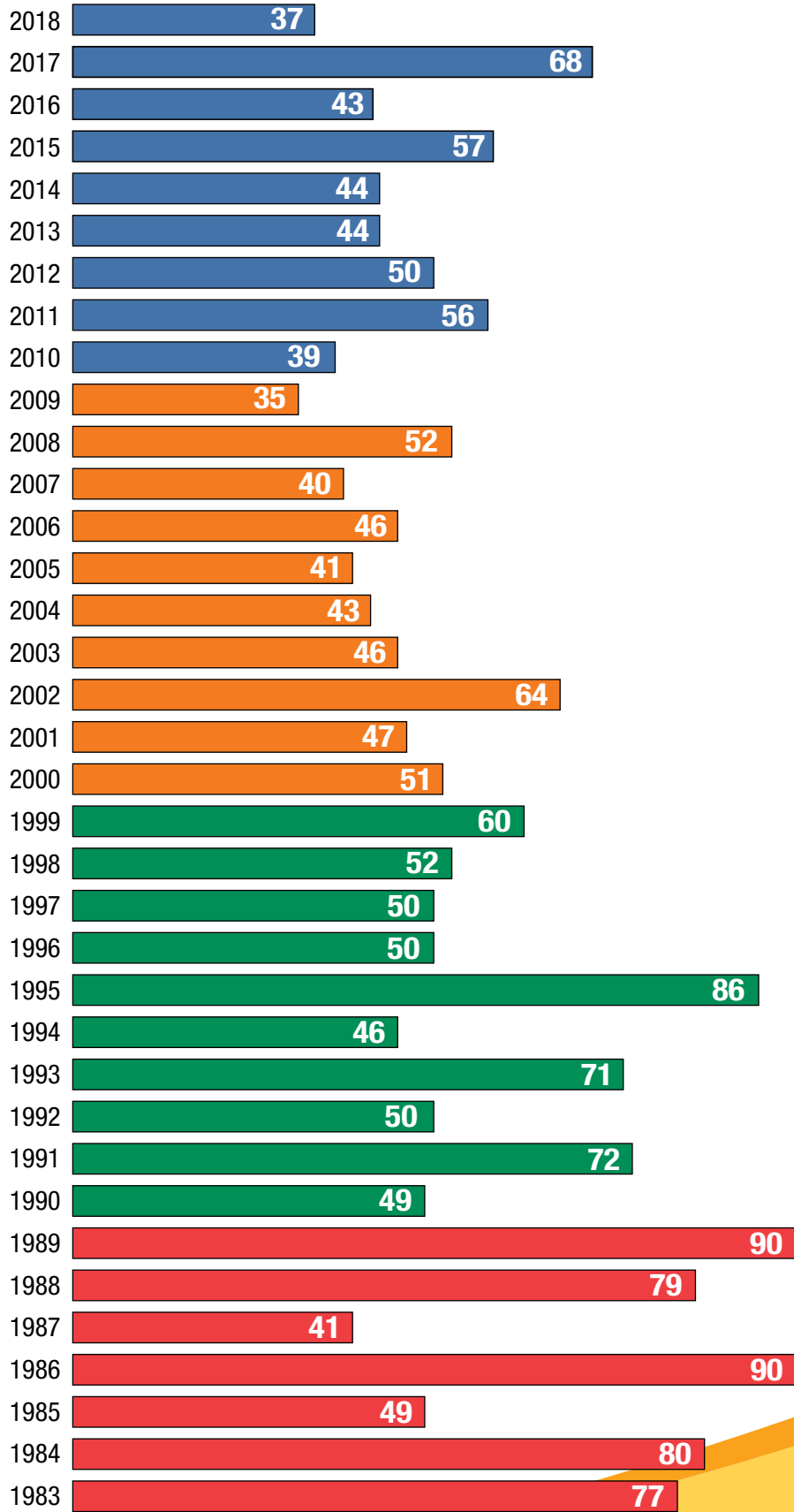
- An extraordinary reward of \$2,000 to \$5,000 for information or assistance that leads to the arrest of person(s) on a charge of arson.
- An information reward of up to \$2,000 for information in a meritorious situation with no requirement that the information lead to an arrest.
- A lesser reward for useful information which could prevent an incendiary fire or aid in catching a person who set one. There is no requirement that the information lead to an arrest.

A photograph of several firefighters in full protective gear, including helmets, face shields, and heavy jackets with reflective yellow stripes. They are standing in a scene that appears to be the aftermath of a fire, with debris on the ground and a stretcher in the foreground. The image is overlaid with a semi-transparent red and yellow graphic at the top. The word "CASUALTIES" is written in large, bold, red letters with a yellow outline across the center of the image.

# CASUALTIES



**FIRE DEATHS THE PAST 30+ YEARS**



## Fire deaths: People, not numbers

In 2018, 37 Minnesotans died in fires across the state, which is down from 68 in 2017. The average number of fire fatalities for the past 10 years is 47. Fire reports and medical examiners tell us where and how they died. We know the leading causes of fire deaths in Minnesota, and that alcohol and drugs can be a factor. The 2018 total will be added to our Minnesota database and to the national total. The numbers will appear in state and national databases for type of occupancy or location, cause of fire, smoke alarm performance, accidental or intentional, and other data. We know the numbers. But do we know the people?

Every year we talk about the number of fire fatalities, but these people weren't numbers or a piece of data in a report. Maybe we need to ask questions about who these citizens of Minnesota were, who they left behind, their future plans, their career path. Looking through media reports and obituaries written by their loved ones, we learn the stories of lives ended too soon. Through these stories, we truly see some of the impact of fire in Minnesota.

Our Minnesota victims were husbands and wives, sons and daughters, mothers and fathers, sisters and brothers, grandparents, great-grandparents,

nephews and nieces, aunts and uncles, cousins, fiancées, and longtime companions. They left behind over 250 family members and countless friends and other relatives. Ages ranged from 18 to 86. Six cities had two or three deaths, including Alexandria, with three in January of 2018. Two fires had two victims. The 31st death occurred in early July, and as the weeks went by, one wondered how long the state could go without a fire death. July 10 to Oct. 6 without a death was notable: almost three months.

The year did not begin well. There were eight deaths in January, starting with the death of a couple who had met two years earlier. Then a public works director after a 34-year career with the Minnesota National Guard, part of the Red Bulls in Operation Iraqi Freedom, who earned numerous awards including a Bronze Star. Then there was a 19-year-old attending a tech college for fashion design, who was so looking forward to being an aunt. Her nephew was born two days after her death. She was a twin and older by five minutes. Her twin misses their daily video chats.

January would come to an end with the death of a young mom, Jenna, in a vehicle crash that ended



in a fire. She leaves behind her two young sons who lost their father (her fiancée) in 2015 in a vehicle crash, five days after the birth of their second child. He was leaving the NICU after spending the night and may have fallen asleep driving to work. She was remembered for the strength of her spirit, commitment to others, and a smile that could light up a room.

There was a young man, David, who at one time had worked the North Dakota oil fields with his brother. Teresa, a prolific artist and mom known for her custom cards and Christmas décor in her art studio, who loved working in group home for the disabled. Todd, using his computer science degree from Mankato State to work for the U.S. Postal Service as a computer analyst – and 35-year retired USPS worker Tom, who also played guitar in a local rock band. Carter, the high school student who loved his brothers with his big heart and was looking forward to graduating from high school, having just passed his commercial driver's license test. Maybe he had plans to drive a big rig. There was a mom and dad burying their second child. Louise, with 40 years as an elementary school teacher in St. Paul schools. Thomas the iron worker. And Rebecca, a young mom and a liquor store manager who didn't like horseradish, but loved softball and her daughter.

Then there was Harold who met his future wife at a roller rink, but was drafted into the Army to serve in Korea for three years and came home to marry Carolyn and become a dairy and crop farmer. And Joseph who was born, lived, farmed and died on his family farm, always concerned about his farming neighbors.

Frequent themes in their obituaries were faith and a love of the outdoors, fishing, and hunting; Minnesota sports teams; and family. What is not told is the lasting impact on the families and first responders, EMS, medical personnel and others. Reading through the fire investigation reports, you discover that many, if not all, of these deaths were preventable.

Fire prevention must be a priority for everyone, every day, if as a state we want to achieve zero fire deaths and injuries. Smoke alarms, escape windows, fire extinguishers and fire sprinklers do save lives, but only after the fire has started. Each of us needs to be willing to change our own behavior when it comes to fire. We become complacent and think it won't happen to us, but not a single obituary said that the victim anticipated dying in a fire.

The top three causes of fire are men, women and children. The behavior is unattended cooking, combustibles too close to a heat source, misuse of appliances, not following manufacturer's operating instructions, misuse of flammable liquids, and playing with fire. Fire is a tool for cooking and heating, not a toy.

While we still hope to arrive at zero fire deaths someday, there are some things out of our control, such as Mother Nature and lightning strikes. There are products manufactured with flaws or defects that may lead to a fire. The Consumer Product Safety Commission is a great resource for product recalls. Online shopping has made counterfeit and unsafe products more and more prevalent, so encourage your community to purchase products that are listed and tested by a testing laboratory.

As prevention professionals, we have a lot to overcome. The movie and commercial industries misrepresent fire and all too often show people using it in inappropriate ways. Social media spreads viral challenges with posts, photos and videos of people playing with fire. Our daily interaction with fire is controlled and most often out of sight, making it more important than ever that people know the risks, speed and dangers of fire. May the memories of the real, living people who died in fires spur us on in our work.

# Fire Deaths and Smoke Alarm Performance

In 2018, 37 civilians lost their lives in Minnesota fires, which is a decrease of 46 percent. In 36 percent of the residential casualties, smoke alarms were absent or non-operating. In 14 percent of residential fires, it was not possible to determine whether a smoke alarm was present or operating.

FIRE DEATHS AND SMOKE ALARM PERFORMANCE			
Circumstance	Fatalities	% of Dwelling Fires	% of Total Deaths
No Smoke Alarms Present	8	29%	22%
Inoperable Smoke Alarms Present	2	7%	5%
Working Smoke Alarms Present	9	32%	24%
Unknown If Alarms Present/Working	4	14%	11%
Not a Factor/Suicides, Explosions, etc.	5	18%	14%
<b>TOTAL DEATHS IN DWELLINGS</b>	<b>28</b>	<b>100%</b>	<b>76%</b>
Other Fire Deaths (Including vehicles, outdoors, other structures, etc.)	9		24%
<b>TOTAL FIRE DEATHS</b>	<b>37</b>		<b>100%</b>

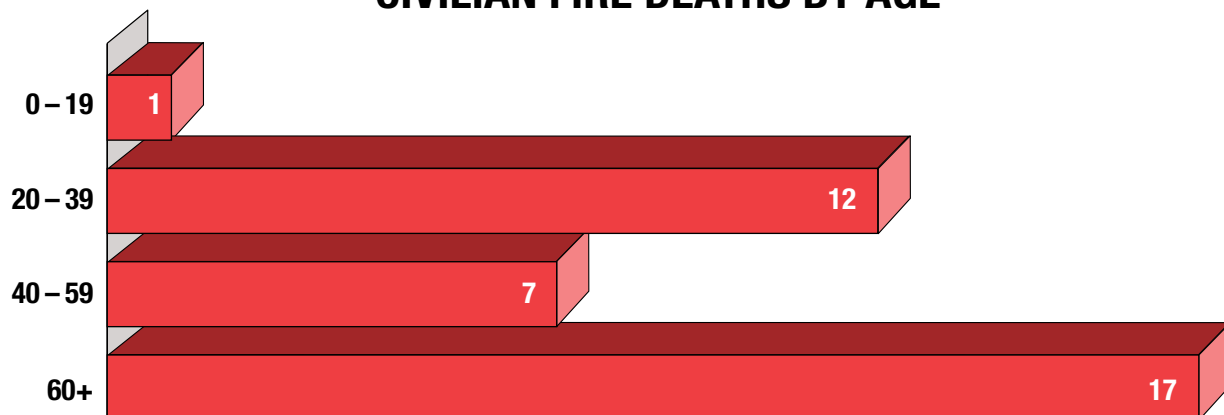
## Nine Deaths in Homes with Working Smoke Alarms: Why Didn't They Get Out?

- Alcohol and Drug Use: . . . . . 6
- Medical/Mobility Issues: . . . . . 1
- Unknown: . . . . . 1
- Irrational Action: . . . . . 1

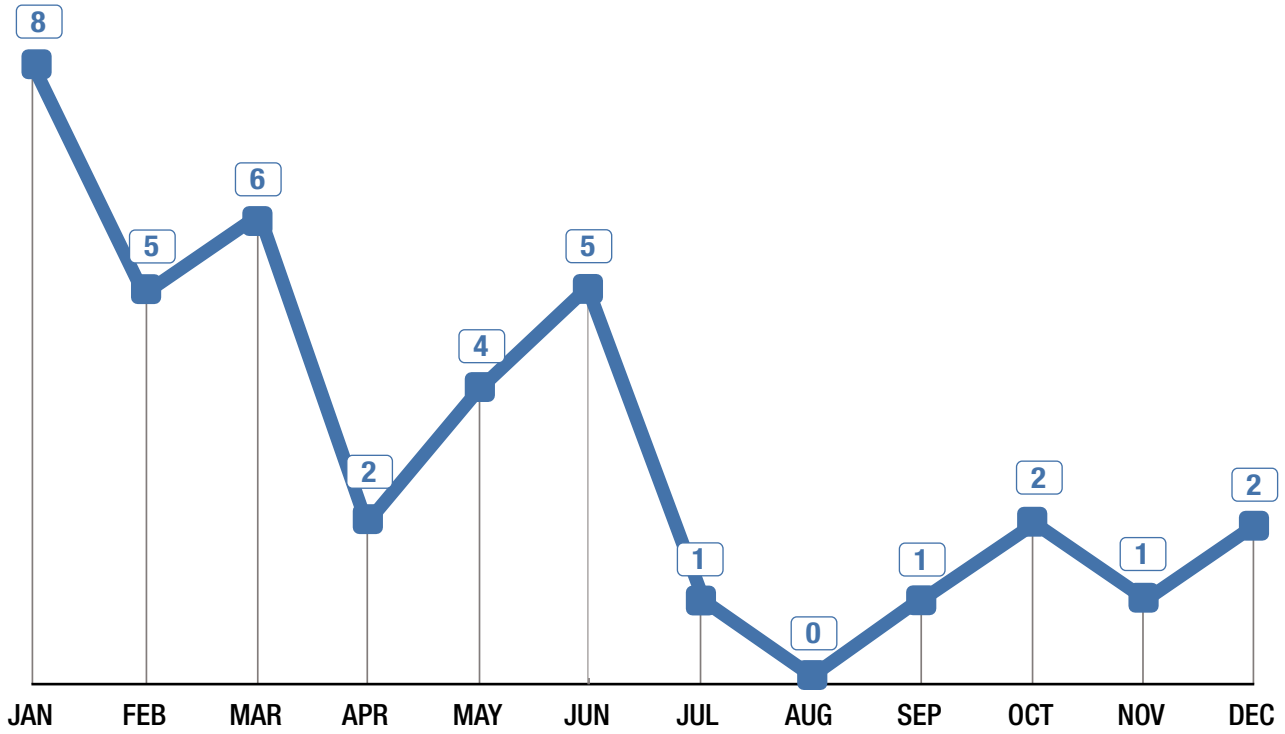
## Civilian Fire Deaths

The number of people killed in fires in 2018 who were ages 20 – 39 increased by 71 percent. Sixty-eight percent of fire deaths in 2018 occurred between the hours of midnight and 6 a.m. Fifty-one percent of the fire deaths occurred in January through March.

### CIVILIAN FIRE DEATHS BY AGE



### CIVILIAN FIRE DEATHS BY MONTH



### FIRE DEATHS BY TIME OF DAY

Cause	0000-0600	0600-1200	1200-1800	1800-2400	Total
Careless Smoking	4	2	1	3	10
Arson/Suicide	0	1	1	3	5
Combustible too Close	2	1	2	0	5
Cooking	0	0	0	3	3
Other	4	2	1	0	7
Undetermined	4	0	1	2	7
<b>TOTAL</b>	<b>14</b>	<b>6</b>	<b>6</b>	<b>11</b>	<b>37</b>

# Civilian Fire Deaths: Where and Why?

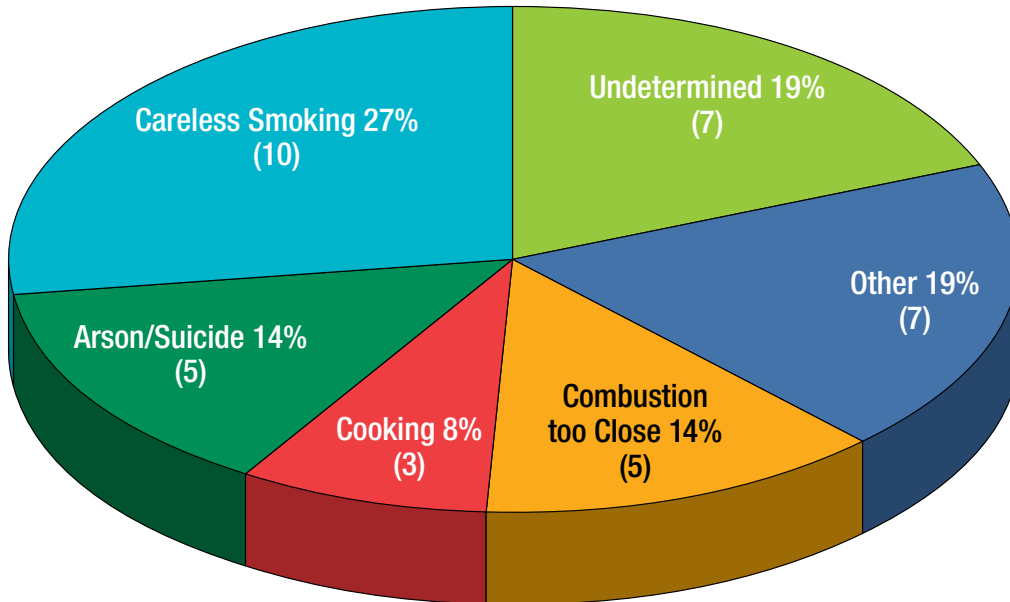
Seventy-four percent of all 2018 fire deaths occurred where people generally feel safest – in their homes.

## 2018 civilian fire deaths by location:

- Single family homes: ..... 23
- Multi-family homes..... 5
- Outside..... 2
- Vehicle ..... 5
- Other ..... 2

In 2018, careless smoking was the leading cause of known fatal fires. Alcohol or drug use was a factor in 60 percent of the careless smoking deaths and in 49 percent of all fire deaths.

## CIVILIAN FIRE DEATHS BY CAUSE



## 2018 FIRE DEATHS

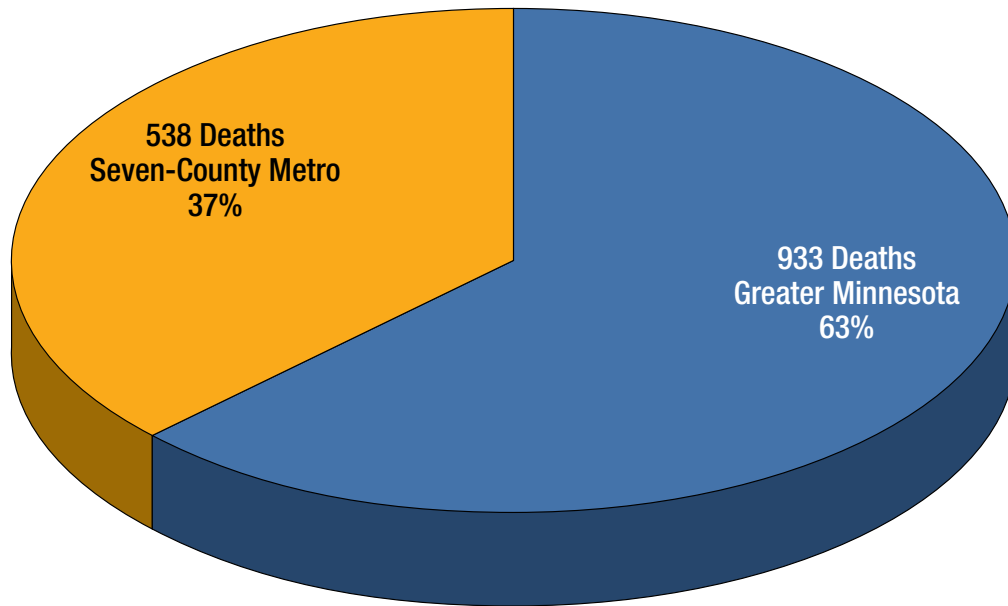
Date	City/Town	Structure	Cause	Age
1/5/2018	Alexandria	Single Family	Careless Smoking	50
1/5/2018	Alexandria	Single Family	Careless Smoking	60
1/6/2018	Lake Lillian	Single Family	Undetermined	56
1/11/2018	Norwood-Young Amer.	Single Family	Combustible Too Close	71
1/15/2018	Alexandria	Apartment	Undetermined	20
1/19/2018	Maplewood	Outdoors	Combustible Too Close	31
1/24/2018	North Branch	Single Family	Suicide	78
1/26/2018	Barnum	Street	Combustible Too Close	30
2/7/2018	Plymouth	Apartment	Suicide	25
2/23/2018	St. Cloud	Apartment	Careless Smoking	58
2/26/2018	Inver Grove Heights	Single Family	Cooking	32
2/26/2018	Inver Grove Heights	Single Family	Cooking	33
2/28/2018	Apple Valley	Single Family	Suicide	50
3/3/2018	Crookston	Single Family	Gas Leak	40
3/3/2018	Columbia Heights	Garage	Appliance Malfunction	74
3/14/2018	Cloquet	Single Family	Careless Smoking	23
3/17/2018	Barrett	Outdoors	Vehicle Malfunction	19
3/17/2018	Minneapolis	Single Family	Careless Smoking	63
3/30/2018	Cass Lake	Single Family	Undetermined	80
4/25/2018	Fridley	Single Family	Cooking	24
4/28/2018	Arden Hills	Single Family	Undetermined	81
5/4/2018	St. Paul	Street	Suicide	28
5/6/2018	Winona	Single Family	Undetermined	69
5/6/2018	Spring Park	Apartment	Undetermined	60
5/31/2018	Brainerd	Street	Collision	22
6/4/2018	St. Paul	Street	Careless Smoking	73
6/4/2018	Minneapolis	Single Family	Suicide	56
6/17/2018	McGrath	Single Family	Lightning Strike	72
6/23/2018	Minneapolis	Single Family	Careless Smoking	67
6/30/2018	Osakis	Single Family	Undetermined	34
7/9/2018	Duluth	Single Family	Careless Smoking	75
9/5/2018	Ogilvie	Single Family	Combustible Too Close	79
10/7/2018	Foley	Single Family	Careless Smoking	60

## 2018 FIRE DEATHS

Date	City/Town	Structure	Cause	Age
10/17/2018	West St. Paul	Apartment	Careless Smoking	35
11/23/2018	St. Paul	Single Family	Explosion	80
12/14/2018	Rice	Camper	Woodstove Malfunction	59
12/17/2018	Rice	Outdoors	Combustible Too Close	86

In the past 29 years, 1,471 Minnesota civilians have died in fires (see distribution by county on the next page). In 2018, 45 percent of our state population lived in greater Minnesota, where the per capita fire death rate was 0.80 deaths for every 100,000 people. The per capita fire death rate for the metro area in 2018 was 0.55 per 100,000, while the rate for the state as a whole was 0.66 per 100,000. That is below the national per capita fire death rate, which was 1.04 per 100,000. There are three Minnesota counties that have remained fatality free for the past 29 years: Traverse, Stevens and Murray.

### CIVILIAN FIRE DEATHS SINCE 1990 (1,471 TOTAL)







# Firefighter Deaths

The Minnesota Fire Service mourns the loss of one of its members in 2018. Firefighter Timothy Royce died from a heart attack following two responses.

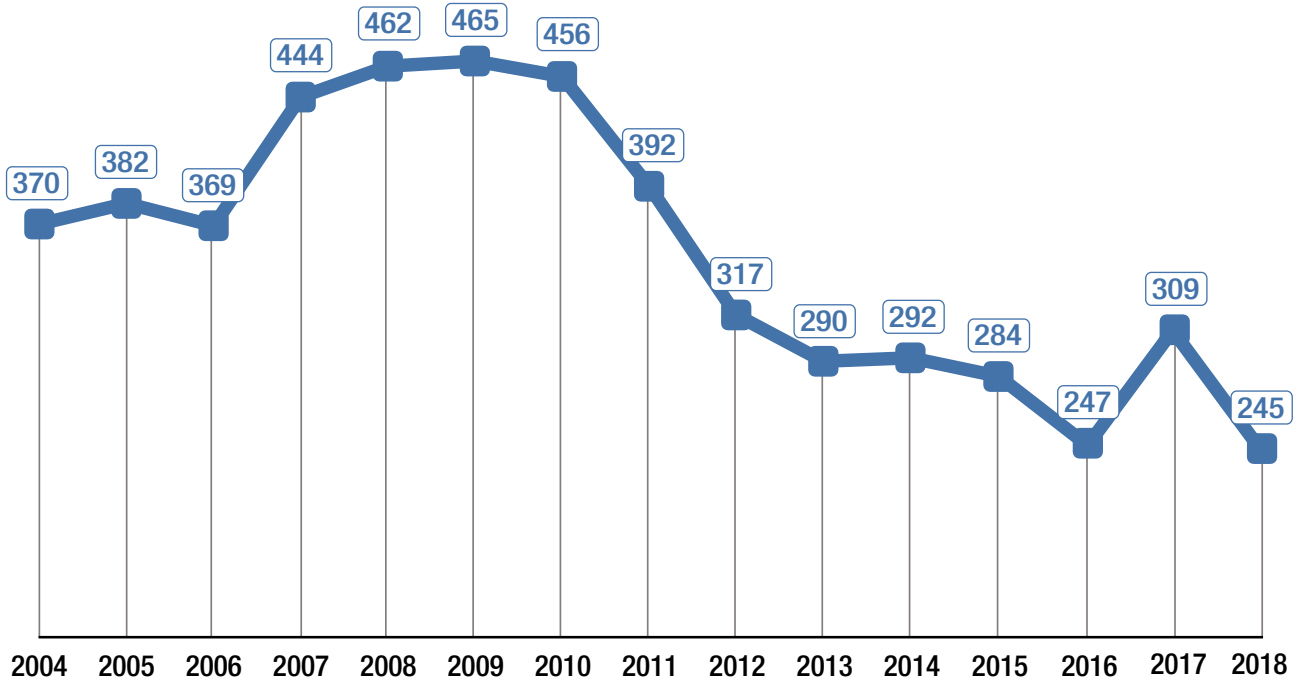
In 2018, 64 on-duty firefighter deaths occurred in the United States. That number represents the eighth time in the last 10 years the total has been below 70. We honor those who have fallen and remember them with pride and gratitude for their dedicated service in protecting their fellow citizens.

<b>MINNESOTA FIREFIGHTER LINE OF DUTY DEATHS 1996 – 2018</b>		
<b>Year</b>	<b>Name Of Firefighter</b>	<b>City</b>
1996	Melvin Windschitl	Chanhassen
1997	Harvey Chlian	Starbuck
1997	Leroy Swanson	Minneapolis
1998	Michael Wiborg	Chanhassen
1999	Marvin Huisman	Wilmont
1999	William Myers	St. Anthony
2002	Kim Granholm	Esko
2002	Jonathan Lanphear	Boyd
2003	Don Billig	St. Cloud
2006	David Klapprich	Wayzata
2006	Kyle Weisbrich	Melrose
2007	Barry DeLude	Minneapolis
2008	Jeremy Jylka	Pine City
2009	Ramon Hain	St. Paul
2011	Chip Imker	Cambridge
2013	Matthew Frantz	Rice Lake
2015	Shane Clifton	St. Paul
2015	Randy Hiti	Rice Lake
2017	Jeff Vollmer	Mayer
2018	Timothy Royce	Mapleton

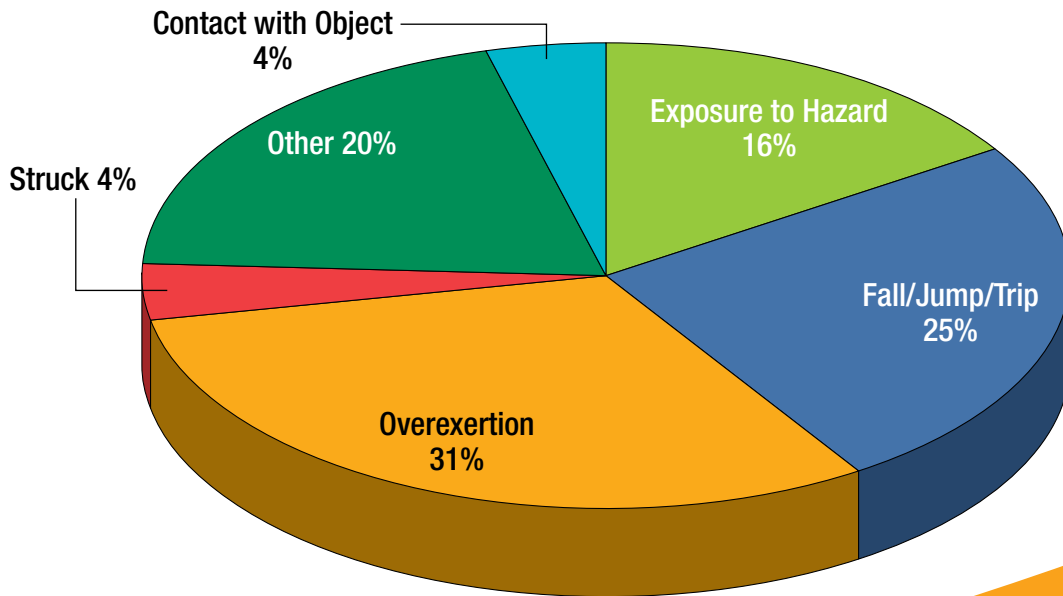
## Firefighter Injuries

In 2018, 245 Minnesota firefighters were injured on the job — a decrease of 21 percent from 2017. Of these injuries, 138 (56 percent) were fire-related. Seventy percent of these fire-related injuries occurred while firefighters were fighting residential structure fires (97). Of known causes, “overexertion” was the most common (31 percent) with fall/jump/trip as the next highest at 25 percent.

### FIREFIGHTER INJURIES



### CAUSES OF FIREFIGHTER INJURIES



## Fireworks Property Loss

The State Fire Marshal Division has gathered information about fireworks injuries and property damage since 1989. Minnesota hospitals voluntarily report injuries treated in their emergency departments during the period of June 25 through July 15 each year.

Property damage information is taken from the Minnesota Fire Incident Reporting System. From 1989 through 2001, a total of \$1.6 million in property damage resulting from fireworks use was reported, averaging more than \$123,000 per year. The total property damage due to fireworks use from 2002 through 2004 was over \$3 million. Property damage reported from 2009 through 2018 totaled almost \$4 million, averaging over almost \$400,000 per year.

FIREWORKS INCIDENTS DOLLAR LOSS <sup>†</sup>											
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Total
June–July	\$89,550	\$26,300	\$12,000	\$194,746	\$64,000	\$161,510	\$61,969	\$310,898	\$720,575	\$261,806	\$1,903,340
No. of Incidents	61	24	15	47	27	28	25	52	54	36	369
% of Total Dollar Loss	94%	19%	21%	97%	68%	9%	73%	99%	>99%	52%	48%
Average Dollar Loss	\$1,468	\$1,096	\$800	\$4,144	\$2,370	\$5,768	\$2,479	\$5,979	\$13,344	\$7,272	\$5,158
Total/Year	\$95,350	\$137,800	\$57,250	\$200,446	\$94,300	\$1,748,610 <sup>††</sup>	\$84,469	\$311,510	\$721,275	\$503,450	\$3,954,460
No. of Incidents	92	45	22	79	46	37	42	68	71	56	558
Average Dollar Loss	\$1,036	\$3,062	\$2,602	\$2,537	\$2,050	\$47,260	\$2,011	\$4,581	\$10,159	\$8,990	\$7,087

<sup>†</sup> Information source: Minnesota Fire Incident Reporting System (average of 98% of state fire departments report into this system).

<sup>††</sup> \$1.3M vehicle storage fire in Zumbrota, MN.

## Fireworks Injuries

Fireworks injuries most commonly occur to males between 10 and 29 years of age, with burns being the most common type of injury reported. Burn injuries include those to the extremities, eyes and face. It is impossible to know how many injuries occurred for which medical attention was not sought. Approximately 85 percent of Minnesota hospitals participate in the survey of fireworks injuries.

## FIREWORKS INJURIES BY AGE 2009 – 2018

Years of Age	2009		2010		2011		2012		2013		2014		2015		2016		2017		2018		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
0–9	9	16%	13	15%	17	20%	15	26%	11	18%	15	21%	19	22%	14	18%	15	18%	10	16%	138	19%
10–19	11	19%	19	22%	17	20%	8	14%	14	23%	14	20%	12	14%	21	28%	21	25%	12	19%	150	21%
20–29	16	28%	22	25%	19	23%	12	21%	12	20%	18	25%	19	22%	14	18%	22	26%	12	19%	166	23%
30–39	12	21%	10	11%	18	21%	9	16%	14	23%	12	17%	17	19%	16	21%	15	17%	15	24%	138	19%
40–49	8	14%	13	15%	4	5%	10	18%	6	10%	5	7%	15	17%	7	9%	6	7%	6	10%	80	11%
50+	1	2%	10	11%	9	11%	3	5%	3	5%	7	10%	6	7%	4	5%	6	7%	7	11%	56	8%
<b>Total</b>	<b>57</b>	<b>100%</b>	<b>87</b>	<b>100%</b>	<b>85</b>	<b>100%</b>	<b>57</b>	<b>100%</b>	<b>60</b>	<b>100%</b>	<b>71</b>	<b>100%</b>	<b>89</b>	<b>100%</b>	<b>77</b>	<b>100%</b>	<b>86</b>	<b>100%</b>	<b>64</b>	<b>100%</b>	<b>728</b>	<b>100%</b>
Male	45	79%	61	70%	66	78%	33	58%	45	76%	52	74%	58	65%	49	64%	61	70%	50	81%	520	71%
Female	12	21%	26	30%	19	22%	24	42%	15	24%	19	26%	31	35%	27	35%	24	30%	12	19%	209	29%

\* Information collected from survey conducted at Minnesota hospitals from June 22 through July 15 each year.

\*\* There was one injury in 2011, one injury in 2015, one injury in 2016, one injury in 2017 and two injuries in 2018 that listed age as “unknown” or “0.”

† There was one fire death from fireworks in 2015.

## SUMMARY

Historically, Minnesotans have been at greatest risk of fire death and injury in their own homes. In 2018, 74 percent of fire deaths and 78 percent of civilian injuries occurred in residential settings. Ninety-three percent of fire deaths in structures were in residential property. The presence or absence of working smoke alarms is often a factor in fire fatalities. In 36 percent of fire deaths occurring in dwellings, smoke alarms were not present or not working. In 14 percent of residential deaths, it was not known whether alarms were present or functioning.

Careless smoking was the leading cause of fire deaths in 2018 with 10 fire deaths. Alcohol or drug use was an impairing factor in 49 percent of all fire deaths.

Overall, fire deaths have decreased over the past 30 years in Minnesota, even as the population has grown. However, many preventable tragedies continue to occur. Prevention and education efforts, particularly those targeting vulnerable populations, are essential to reduce losses from fire.

A group of firefighters in full gear, including helmets and air tanks, are positioned at a night fire scene. The scene is illuminated by the bright orange and yellow flames of a fire in the background. The firefighters are wearing brown turnout gear with reflective yellow stripes. One firefighter's air tank is labeled 'MSA'. Another firefighter's name 'CRAWFORD' is visible on their back. The word 'PARTICIPATION' is overlaid in large, bold, red letters with a yellow outline across the center of the image. The background is a dark night sky with a large plume of fire rising into the air.

# PARTICIPATION

# Minnesota Fire Incident Reporting System

The Minnesota State Fire Marshal Division appreciates the efforts of the fire departments that submitted data via the Minnesota Fire Incident Reporting System (MFIRS) in 2018.

This information is essential if we are to understand and effectively combat the fire problem in Minnesota. It allows the division to focus on real fire problems, rather than popular perceptions. On the local level, this data provides information to help focus on prevention efforts; it also assists with budget planning for staffing and equipment.

Fire data is requested on a weekly basis by the media, the public, the fire service, and the fire protection community. It is used to support

legislative initiatives and to guide public fire/safety campaigns.

Information about reporting departments is listed on the following pages. In 83 of Minnesota's 87 counties last year, 100 percent of the fire departments reported via the MFIRS system.

In some instances, the protection district of the reporting fire department goes beyond its county boundary, but the incident is recorded within the department's home county. The fire rate equals one fire per number of persons indicated. For example, in Aitkin County in 2018, there was one fire for every 330 people.

## RUNS, DOLLAR LOSSES AND DEATHS BY COUNTY

County	Population	Fire Runs	Other Runs	Total County Dollar Loss	Fire Rate	Avg. Dollar Loss/Fire	Fire Deaths
Aitkin	15,829	56	178	\$1,182,920	330	\$24,644	1
Anoka	351,373	896	18,199	\$17,561,962	501	\$25,053	2
Becker	34,098	171	495	\$1,451,200	310	\$13,193	
Beltrami	46,513	169	894	\$2,090,926	372	\$16,727	
Benton	39,937	85	513	\$1,082,957	540	\$14,635	2
Big Stone	5,026	19	33	\$468,620	387	\$36,048	
Blue Earth	66,973	160	3,355	\$1,048,850	468	\$7,335	
Brown	25,194	42	121	\$685,589	614	\$16,722	
Carlton	35,498	195	3,990	\$2,016,418	320	\$18,166	2
Carver	102,119	227	3,525	\$2,572,717	804	\$20,258	1
Cass	29,355	130	466	\$2,368,862	231	\$21,535	1
Chippewa	11,980	30	51	\$302,400	428	\$10,800	
Chisago	55,308	200	1,199	\$1,566,723	422	\$11,960	1
Clay	63,569	166	4,037	\$2,264,222	432	\$15,403	
Clearwater	8,878	48	148	\$651,000	202	\$14,795	
Cook	5,398	41	149	\$1,183,300	245	\$53,786	
Cottonwood	11,295	20	88	\$183,000	664	\$10,765	
Crow Wing	64,424	227	1,634	\$8,283,602	360	\$46,277	1
Dakota	421,751	690	23,596	\$13,459,667	712	\$22,736	4
Dodge	20,762	67	825	\$2,496,201	461	\$55,471	

## RUNS, DOLLAR LOSSES AND DEATHS BY COUNTY

County	Population	Fire Runs	Other Runs	Total County Dollar Loss	Fire Rate	Avg. Dollar Loss/Fire	Fire Deaths
Douglas	37,575	156	513	\$2,229,690	283	\$16,765	3
Faribault	13,784	69	231	\$2,504,200	104	\$52,171	
Fillmore	20,980	76	145	\$1,593,292	333	\$25,290	
Freeborn	30,535	105	2,625	\$898,893	397	\$11,674	
Goodhue	46,304	140	4,340	\$2,377,297	362	\$18,573	
Grant	5,941	37	101	\$427,507	238	\$17,100	1
Hennepin	1,252,024	3040	93,146	\$36,323,569	470	\$13,630	5
Houston	18,660	38	437	\$228,100	602	\$7,358	
Hubbard	21,018	79	67	\$2,668,141	412	\$52,316	
Isanti	39,582	116	1,350	\$1,659,750	408	\$17,111	
Itasca	45,137	203	1,245	\$2,840,200	295	\$18,563	
Jackson	9,946	20	89	\$199,400	710	\$14,243	
Kanabec	16,024	56	68	\$255,200	320	\$5,104	1
Kandiyohi	42,743	135	396	\$1,919,760	407	\$18,283	1
Kittson	4,250	89	101	\$113,100	69	\$1,824	
Koochiching	12,528	50	1,590	\$197,000	272	\$4,283	
Lac Qui Parle	6,685	11	61	\$176,508	608	\$16,046	
Lake	10,524	67	151	\$492,550	957	\$11,727	
Lake of the Woods	3,744	6	3	\$5,100	749	\$1,020	
LeSueur	28,111	67	549	\$1,323,400	485	\$22,817	
Lincoln	5,678	18	19	\$342,400	315	\$19,022	
Lyon	25,831	93	331	\$3,288,051	423	\$53,902	
McLeod	35,884	138	1,183	\$1,185,618	386	\$12,749	
Mahnomen	5,596	28	45	\$170,005	400	\$12,143	
Marshall	9,356	60	124	\$636,706	187	\$12,734	
Martin	19,850	43	155	\$479,904	536	\$12,970	
Meeker	23,131	99	404	\$1,221,601	297	\$15,662	
Mille Lacs	25,872	123	498	\$3,290,900	275	\$35,010	
Morrison	33,064	159	507	\$1,803,863	225	\$12,271	
Mower	39,566	98	1,033	\$1,456,302	435	\$16,003	
Murray	8,346	40	56	\$386,900	379	\$17,586	
Nicollet	33,966	68	292	\$464,500	708	\$9,677	
Nobles	21,944	57	240	\$744,650	457	\$14,601	
Norman	6,597	38	148	\$318,500	471	\$22,750	



## RUNS, DOLLAR LOSSES AND DEATHS BY COUNTY

County	Population	Fire Runs	Other Runs	Total County Dollar Loss	Fire Rate	Avg. Dollar Loss/Fire	Fire Deaths
Olmsted	154,930	209	10,447	\$1,229,345	807	\$6,403	
Otter Tail	58,345	281	826	\$4,347,712	282	\$21,003	
Pennington	14,238	60	185	\$789,000	259	\$14,345	
Pine	29,203	139	504	\$828,201	304	\$8,627	
Pipestone	9,087	44	75	\$965,200	313	\$33,283	
Polk	31,619	110	1,542	\$1,336,225	326	\$13,776	1
Pope	10,970	41	89	\$131,500	354	\$4,242	
Ramsey	547,974	1867	37,516	\$12,166,139	307	\$6,820	5
Red Lake	4,030	10	4	\$17,300	403	\$1,730	
Redwood	15,272	48	81	\$582,175	424	\$16,172	
Renville	14,645	60	51	\$1,063,450	396	\$28,742	
Rice	65,968	206	2,657	\$3,403,400	327	\$16,849	
Rock	9,490	24	123	\$565,050	47	\$29,739	
Roseau	15,327	75	91	\$1,274,875	236	\$19,613	
St. Louis	200,000	946	22,365	\$15,015,984	321	\$24,103	1
Scott	145,827	306	4,130	\$6,671,111	672	\$30,742	
Sherburne	94,570	219	1,643	\$5,122,367	577	\$31,234	
Sibley	14,869	34	268	\$989,025	572	\$38,039	
Stearns	157,822	477	9,079	\$11,284,840	372	\$26,615	2
Steele	36,887	90	658	\$1,191,042	492	\$15,881	
Stevens	9,634	13	66	\$280,500	876	\$25,500	
Swift	9,407	59	69	\$1,672,915	254	\$45,214	
Todd	24,515	120	344	\$507,700	258	\$5,344	1
Traverse	3,319	19	18	\$851,700	35	\$53,231	
Wabasha	21,608	55	318	\$1,003,800	441	\$20,486	
Wadena	13,669	59	242	\$379,000	342	\$9,475	
Waseca	18,787	65	985	\$1,364,831	408	\$29,670	
Washington	256,348	467	16,948	\$6,530,994	745	\$18,985	
Watonwan	10,840	33	124	\$603,800	401	\$22,363	
Wilkin	6,324	34	101	\$200,002	226	\$7,143	
Winona	50,873	124	2,946	\$1,240,858	471	\$11,489	1
Wright	134,286	304	3,399	\$6,885,248	662	\$33,917	
Yellow Medicine	9,867	53	109	\$1,696,353	215	\$36,877	
<b>Total</b>		<b>15,912</b>	<b>293,742</b>	<b>\$229,335,335</b>	<b>431</b>	<b>\$17,738</b>	<b>37</b>

## FIRE DEPARTMENTS REPORTING IN 2018

Department	County	Fires	Non-Fires	Dollar Loss
Ada-Borup	Norman	2	5	\$225,000
Adams	Mower	7	28	\$430,300
Adrian	Nobles	7	51	\$10,000
Aitkin	Aitkin	28	57	\$837,500
Alaska	Beltrami	6	8	\$7,000
Albany	Stearns	15	206	\$240,775
Albert Lea	Freeborn	56	2,199	\$386,693
Albertville	Wright	30	335	\$1,154,520
Alborn	St. Louis	10	58	\$17,000
Alden	Freeborn	6	52	\$36,000
Alexandria	Douglas	60	147	\$1,493,790
Almelund	Chisago	12	30	\$35,501
Alpha	Jackson	1	24	\$0
Altura	Winona	5	12	\$75,000
Alvarado	Marshall	6	28	\$305,001
Amboy	Blue Earth	0	1	\$0
Andover	Anoka	49	1,074	\$695,155
Annandale	Wright	10	216	\$64,000
Anoka-Champlin	Anoka	93	617	\$1,505,800
Apple Valley	Dakota	97	1,972	\$3,228,247
Appleton	Swift	9	16	\$0
Arco	Lincoln	0	1	\$0
Argyle	Marshall	3	33	\$0
Arlington	Sibley	3	58	\$0
Arrowhead	St. Louis	1	0	\$0
Ashby	Grant	14	7	\$402,000
Askov	Pine	6	57	\$141,000
Atwater	Kandiyohi	8	19	\$500
Audubon	Becker	22	17	\$127,300
Aurora	St. Louis	5	44	\$1,500
Austin	Mower	42	863	\$266,050
Avon	Stearns	18	152	\$143,200
Babbitt	St. Louis	12	42	\$215,750
Backus	Cass	8	16	\$525,000
Badger	Roseau	12	6	\$5
Bagley	Clearwater	22	42	\$0
Balaton	Lyon	2	3	\$95,000
Balsam Vol.	Itasca	10	92	\$22,350

## FIRE DEPARTMENTS REPORTING IN 2018

Department	County	Fires	Non-Fires	Dollar Loss
Barnesville	Clay	18	32	\$353,100
Barnum	Carlton	22	125	\$10,000
Barrett	Grant	3	8	\$3,500
Battle Lake	Ottertail	8	13	\$0
Baudette	Lake Of The Woods	1	1	\$0
Bayport	Washington	38	1,185	\$1,579,750
Bear Creek	Clearwater	0	0	\$0
Beardsley	Big Stone	1	1	\$0
Bearville Township	Itasca	2	6	\$0
Beaver Creek	Rock	4	26	\$523,000
Becker	Sherburne	24	465	\$326,600
Belgrade	Stearns	11	83	\$549,000
Belle Plaine	Scott	7	93	\$162,000
Bellingham	Lac Qui Parle	1	18	\$0
Beltrami	Polk	3	7	\$0
Belview	Redwood	4	2	\$0
Bemidji	Beltrami	124	854	\$949,425
Benson	Swift	20	33	\$1,265,610
Bertha	Todd	22	22	\$222,100
Bethel	Anoka	14	32	\$0
Big Falls	Koochiching	1	4	\$300
Big Lake	Sherburne	38	130	\$2,011,000
Bigelow	Nobles	12	14	\$30,000
Bigfork	Itasca	21	37	\$282,500
Birchdale	Sherburne	0	1	\$0
Bird Island	Renville	9	4	\$469,000
Biwabik	St. Louis	11	21	\$57,100
Biwabik Township	St. Louis	7	9	\$1,000
Blackduck	Beltrami	18	18	\$1,019,001
Blackhoof	Carlton	14	43	\$48,000
Blomkest	Kandiyohi	9	33	\$4,000
Blooming Prairie	Steele	17	44	\$638,542
Bloomington	Hennepin	208	1,436	\$1,106,098
Blue Earth	Faribault	19	80	\$79,500
Bluffton	Ottertail	5	4	\$0
Bois Forte	St. Louis	1	2	\$0
Bowlus	Morrison	8	7	\$38,500
Boyd	Lac Qui Parle	0	26	\$0

## FIRE DEPARTMENTS REPORTING IN 2018

Department	County	Fires	Non-Fires	Dollar Loss
Braham	Isanti	2	0	\$5,000
Brainerd	Crow Wing	64	438	\$2,259,600
Brandon	Douglas	12	92	\$139,250
Breckenridge	Wilkin	11	23	\$200,000
Breitung Township	St. Louis	11	37	\$11,000
Brewster	Nobles	3	47	\$27,600
Bricelyn	Faribault	5	11	\$1,062,500
Brimson	St. Louis	2	13	\$5,000
Brook Park	Pine	11	12	\$71,000
Brooklyn Center	Hennepin	94	1,323	\$1,389,900
Brooklyn Park	Hennepin	213	9,155	\$1,061,486
Brooten	Stearns	7	27	\$355,900
Browerville	Todd	17	68	\$71,150
Browns Valley	Traverse	5	4	\$1,200
Brownsdale	Mower	5	72	\$230,000
Brownsville	Houston	2	36	\$9,000
Brownton	McLeod	6	84	\$27,000
Bruno	Pine	3	8	\$0
Buffalo	Wright	32	193	\$251,075
Buffalo Lake	Renville	6	10	\$20,250
Buhl	St. Louis	7	13	\$0
Burnsville	Dakota	103	6,996	\$745,064
Butterfield	Watonwan	1	23	\$0
Buyck	St. Louis	0	2	\$0
Byron	Olmsted	11	71	\$153,000
Caledonia	Houston	9	20	\$75,100
Callaway	Becker	9	9	\$51,500
Cambridge	Isanti	42	343	\$313,300
Camp Ripley	Morrison	37	77	\$1,000
Campbell	Wilkin	3	5	\$2
Canby	Yellow Medicine	13	25	\$242,250
Cannon Falls	Goodhue	21	252	\$812,500
Canosia Township	St. Louis	26	156	\$8,600
Canton	Fillmore	7	5	\$0
Carlos	Douglas	9	4	\$0
Carlton	Carlton	27	172	\$44,600
Carsonville	Becker	25	220	\$258,400
Carver	Carver	14	163	\$7,000

## FIRE DEPARTMENTS REPORTING IN 2018

Department	County	Fires	Non-Fires	Dollar Loss
Cass Lake	Cass	30	34	\$0
Centennial	Anoka	26	329	\$752,688
Center City	Chisago	14	164	\$90,100
Central Lakes	St. Louis	3	0	\$0
Ceylon	Martin	2	2	\$5,000
Chain Of Lakes	Stearns	8	19	\$50,000
Chandler	Murray	7	15	\$0
Chanhassen	Carver	34	882	\$47,004
Chaska	Carver	40	811	\$236,710
Chatfield	Fillmore	10	34	\$45,251
Cherry Township	St. Louis	11	47	\$22,500
Chisago City	Chisago	20	66	\$0
Chisholm	St. Louis	35	112	\$916,200
Chokio	Stevens	3	7	\$0
Clara City	Chippewa	11	6	\$7,400
Claremont	Dodge	4	16	\$1,135,000
Clarissa	Todd	6	99	\$35,000
Clarkfield	Yellow Medicine	4	1	\$10,000
Clarks Grove	Freeborn	8	93	\$324,700
Clear Lake	Sherburne	24	223	\$713,002
Clearbrook	Clearwater	18	97	\$46,000
Clearwater	Wright	13	238	\$41,500
Clements	Redwood	1	0	\$4,000
Cleveland	Lesueur	10	65	\$102,000
Clifton Township	St. Louis	9	12	\$357,500
Climax	Polk	0	9	\$0
Clinton	Big Stone	6	9	\$439,700
Clinton Township	St. Louis	11	11	\$924,300
Clontarf	Swift	3	1	\$0
Cloquet Area	Carlton	33	2,808	\$878,825
Cohasset	Itasca	23	205	\$165,100
Cokato	Wright	13	93	\$102,600
Cold Spring	Stearns	6	100	\$310,000
Cologne	Carver	21	77	\$750
Columbia Heights	Anoka	62	2,977	\$618,385
Colvill Area	Cook	3	33	\$0
Colvin Township	St. Louis	0	1	\$0
Comfrey	Brown	2	6	\$105,000

## FIRE DEPARTMENTS REPORTING IN 2018

Department	County	Fires	Non-Fires	Dollar Loss
Conger	Freeborn	7	14	\$30,000
Cook	St. Louis	19	39	\$4,138,375
Coon Rapids	Anoka	117	6,295	\$1,653,105
Correll	Big Stone	0	0	\$0
Cosmos	Meeker	13	9	\$296,100
Cottage Grove	Washington	39	3,133	\$463,600
Cotton Volunteer	St. Louis	10	53	\$0
Cottonwood	Lyon	12	15	\$301,200
Courtland	Nicollet	10	49	\$30,100
Crane Lake	St. Louis	0	9	\$0
Cromwell	Carlton	8	12	\$192,000
Crooked Lake Township	Cass	6	29	\$15,000
Crookston	Polk	28	273	\$640,075
Crosby	Crow Wing	19	32	\$882,700
Crosslake	Crow Wing	16	335	\$1,460,700
Culver	St. Louis	0	0	\$0
Currie	Murray	1	4	\$0
Cuyuna	Crow Wing	2	54	\$0
Cyrus	Pope	6	8	\$6,000
Dakota	Winona	5	101	\$0
Dalbo	Isanti	19	86	\$634,350
Dalton	Ottertail	6	51	\$0
Danube	Renville	7	3	\$0
Danvers	Swift	8	4	\$21,800
Darfur	Watonwan	1	5	\$0
Dassel	Meeker	23	279	\$303,000
Dawson	Lac Qui Parle	7	4	\$8
Dayton	Hennepin	15	237	\$57,450
Deer Creek	Ottertail	4	48	\$15,000
Deer River	Itasca	34	35	\$198,600
Deerwood	Crow Wing	17	17	\$451,300
Degraff	Swift	9	0	\$500
Delano	Wright	31	548	\$1,706,250
Delavan	Faribault	3	11	\$565,000
Dent	Ottertail	23	19	\$64,000
Detroit Lakes	Becker	52	186	\$406,500
Dexter	Mower	7	2	\$2
Dilworth	Clay	24	63	\$232,100

**FIRE DEPARTMENTS REPORTING IN 2018**

Department	County	Fires	Non-Fires	Dollar Loss
Dodge Center	Dodge	11	168	\$272,000
Donnelly	Stevens	1	2	\$0
Dover	Olmsted	14	38	\$47,500
Dovray	Murray	3	2	\$0
Duluth	St. Louis	227	12,984	\$1,796,548
Dumont	Traverse	1	0	\$80,000
Dunnell-Lake Fremont	Martin	2	16	\$52,000
Duxbury	Pine	4	44	\$85,600
Eagan	Dakota	88	2,782	\$585,215
Eagle Bend	Todd	0	8	\$0
Eagle Lake	Blue Earth	7	120	\$25,000
Eagles Nest	St. Louis	0	29	\$0
East Bethel	Anoka	48	583	\$771,850
East Grand Forks	Polk	20	984	\$277,050
East Hubbard County	Hubbard	7	9	\$500
Easton	Faribault	12	17	\$61,500
Echo	Yellow Medicine	2	4	\$10,000
Eden Prairie	Hennepin	65	1,791	\$679,995
Eden Valley	Meeker	12	13	\$404,500
Edgerton	Pipestone	6	16	\$105,500
Edina	Hennepin	88	5,782	\$1,221,575
Eitzen	Houston	8	23	\$0
Elbow Lake	Grant	3	63	\$0
Elbow-Tulaby Lakes	Becker	4	5	\$0
Elgin	Wabasha	0	1	\$0
Elizabeth	Ottertail	12	40	\$0
Elk River	Sherburne	62	417	\$802,600
Ellendale	Steele	17	44	\$131,400
Ellsburg	St. Louis	9	19	\$100,000
Ellsworth	Nobles	1	27	\$60,000
Elmer	St. Louis	0	1	\$0
Elmore	Faribault	3	52	\$0
Elrosa	Stearns	4	18	\$0
Ely	St. Louis	18	231	\$244,500
Elysian	Lesueur	6	77	\$80,000
Embarrass	St. Louis	9	40	\$30,000
Emily	Crow Wing	5	18	\$0
Emmons	Freeborn	1	29	\$0

## FIRE DEPARTMENTS REPORTING IN 2018

Department	County	Fires	Non-Fires	Dollar Loss
Erskine	Polk	14	117	\$23,000
Evansville	Douglas	2	26	\$0
Eveleth	St. Louis	18	105	\$2,000
Evergreen	St. Louis	6	1	\$0
Excelsior	Hennepin	34	801	\$1,421,619
Eyota	Olmsted	1	14	\$0
Fairfax	Renville	11	4	\$47,700
Fairmont	Martin	18	113	\$212,500
Falcon Heights	Ramsey	27	123	\$3,400
Faribault	Rice	105	2,444	\$1,157,800
Farmington	Dakota	28	723	\$1,049,050
Fayal	St. Louis	34	130	\$65,000
Federal Dam	Cass	8	58	\$0
Felton	Clay	8	6	\$12,000
Fergus Falls	Ottertail	47	183	\$267,810
Fertile	Polk	14	21	\$0
Fifty Lakes	Crow Wing	2	39	\$16,000
Finland	Lake	10	9	\$31,000
Finlayson	Pine	12	69	\$20,000
Fisher	Polk	0	1	\$0
Flensburg	Morrison	3	0	\$650,000
Floodwood	St. Louis	12	24	\$128,000
Foley	Benton	29	182	\$754,000
Forada Township	Douglas	14	51	\$2,000
Forest Lake	Washington	55	427	\$817,140
Foreston	Mille Lacs	11	35	\$338,000
Fosston	Polk	17	37	\$61,100
Fountain	Fillmore	6	3	\$0
Foxhome	Wilkin	1	2	\$0
Franklin	Renville	1	0	\$3,000
Frazee	Becker	10	14	\$587,500
Fredenberg Township	St. Louis	8	81	\$10,000
Freeborn	Freeborn	3	1	\$0
Freeport	Stearns	10	62	\$240,075
French Township	St. Louis	9	21	\$56,000
Fridley	Anoka	126	2,385	\$1,129,299
Frost	Faribault	5	4	\$506,000
Fulda	Murray	7	10	\$51,200



## FIRE DEPARTMENTS REPORTING IN 2018

Department	County	Fires	Non-Fires	Dollar Loss
Garfield	Douglas	13	91	\$59,700
Garrison	Crow Wing	20	211	\$2,249,000
Garvin	Lyon	3	2	\$0
Gary	Norman	4	1	\$0
Gaylord	Sibley	10	30	\$70,875
Geneva	Freeborn	6	63	\$5,000
Ghent	Lyon	7	21	\$0
Gibbon	Sibley	7	9	\$266,500
Gilbert	St. Louis	28	19	\$1
Glencoe	McLeod	30	72	\$151,000
Glenville	Freeborn	4	55	\$9,000
Glenwood	Pope	26	69	\$43,000
Glyndon	Clay	16	164	\$173,000
Gnesen Township	St. Louis	2	61	\$0
Golden Valley	Hennepin	54	587	\$630,072
Gonvick	Clearwater	1	0	\$0
Good Thunder	Blue Earth	2	28	\$0
Goodhue	Goodhue	20	19	\$1,068,050
Goodland Township	Itasca	0	0	\$0
Goodridge	Pennington	10	0	\$282,500
Goodview	Winona	5	171	\$170,100
Graceville	Big Stone	5	4	\$8,100
Granada	Martin	0	0	\$0
Grand Lake Township	St. Louis	20	176	\$1,036,000
Grand Marais	Cook	15	46	\$38,600
Grand Meadow	Mower	12	36	\$359,300
Grand Portage	Itasca	0	0	\$0
Grand Rapids	Itasca	41	147	\$234,750
Granite Falls	Yellow Medicine	18	51	\$48,053
Greaney-Rauch-Silverdale	St. Louis	0	0	\$0
Green Isle	Sibley	5	43	\$4,650
Greenbush	Roseau	25	16	\$851,970
Greenway Township	Itasca	10	196	\$20,000
Greenwood Township	St. Louis	11	176	\$82,000
Grey Eagle	Todd	4	0	\$45,500
Grove City	Meeker	9	11	\$1
Grygla	Marshall	0	0	\$0
Gunflint Trail	Cook	1	2	\$0

## FIRE DEPARTMENTS REPORTING IN 2018

Department	County	Fires	Non-Fires	Dollar Loss
Hackensack	Cass	11	20	\$209,250
Hallock	Kittson	15	27	\$75,000
Halstad	Norman	11	12	\$0
Ham Lake	Anoka	33	471	\$343,700
Hamburg	Carver	7	35	\$70,000
Hamel	Hennepin	15	176	\$51,500
Hancock	Stevens	1	2	\$0
Hanley Falls	Yellow Medicine	4	2	\$1,280,000
Hanover	Wright	28	204	\$7,050
Hanska	Brown	1	1	\$20,000
Hardwick	Rock	5	15	\$5,500
Harmony	Fillmore	9	8	\$334,500
Harris	Chisago	15	64	\$0
Hartland	Freeborn	2	8	\$14,500
Hastings	Dakota	72	484	\$2,007,340
Hawley	Clay	16	58	\$191,500
Hayfield	Dodge	15	33	\$355,001
Hayward	Freeborn	3	43	\$2,000
Hector	Renville	7	9	\$425,000
Henderson	Sibley	1	85	\$0
Hendricks	Lincoln	3	4	\$297,400
Hendrum	Norman	6	25	\$16,500
Henning	Ottertail	7	18	\$1,500
Herman	Grant	6	2	\$22,005
Hermantown	St. Louis	32	993	\$97,050
Heron Lake	Jackson	3	18	\$1,500
Hewitt	Todd	3	29	\$8,500
Hibbing	St. Louis	61	2,731	\$339,910
Hidden Valley	Winona	0	46	\$0
Hill City	Aitkin	4	41	\$32,500
Hills	Rock	5	38	\$2,150
Hinckley	Pine	25	47	\$11,500
Hitterdal	Clay	1	0	\$0
Hoffman	Grant	6	7	\$2
Hokah	Houston	1	1	\$0
Holdingsford	Stearns	10	160	\$8,300
Holland	Pipestone	8	0	\$11,000
Hollandale	Freeborn	3	47	\$15,000

## FIRE DEPARTMENTS REPORTING IN 2018

Department	County	Fires	Non-Fires	Dollar Loss
Hopkins	Hennepin	32	1,478	\$79,400
Houston	Houston	2	14	\$60,000
Hovland	Cook	7	30	\$0
Howard Lake	Wright	18	85	\$1,348,750
Hoyt Lakes	St. Louis	5	23	\$20,000
Hugo	Washington	29	246	\$0
Hutchinson	McLeod	42	436	\$803,218
Ideal Township	Crow Wing	15	108	\$0
Industrial	St. Louis	4	11	\$0
International Falls	Koochiching	24	1,572	\$92,000
Inver Grove Heights	Dakota	69	1,502	\$453,400
Iona	Murray	5	9	\$500
Ironton	Crow Wing	<b>DID NOT REPORT</b>		
Isanti	Isanti	53	921	\$707,100
Isle	Mille Lacs	24	26	\$771,550
Itasca Township	Clearwater	1	0	\$600,000
Ivanhoe	Lincoln	5	2	\$45,000
Jackson	Jackson	8	23	\$70,900
Jacobson	Aitkin	2	25	\$0
Janesville	Waseca	17	163	\$0
Jasper	Pipestone	7	8	\$103,000
Jeffers	Cottonwood	2	4	\$0
Jordan	Scott	23	173	\$684,900
Kabetogama	St. Louis	0	0	\$0
Kandiyohi	Kandiyohi	10	7	\$87,000
Karlstad	Kittson	27	51	\$30,000
Kasota	Lesueur	11	109	\$3,300
Kasson	Dodge	15	405	\$271,200
Keewatin	Itasca	17	114	\$17,500
Kelliher	Beltrami	14	11	\$63,500
Kellogg	Wabasha	4	0	\$10,000
Kelsey Township	St. Louis	3	0	\$115,000
Kennedy	Kittson	6	9	\$5,000
Kensington	Douglas	0	0	\$0
Kenyon	Goodhue	8	12	\$4
Kerkhoven	Swift	7	13	\$5
Kerrick	Pine	2	0	\$0
Kettle River	Carlton	18	50	\$5,700

## FIRE DEPARTMENTS REPORTING IN 2018

Department	County	Fires	Non-Fires	Dollar Loss
Kiester	Faribault	1	0	\$0
Kilkenny	Lesueur	1	0	\$0
Kimball	Stearns	15	166	\$64,000
Kinney-Great Scott	St. Louis	6	1	\$0
Lacrescent	Houston	8	331	\$69,000
Lafayette	Nicollet	5	18	\$0
Lake Benton	Lincoln	8	7	\$0
Lake Bronson	Kittson	20	6	\$100
Lake City	Wabasha	26	91	\$425,500
Lake Crystal	Blue Earth	8	47	\$30,000
Lake Elmo	Washington	24	432	\$253,400
Lake George	Hubbard	7	5	\$0
Lake Henry	Stearns	6	11	\$65,000
Lake Johanna	Ramsey	49	3,521	\$1,711,650
Lake Lillian	Kandiyohi	1	0	\$405,244
Lake Park	Becker	19	20	\$0
Lake Wilson	Murray	5	3	\$1,700
Lakefield	Jackson	5	19	\$27,000
Lakeland Township	St. Louis	2	4	\$53,500
Lakeport	Hubbard	5	8	\$98,500
Lakeville	Dakota	91	1,406	\$3,193,089
Lakewood Township	St. Louis	21	91	\$101,000
Lamberton	Redwood	3	9	\$247,500
Lancaster	Kittson	21	8	\$3,000
Lanesboro	Fillmore	3	11	\$21,600
Lasalle	Watonwan	0	0	\$0
Leaf Valley Township	Douglas	0	1	\$0
Lecenter	Lesueur	7	24	\$118,000
Leroy	Mower	9	13	\$22,900
Lester Prairie	Mcleod	12	140	\$43,500
Lesueur	Lesueur	21	52	\$779,100
Lewiston	Winona	13	42	\$375,500
Lewisville	Watonwan	3	3	\$43,100
Lexington	Anoka	15	198	\$81,760
Lindstrom	Chisago	19	37	\$0
Lino Lakes	Anoka	31	324	\$143,300
Linwood Township	Anoka	17	243	\$406,725
Lismore	Nobles	3	1	\$30,000

## FIRE DEPARTMENTS REPORTING IN 2018

Department	County	Fires	Non-Fires	Dollar Loss
Litchfield	Meeker	33	80	\$208,000
Little Canada	Ramsey	65	239	\$57,650
Little Falls	Morrison	46	91	\$674,000
Littlefork	Koochiching	13	11	\$99,200
Loman	Koochiching	2	0	\$5,500
London Township	Freeborn	1	5	\$75,000
Long Lake	Hennepin	28	381	\$1,595,000
Long Prairie	Todd	38	86	\$51,000
Longville	Cass	1	1	\$2
Lonsdale	Rice	13	2	\$114,000
Loretto	Hennepin	25	186	\$730,000
Louisburg	Lac Qui Parle	0	0	\$0
Lower St. Croix Valley	Washington	30	445	\$84,300
Lowry	Pope	5	5	\$41,500
Lucan	Redwood	0	0	\$0
Lutsen	Cook	6	19	\$544,200
Luverne	Rock	7	30	\$34,400
Lyle	Mower	11	12	\$52,250
Lynd	Lyon	0	0	\$0
Mabel	Fillmore	14	17	\$0
Madelia	Watonwan	10	23	\$299,000
Madison	Lac Qui Parle	3	13	\$176,500
Madison Lake	Blue Earth	3	58	\$15,000
Magnolia	Rock	3	14	\$0
Mahnomen	Mahnomen	11	27	\$0
Mahtomedi	Washington	36	919	\$268,080
Mahtowa	Carlton	13	63	\$442,243
Makinen	St. Louis	2	5	\$0
Manchester	Freeborn	0	0	\$0
Mankato	Blue Earth	113	2,763	\$699,850
Mantorville	Dodge	8	108	\$33,000
Maple Grove	Hennepin	71	845	\$1,528,402
Maple Hill	Cook	7	12	\$600,500
Maple Lake	Wright	18	89	\$190,500
Maple Plain	Hennepin	18	263	\$0
Mapleton	Blue Earth	12	163	\$0
Mapleview	Mower	0	0	\$0
Maplewood	Ramsey	100	6,045	\$655,050

## FIRE DEPARTMENTS REPORTING IN 2018

Department	County	Fires	Non-Fires	Dollar Loss
Marietta	Lac Qui Parle	0	0	\$0
Marine On St. Croix	Washington	6	75	\$25,000
Marshall	Lyon	35	171	\$2,150,850
Mayer	Carver	17	86	\$250,000
Maynard	Chippewa	1	4	\$20,000
Mazeppa	Wabasha	2	72	\$300,000
Mcdavitt	St. Louis	3	15	\$100,000
Mcgrath	Aitkin	9	5	\$156,000
Mcgregor	Aitkin	4	10	\$156,700
Mcintosh	Polk	7	45	\$335,000
Mckinley	St. Louis	0	0	\$0
Mdewakanton	Scott	41	1,847	\$23,150
Meadowlands	St. Louis	8	0	\$100
Medford	Steele	7	139	\$15,750
Medicine Lake	Hennepin	1	14	\$0
Melrose	Stearns	16	77	\$100,451
Menahga	Wadena	5	4	\$102,000
Mendota Heights	Dakota	12	290	\$1,182,700
Mentor	Polk	7	48	\$0
Middle River	Marshall	3	0	\$175,000
Miesville	Dakota	21	87	\$30,000
Milaca	Mille Lacs	28	66	\$624,800
Milan	Chippewa	4	4	\$30,000
Millerville	Douglas	8	2	\$14,250
Milroy	Redwood	4	1	\$0
Miltona	Douglas	12	80	\$1,000
Minneapolis	Hennepin	1,187	45,935	\$19,060,854
Minneota	Lyon	9	26	\$675,501
Minnesota City	Winona	0	7	\$0
Minnesota Lake	Faribault	5	10	\$0
Minnetonka	Hennepin	63	3,548	\$646,228
Mission Township	Crow Wing	15	102	\$40,002
Montevideo	Chippewa	13	37	\$225,000
Montgomery	Lesueur	11	51	\$241,000
Monticello	Wright	24	237	\$122,603
Montrose	Wright	20	193	\$275,200
Moorhead	Clay	79	3,714	\$1,302,522
Moose Lake	Carlton	24	402	\$355,050

## FIRE DEPARTMENTS REPORTING IN 2018

Department	County	Fires	Non-Fires	Dollar Loss
Mora	Kanabec	37	55	\$208,000
Morgan	Redwood	4	0	\$41,600
Morris	Stevens	8	55	\$280,500
Morristown	Rice	4	1	\$16,000
Morse Fall Lake	St. Louis	5	18	\$5,000
Morton	Renville	1	2	\$0
Motley	Morrison	13	160	\$131,000
Mound	Hennepin	48	554	\$414,725
Mountain Iron	St. Louis	21	44	\$89,000
Mountain Lake	Cottonwood	2	16	\$0
MSP International Airport	Hennepin	38	2,909	\$24,800
Murdock	Swift	3	2	\$385,000
Myrtle	Freeborn	5	8	\$1,000
Nashwauk	Itasca	19	32	\$175,600
Nassau	Lac Qui Parle	0	0	\$0
Nerstrand	Rice	6	8	\$202,600
Nevis	Hubbard	10	3	\$89,400
New Auburn	Sibley	3	32	\$440,000
New Brighton	Ramsey	54	236	\$320,200
New Germany	Carver	12	54	\$400,200
New London	Kandiyohi	22	51	\$366,175
New Market	Scott	25	300	\$333,106
New Munich	Stearns	1	34	\$0
New Prague	Scott	29	109	\$139,850
New Richland	Waseca	15	107	\$100,011
New Ulm	Brown	26	68	\$269,289
New York Mills	Ottertail	35	172	\$281,000
Newfolden	Marshall	16	19	\$80,000
Newport	Washington	11	132	\$18,950
Nicollet	Nicollet	7	76	\$375,000
Nielsville	Polk	<b>DID NOT REPORT</b>		
Nisswa	Crow Wing	26	248	\$287,500
Nodine	Winona	8	96	\$118,000
Normanna Township	St. Louis	10	25	\$1,000
North Branch	Chisago	32	121	\$662,521
North Mankato	Nicollet	33	102	\$38,000
North St. Paul	Ramsey	38	1,272	\$633,000
North Star	Sherburne	2	11	\$0

## FIRE DEPARTMENTS REPORTING IN 2018

Department	County	Fires	Non-Fires	Dollar Loss
Northeast Sherburne	Sherburne	28	203	\$271,202
Northfield	Rice	78	202	\$1,913,000
Northland Township	St. Louis	3	4	\$0
Northome	Koochiching	10	2	\$0
Northrop	Martin	1	0	\$1,400
Northwest Angle	Lake Of The Woods	<b>DID NOT REPORT</b>		
Norwood-Young America	Carver	14	304	\$1,063,500
Oak Grove	Anoka	48	173	\$282,750
Oakdale	Washington	65	2,747	\$401,000
Odessa	Big Stone	2	3	\$10,500
Odin	Watonwan	1	30	\$0
Ogema	Becker	10	10	\$8,000
Ogilvie	Kanabec	19	13	\$47,200
Okabena	Jackson	3	5	\$100,000
Oklee	Red Lake	5	0	\$14,800
Olivia	Renville	8	7	\$82,000
Onamia	Mille Lacs	21	47	\$247,300
Ormsby	Watonwan	0	13	\$0
Oronoco	Olmsted	4	17	\$0
Orr	St. Louis	6	21	\$680,000
Ortonville	Big Stone	5	16	\$10,320
Osakis	Douglas	26	19	\$519,700
Oslo	Marshall	6	10	\$500
Osseo	Hennepin	12	351	\$0
Ostrander	Fillmore	0	1	\$0
Ottertail	Ottertail	3	0	\$1,210,000
Owatonna	Steele	49	431	\$405,350
Palisade	Aitkin	9	40	\$220
Palo Township	St. Louis	10	52	\$3,100
Park Rapids	Hubbard	50	42	\$2,479,741
Parkers Prairie	Ottertail	8	3	\$0
Paynesville	Stearns	14	70	\$411,500
Pelican Rapids	Ottertail	36	28	\$294,700
Pemberton	Blue Earth	3	29	\$0
Pennock	Kandiyohi	4	4	\$0
Pequaywan Lake	St. Louis	0	1	\$0
Pequot Lakes	Crow Wing	26	32	\$636,800
Perham	Ottertail	50	158	\$1,388,000



**FIRE DEPARTMENTS REPORTING IN 2018**

Department	County	Fires	Non-Fires	Dollar Loss
Perley-Lee Township	Norman	0	0	\$0
Pickwick Area	Winona	7	68	\$35,000
Pierz	Morrison	18	33	\$131,840
Pike-Sandy-Britt	St. Louis	20	126	\$562,000
Pillager	Cass	21	235	\$70,250
Pine City	Pine	42	106	\$215,400
Pine Island	Goodhue	32	295	\$72,180
Pine River	Cass	19	37	\$1,222,700
Pipestone	Pipestone	15	40	\$675,700
Plainview	Wabasha	4	7	\$34,200
Plato	Mcleod	8	44	\$45,600
Plummer	Red Lake	4	4	\$0
Plymouth	Hennepin	183	1,648	\$1,276,224
Porter	Yellow Medicine	3	18	\$4,000
Preston	Fillmore	8	10	\$10,101
Princeton	Mille Lacs	39	324	\$1,309,250
Prinsburg	Kandiyohi	5	2	\$200
Prior Lake	Scott	43	423	\$1,880,800
Proctor	St. Louis	19	367	\$207,000
Ramsey	Anoka	51	766	\$603,250
Randall	Morrison	11	106	\$67,523
Randolph-Hampton	Dakota	14	149	\$6,207
Range Regional Airport-ARFF	St. Louis	0	0	\$0
Raymond	Kandiyohi	1	0	\$10,000
Red Lake Falls	Red Lake	1	0	\$2,500
Red Lake Bureau of Indian Affairs	Beltrami	1	0	\$30,000
Red Wing	Goodhue	39	3,732	\$386,050
Redwood Falls	Redwood	14	41	\$224,300
Remer	Cass	7	12	\$275,010
Renville	Renville	7	5	\$15,500
Rice	Benton	19	139	\$193,957
Rice Lake Township	St. Louis	24	207	\$46,000
Richfield	Hennepin	85	4,071	\$754,507
Richmond	Stearns	4	112	\$9,000
Ridgeway Community	Winona	7	0	\$8
Robbinsdale	Hennepin	49	318	\$561,050
Rochester Airport	Olmsted	0	11	\$0
Rochester	Olmsted	169	9,819	\$981,595

## FIRE DEPARTMENTS REPORTING IN 2018

Department	County	Fires	Non-Fires	Dollar Loss
Rockford	Wright	22	287	\$910,000
Rockville	Stearns	15	89	\$180,452
Rogers	Hennepin	41	404	\$174,350
Rollingstone	Winona	2	0	\$1,000
Rose Creek	Mower	5	7	\$95,500
Roseau	Roseau	22	33	\$422,900
Rosemount	Dakota	22	768	\$623,800
Roseville	Ramsey	68	4,877	\$1,237,170
Rothsay	Wilkin	19	71	\$0
Round Lake	Nobles	0	0	\$0
Royalton	Morrison	13	19	\$0
Rush City	Chisago	18	55	\$348,850
Rushford	Fillmore	7	25	\$1,148,840
Rushmore	Nobles	10	21	\$26,500
Russell	Lyon	5	4	\$0
Ruthton	Pipestone	4	7	\$0
Sabin-Elmwood	Clay	1	0	\$0
Sacred Heart	Renville	3	7	\$1,000
Sanborn	Redwood	4	5	\$0
Sandstone	Pine	19	40	\$283,700
Sartell/Lesauk	Stearns	4	4	\$420,000
Sauk Centre	Stearns	30	80	\$42,950
Sauk Rapids	Benton	37	192	\$135,000
Savage	Scott	42	378	\$602,500
SBM	Anoka	142	1,388	\$8,288,095
Scandia	Washington	13	213	\$73,000
Scandia Valley	Morrison	4	10	\$75,000
Schroeder	Cook	1	2	\$0
Seaforth	Redwood	1	0	\$0
Sebeka	Wadena	23	134	\$260,500
Sedan	Pope	2	1	\$0
Shafer-Franconia	Chisago	11	113	\$385,000
Shakopee	Scott	96	807	\$2,844,805
Shelly	Norman	8	18	\$0
Sherburn	Martin	5	11	\$101,000
Shevlin	Clearwater	6	9	\$5,000
Silica Area	St. Louis	1	2	\$0
Silver Bay	Lake	18	59	\$322,000

## FIRE DEPARTMENTS REPORTING IN 2018

Department	County	Fires	Non-Fires	Dollar Loss
Silver Lake	McLeod	18	119	\$0
Slayton	Murray	12	13	\$333,500
Sleepy Eye	Brown	7	26	\$36,300
Solway	Beltrami	6	3	\$22,000
Solway Township	St. Louis	23	107	\$2,098,000
South Bend	Blue Earth	2	1	\$40,000
South Haven	Wright	12	98	\$0
South Metro	Dakota	73	6,437	\$355,555
Spicer	Kandiyohi	13	37	\$552,000
Spring Grove	Houston	8	12	\$15,000
Spring Valley	Fillmore	12	28	\$33,000
Springfield	Brown	6	20	\$255,000
Squaw Lake	Itasca	6	49	\$1,500,000
St. Anthony	Hennepin	15	1,498	\$67,500
St. Augusta	Stearns	7	119	\$6,000
St. Bonifacius	Hennepin	11	175	\$131,500
St. Charles	Winona	10	48	\$0
St. Clair	Blue Earth	9	119	\$239,000
St. Cloud	Stearns	189	6,466	\$7,221,067
St. Francis	Anoka	24	344	\$286,100
St. Hillaire	Pennington	11	19	\$70,500
St. James	Watonwan	17	27	\$261,700
St. John's University	Stearns	2	291	\$20
St. Joseph	Stearns	20	453	\$272,050
St. Leo	Yellow Medicine	1	0	\$50
St. Louis Park	Hennepin	131	5,383	\$601,100
St. Martin	Stearns	7	22	\$590,000
St. Michael	Wright	21	421	\$572,100
St. Paul	Ramsey	1,377	17,722	\$7,195,869
St. Paul Park	Washington	16	73	\$360,000
St. Peter	Nicollet	13	47	\$21,400
St. Stephen	Stearns	8	114	\$5,100
Stacy	Chisago	30	241	\$29,500
Staples	Todd	30	32	\$74,450
Starbuck	Pope	0	6	\$0
Stephen	Marshall	11	9	\$20,005
Stewart	McLeod	9	63	\$95,300
Stewartville	Olmsted	10	476	\$47,250

## FIRE DEPARTMENTS REPORTING IN 2018

Department	County	Fires	Non-Fires	Dollar Loss
Stillwater	Washington	56	1,760	\$1,121,001
Storden	Cottonwood	2	0	\$0
Sturgeon Lake	Pine	2	0	\$0
Sunburg	Kandiyohi	1	0	\$0
Swanville	Morrison	1	0	\$20,000
Taconite	Itasca	1	18	\$0
Taunton	Lyon	1	1	\$0
Taylor's Falls	Chisago	7	24	\$0
Thief River Falls	Pennington	39	166	\$436,000
Thomson Township-Esko	Carlton	18	225	\$30,000
Tintah	Traverse	4	2	\$44,500
Tofte	Cook	1	5	\$0
Toivola Township	St. Louis	4	7	\$10,000
Tower	St. Louis	11	37	\$33,000
Tracy	Lyon	19	88	\$65,500
Trimont	Martin	7	4	\$50,000
Trout Lake	Itasca	14	269	\$223,800
Truman	Martin	3	9	\$4
Twin Lakes	Freeborn	0	8	\$0
Twin Lakes Volunteer	Mahnomen	1	0	\$170,000
Twin Valley	Norman	7	87	\$77,000
Two Harbors	Lake	39	83	\$139,550
Tyler	Lincoln	2	5	\$0
Ulen	Clay	3	0	\$0
Underwood	Ottertail	9	81	\$2
Upsala	Morrison	5	4	\$15,000
U.S.S. Emergency Services	St. Louis	4	95	\$27,250
Vadnais Heights	Ramsey	37	1,240	\$0
Vergas	Ottertail	26	8	\$825,700
Vermillion Lake	St. Louis	7	34	\$0
Verndale	Wadena	14	75	\$0
Vernon Center	Blue Earth	1	26	\$0
Vesta	Redwood	1	4	\$25
Victoria	Carver	19	246	\$428,403
Viking	Marshall	3	1	\$0
Villard	Pope	2	0	\$41,000
Vining	Ottertail	2	0	\$0
Virginia	St. Louis	27	2,554	\$202,200

## FIRE DEPARTMENTS REPORTING IN 2018

Department	County	Fires	Non-Fires	Dollar Loss
Wabasha	Wabasha	8	55	\$42,000
Wabasso	Redwood	5	7	\$22,500
Waconia	Carver	19	561	\$16,000
Wadena	Wadena	17	29	\$16,500
Waite Park	Stearns	50	144	\$0
Waldorf	Waseca	3	43	\$38,000
Walker	Cass	19	24	\$51,650
Walnut Grove	Redwood	6	12	\$2,250
Walters	Faribault	7	1	\$3,000
Wanamingo	Goodhue	8	0	\$20,013
Wanda	Redwood	1	0	\$40,000
Warba -Feeley-Sago	Itasca	5	45	\$0
Warren	Marshall	12	24	\$56,200
Warroad	Roseau	16	36	\$0
Waseca	Waseca	30	672	\$1,226,820
Watertown	Carver	30	306	\$53,150
Waterville	Lesueur	0	171	\$0
Watkins	Meeker	9	12	\$10,000
Watson	Chippewa	1	0	\$20,000
Waubun	Mahnomen	16	18	\$5
Waverly	Wright	12	161	\$139,100
Wayzata	Hennepin	33	232	\$37,308
Welcome	Martin	5	0	\$58,000
Wells	Faribault	4	11	\$215,000
Wendell	Grant	5	14	\$0
West Concord	Dodge	14	95	\$430,000
West Metro	Hennepin	183	1,665	\$1,020,926
Westbrook	Cottonwood	6	12	\$183,000
Wheaton	Traverse	9	12	\$726,000
White Bear Lake	Ramsey	52	2,241	\$352,150
White Earth	Becker	<b>DID NOT REPORT</b>		
Williams	Lake Of The Woods	5	2	\$5,100
Willmar	Kandiyohi	61	243	\$494,641
Willow River	Pine	13	121	\$1
Wilmont	Nobles	4	30	\$510,000
Wilson Township	Winona	9	4	\$125,000
Windom	Cottonwood	8	56	\$0
Winger	Polk	<b>DID NOT REPORT</b>		

## FIRE DEPARTMENTS REPORTING IN 2018

Department	County	Fires	Non-Fires	Dollar Loss
Winnebago	Faribault	5	34	\$11,700
Winona	Winona	53	2,351	\$341,250
Winsted	McLeod	13	225	\$20,000
Winthrop	Sibley	5	11	\$207,000
Wolf Lake	Becker	20	14	\$12,000
Wood Lake	Yellow Medicine	8	8	\$102,000
Woodbury	Washington	49	5,161	\$1,065,773
Woodstock	Pipestone	4	4	\$70,000
Worthington	Nobles	17	49	\$50,550
Wrenshall	Carlton	18	90	\$10,000
Wykoff	Fillmore	0	3	\$0
Wyoming	Chisago	22	284	\$15,251
Zimmerman-Livonia	Sherburne	43	205	\$997,963
Zumbro Falls	Wabasha	11	92	\$192,100
Zumbrota	Goodhue	12	30	\$18,500
<b>Total</b>		<b>15,912</b>	<b>293,740</b>	<b>\$229,335,335</b>

**Thank you**  
**to the Minnesota fire departments that**  
**provided data in 2018 and to those who**  
**provided photos for this report.**





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State Fire Marshal Division  
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