


2015

FIRE IN MINNESOTA



STATE FIRE MARSHAL

A firefighter in full protective gear is shown in silhouette, holding a hose and spraying water towards a large fire at night. The scene is illuminated by the bright orange and yellow light of the flames, with a red and yellow curved graphic overlay at the top. The firefighter's gear, including a helmet and a large air tank, is clearly visible.

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 2015.

This report is also available as a PDF at sfm.dps.mn.gov

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October 2016

The Honorable Mark Dayton

Governor of Minnesota

130 State Capitol

75 Rev. Dr. Martin Luther King Jr. Blvd.

St. Paul, MN 55155

Dear Gov. Dayton:

The Minnesota Department of Public Safety State Fire Marshal Division is pleased to present for your review *Fire in Minnesota 2015*.

Provided by 768 of the state's 779 fire departments, this data allows us to analyze fire causes and determine the best methods of public education and code enforcement to improve fire safety and prevent fires in our state.

Minnesota fire departments have been reporting data online since 2009. Statewide, 99 percent of Minnesota fire departments provided numbers for this report, illustrating their commitment to fire prevention and making Minnesota a national leader in fire data collection.

Here are a few important notes from *Fire in Minnesota 2015*

- There were 57 fire deaths last year — the highest number of fatalities since 2002.
- Careless smoking was once again the leading cause of fatal fires.
- Cooking was the most common cause of structure fires.
- 74 percent of fire deaths and 88 percent of injuries occurred in residential settings.

The Department of Public Safety remains committed to protecting Minnesotans' lives and property. This report is created to that end by the dedicated members of the State Fire Marshal Division with data from hundreds of Minnesota fire departments.

Respectfully,

A handwritten signature in cursive script that reads "Ramona L. Dohman".

Commissioner Ramona L. Dohman

From the State Fire Marshal



I'm going to get right to the point: Last year was devastating in terms of fire deaths. Fifty-seven people died in 2015 in fires in Minnesota — the highest number of fatalities since 2002, when 64 people were killed.

Fifty-seven families' lives were changed forever when they received the news that their loved one died in a fire — a fire that we in the fire service know likely could have been prevented. We also know that we can help drive the number of fire fatalities back down so no family ever has to suffer the death of a mother, father, brother, sister or friend in a fire.

How do we help reduce the number of fire deaths? The answer is simple: Education. Fire and life safety education is likely not the reason you joined your local fire department, but it's a crucial component to doing your job and protecting your community.

Fires will always happen. Educating the people in your community doesn't mean you will be out of a job. But it does mean you'll save lives and property: our ultimate goal as firefighters.

The data you provide for Fire in Minnesota drives fire prevention efforts in every community in this state. The data show us emerging trends and remind us year after year that cooking and heating are the leading causes of structure fires in Minnesota. The data you provide tell us that careless smoking is still the No. 1 identified cause of fatal fires in our state.

Use the information in this report to fight fire with facts. Talk to people in your community about how, when it comes to being injured or killed in a fire, they are most at risk in their own home. Educate them about the importance of smoke alarms, staying in the kitchen and paying attention while they're cooking, and using extreme caution with space heaters. Tell them how dangerous smoking in the home can be and that proper disposal of cigarette butts could mean the difference between life and death.

Take it a step further and consider new ways to spread those life-changing messages throughout your community. In 2015, 57 people died in fires in Minnesota. What do we need to do to change that number to zero?

Thank you,

A handwritten signature in black ink, reading "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 or
bruce.west@state.mn.us



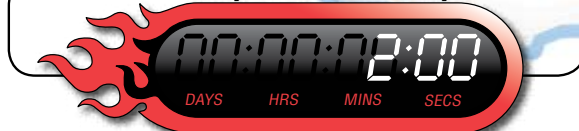
TOTAL IMPACT

MINNESOTA FIRE CLOCK

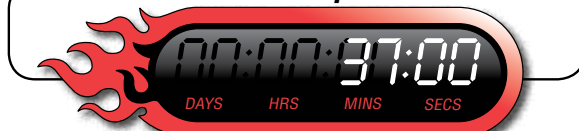
Frequency of Responses as Reported 2015

These figures represent the collective incidents reported by 768 of Minnesota's 779 fire departments.

One Fire Department Response



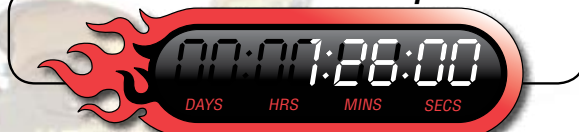
One Fire Reported



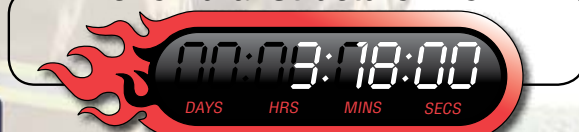
One EMS/Rescue Run Reported



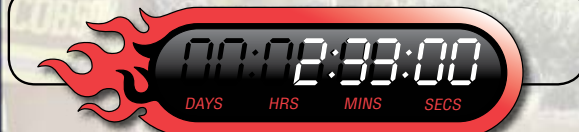
One Structure Fire Reported



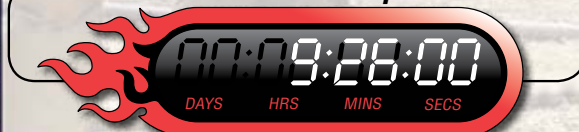
One Rural Structure Fire



One Metro Structure Fire



One Arson Fire Reported



Fire Loss in Minnesota

\$ 612,586 / Day

\$ 25,524 / Hour

\$ 425 / Minute



TOTAL IMPACT

In 2015, 768 of the state's 779 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 39.

The total number of fire incidents reported by participating Minnesota fire departments in 2015 was 14,128 — an 11 percent decrease from 2014. The number of responses by the fire service increased by 6 percent in 2015 to 275,966.

2015 REPORTED FIRE DEPARTMENT RESPONSES					
Incidents Reported	Seven County Metro Area	% State Total	Balance of State	% State Total	State Total
Structure Fires	3,441	56	2,658	44	6,099
Vehicle Fires	1,197	47	1,332	53	2,529
Other Fires	2,020	37	3,480	63	5,500
TOTAL FIRES	6,658	47	7,470	53	14,128
Rescue/EMS Calls	115,500	66	58,933	34	174,433
False Calls	18,558	69	8,264	31	26,822
Mutual Aid Given	2,177	38	3,529	62	5,706
Other Incidents	35,583	65	19,294	35	54,877
TOTAL CALLS	178,476	65	97,490	35	275,966
ESTIMATED DOLLAR LOSS DUE TO FIRE	\$100,061,866	45%	\$123,532,054	55%	\$223,593,920

Total dollar loss decreased by more than \$2.1 million (1 percent) from 2014. Fires in the “other” category saw the largest increase — up 45 percent from 2014. The number of vehicle fires in Minnesota saw the largest decrease from 2014 to 2015 — 6 percent.

OVERALL INCIDENT COMPARISONS						
Incidents Reported	2011	2012	2013	2014	2015	% Change 2014 - 2015
Fires						
Structure	6,530	6,429	6,330	6,242	6,099	(2%)
Vehicle	2,708	2,609	2,485	2,683	2,529	(6%)
Other Fires	5,576	7,543	4,456	3,781	5,500	45%
TOTAL FIRES	14,814	16,581	13,271	12,706	14,128	11%
Overpressure Ruptures	457	435	482	484	479	(1%)
Rescue/EMS Calls	138,635	147,044	154,771	162,059	174,433	8%
Hazardous Condition Calls	11,653	10,918	11,712	11,118	11,188	1%
Service Calls	15,216	14,422	14,749	15,674	16,864	8%
Good Intent Calls	22,703	22,552	23,360	25,157	25,507	1%
False Calls						
Malicious	1,385	1,366	1,296	1,344	1,300	(3%)
Other False	24,614	23,261	24,987	25,425	25,522	<1%
TOTAL FALSE CALLS	25,999	24,627	26,293	26,769	26,822	<1%
Mutual Aid Given	5,204	6,028	6,115	5,842	5,706	(2%)
All Other	2,518	2,115	856	861	839	(3%)
TOTAL CALLS	237,199	244,722	251,609	260,670	275,966	6%
TOTAL DOLLAR LOSS (Millions)	\$152.0	\$292.2	\$229.1	\$225.7	\$223.6	(1%)

TOTAL IMPACT

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 4,837 fires have occurred in residential structures. These figures indicate that each year, one residential structure fire occurs for every 1,127 residents.

STRUCTURE FIRES BY PROPERTY TYPE

Structure Type	2011	2012	2013	2014	2015	% Change 2014-2015
Residential	5,039	4,857	4,793	4,820	4,675	(3%)
Educational/Institutional	185	147	165	155	183	18%
Public Assembly/Commercial	301	349	312	336	316	(6%)
Industrial/Manufacturing	220	231	261	212	199	(6%)
Storage	553	556	563	512	474	(7%)
Special/Other	173	228	193	169	207	22%
Unclassified	59	61	43	38	45	18%
TOTAL	6,530	6,429	6,330	6,242	6,099	(2%)

2015 RESIDENTIAL STRUCTURE FIRES

Type of Residence	Number of Fires	Dollar Loss	Civilian Injuries	Civilian Deaths
One-two family dwelling	2,648	\$107,086,726	52	36
Multi-family dwelling	1,794	\$18,977,012	46	6
Hotel/motel	62	\$1,762,302	1	0
Residential board and care	40	\$155,300	0	0
Dormitory/sorority/fraternity	0	\$0	0	0
Boarding/rooming house	19	\$36,855	0	0
Barracks/dormitory	45	\$27,650	1	0
Residential (other)	67	\$2,293,940	0	0
TOTAL	4,675	\$130,339,785	100	42

The 2015 dollar loss in residential property increased by almost \$12 million from 2014 while total dollar loss decreased slightly.

Residential fires accounted for 77 percent of all structure fires and 60 percent of total dollar loss.

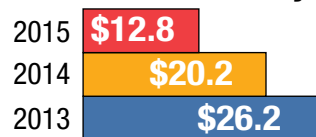
The average dollar loss per structure fire in 2015 was almost \$32,000 per incident. The average dollar loss per residential structure fire was over \$28,000 per incident.

DOLLAR LOSS BY PROPERTY TYPE

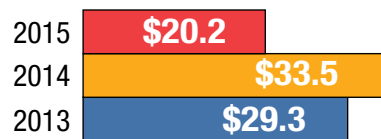
Residential



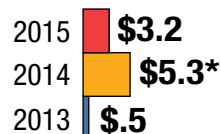
Public Assembly/Commercial



Industrial/Manufacturing



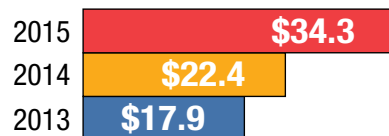
Educational/Institutional



Storage



Other



** Includes one \$6 million grain elevator fire

* Includes one \$5 million elementary school fire

Sprinkler Saves

In 2015 there were 78 sprinkler saves in Minnesota. This means that every month there were more than six fires extinguished by automatic fire sprinkler systems. These sprinkler activations saved 78 buildings from devastation by fire, minimized property loss, greatly reduced business interruption and potentially saved lives.

SPRINKLER SAVES				
Date	Time	City	Property Use	Area of Origin
1/6/2015	1:46	Eagan	Restaurant or cafeteria	Cooking area, kitchen
1/22/2015	14:50	Minnetonka	Multifamily dwelling	Chute/container — trash, rubbish, waste
1/23/2015	19:37	Minneapolis	Multifamily dwelling	Cooking area, kitchen
1/28/2015	16:47	Winona	Manufacturing, processing	Processing/manufacturing area, workroom
1/28/2015	16:39	Eagan	Warehouse	Shipping/receiving area; loading area, dock or bay
1/30/2015	21:52	Stillwater	Multifamily dwelling	Laundry area, wash house (laundry)
2/6/2015	0:40	White Bear Lake	Multifamily dwelling	Cooking area, kitchen
2/6/2015	22:38	Rochester	Dormitory-type residence, other	Cooking area, kitchen
2/9/2015	10:02	Bloomington	Restaurant or cafeteria	Cooking area, kitchen
2/19/2015	21:11	Cambridge	Multifamily dwelling	Function areas, other
2/23/2015	17:27	Mankato	Multifamily dwelling	Bathroom, checkroom, lavatory, locker room
3/4/2015	9:21	North Branch	Residential board and care	Cooking area, kitchen
3/5/2015	22:07	Minnetonka	Multifamily dwelling	Vehicle storage area; garage, carport
3/6/2015	0:12	St. Cloud	Manufacturing, processing	Processing/manufacturing area, workroom
3/8/2015	23:26	Minneapolis	24-hour care Nursing homes, 4 or more persons	Cooking area, kitchen
3/19/2015	1:47	Minneapolis	High school/junior high school/middle school	Laboratory
3/19/2015	4:15	Minneapolis	Multifamily dwelling	Common room, den, family room, living room, lounge
3/24/2015	11:01	St. Paul	Food and beverage sales, grocery store	Laundry area, wash house (laundry)

SPRINKLER SAVES

Date	Time	City	Property Use	Area of Origin
4/4/2015	16:30	St. Louis Park	Multifamily dwelling	Laundry area, wash house (laundry)
4/13/2015	0:34	Minneapolis	Courthouse	Storage room, area, tank, or bin
4/15/2015	15:58	Hopkins	Business office	Vehicle storage area; garage, carport
4/23/2015	7:36	Brooklyn Park	Multifamily dwelling	Exterior balcony, unenclosed porch
5/1/2015	6:07	Brooklyn Center	Hotel/motel, commercial	Bedroom — < 5 persons; included are jail or prison
5/3/2015	5:50	Hibbing	Multifamily dwelling	Cooking area, kitchen
5/3/2015	10:43	Stillwater	Multifamily dwelling	Cooking area, kitchen
5/6/2015	2:17	Virginia	Barracks, dormitory	Cooking area, kitchen
5/7/2015	6:40	Roseville	Mercantile, business, other	Sales area, showroom (excludes display window)
5/10/2015	12:47	Red Wing	Multifamily dwelling	Cooking area, kitchen
5/13/2015	3:05	Brooklyn Center	Restaurant or cafeteria	Heating room or area, water heater area
5/13/2015	13:39	Austin	Multifamily dwelling	Cooking area, kitchen
5/21/2015	18:31	Vadnais Heights	Manufacturing, processing	Processing/manufacturing area, workroom
5/24/2015	15:08	St. Cloud	Boarding/rooming house, residential hotels	Bedroom — < 5 persons; included are jail or prison
6/8/2015	8:09	Shakopee	Manufacturing, processing	Processing/manufacturing area, workroom
6/13/2015	12:54	St. Anthony	Multifamily dwelling	Cooking area, kitchen
6/14/2015	12:59	Lakeville	24-hour care Nursing homes, 4 or more persons	Cooking area, kitchen
6/25/2015	11:13	Rochester	Business office	Storage: supplies or tools; dead storage
6/28/2015	23:30	Bloomington	Hotel/motel, commercial	Bedroom — < 5 persons; included are jail or prison
6/29/2015	17:38	Northfield	Residential board and care	Cooking area, kitchen
6/30/2015	2:45	Maplewood	Fixed-use recreation places, other	Hallway corridor, mall

TOTAL IMPACT

SPRINKLER SAVES

Date	Time	City	Property Use	Area of Origin
7/1/2015	20:29	Minneapolis	Multifamily dwelling	Closet
7/2/2015	2:40	Minneapolis	Multifamily dwelling	Bedroom — < 5 persons; included are jail or prison
7/3/2015	10:31	Edina	Textile, wearing apparel sales	Sales area, showroom (excludes display window)
7/15/2015	16:37	Eden Prairie	Manufacturing, processing	Technical processing areas, other
7/18/2015	1:40	St. Louis Park	Specialty shop	Ceiling and floor assembly, crawl space between stories
7/19/2015	15:09	Blaine	Doctor, dentist or oral surgeon office	Conduit, pipe, utility, or ventilation shaft
7/19/2015	0:24	St. Paul	1 or 2 family dwelling	Cooking area, kitchen
7/23/2015	1:03	Inver Grove Heights	Warehouse	Engine area, running gear, wheel area
7/27/2015	18:26	Minneapolis	Multifamily dwelling	Cooking area, kitchen
8/8/2015	8:31	Bloomington	Business office	Assembly or sales area, other
8/15/2015	14:42	Two Harbors	Manufacturing, processing	Outside area, other
8/19/2015	17:53	Duluth	Warehouse	Shipping/receiving area; loading area, dock or bay
8/20/2015	9:10	Bloomington	Hotel/motel, commercial	Cooking area, kitchen
8/21/2015	3:18	Minneapolis	General retail, other	Sales area, showroom (excludes display window)
8/25/2015	17:15	Bloomington	Multifamily dwelling	Chute/container — trash, rubbish, waste
8/30/2015	10:50	Shakopee	Multifamily dwelling	Laundry area, wash house (laundry)
9/4/2015	23:17	Stillwater	24-hour care Nursing homes, 4 or more persons	Bathroom, checkroom, lavatory, locker room
9/6/2015	7:53	Burnsville	Multifamily dwelling	Function areas, other
9/7/2015	14:55	Minneapolis	Multifamily dwelling	Cooking area, kitchen
9/7/2015	1:28	Fridley	Laundry, dry cleaning	Processing/manufacturing area, workroom
9/12/2015	1:22	Oak Park Heights	Hotel/motel, commercial	Wall assembly, concealed wall space
9/29/2015	17:58	Babbitt	Ind., utility, defense, agriculture, mining, other	Undetermined

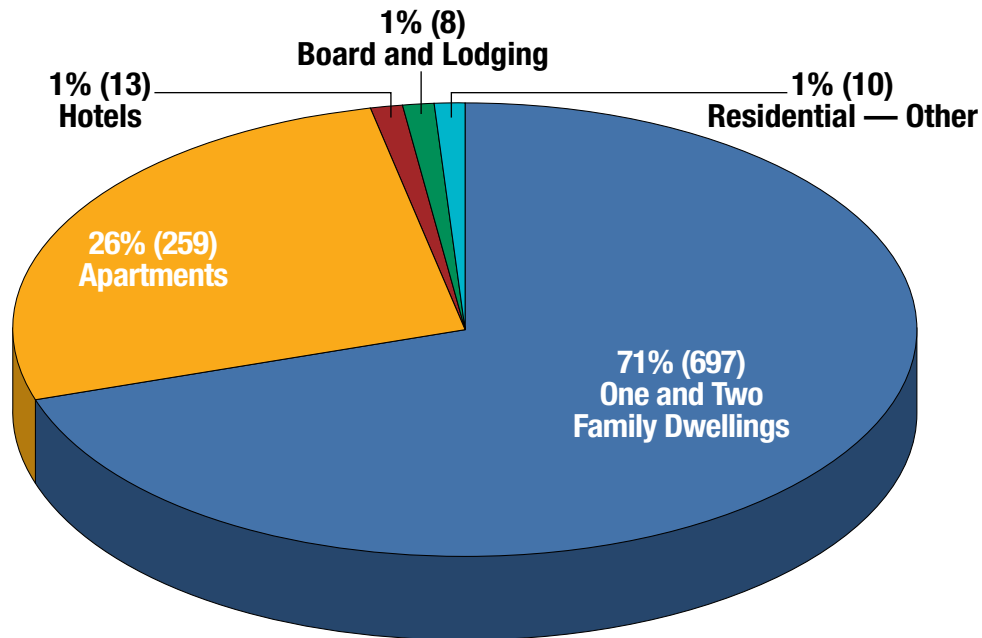
SPRINKLER SAVES

Date	Time	City	Property Use	Area of Origin
10/1/2015	17:18	Cloquet	Manufacturing, processing	Undetermined
10/14/2015	11:36	Bloomington	Hotel/motel, commercial	Cooking area, kitchen
10/17/2015	12:01	South St Paul	Multifamily dwelling	Chute/container — trash, rubbish, waste
10/21/2015	1:40	St. Paul	Hotel/motel, commercial	Bathroom, checkroom, lavatory, locker room
10/22/2015	8:11	Brooklyn Center	Business office	Closet
10/27/2015	13:28	Little Canada	Multifamily dwelling	Cooking area, kitchen
10/28/2015	22:14	Bloomington	Hotel/motel, commercial	Laundry area, wash house (laundry)
10/29/2015	20:33	St. Paul	Multifamily dwelling	Multiple areas
11/5/2015	16:08	Hibbing	Dormitory-type residence, other	Cooking area, kitchen
11/12/2015	6:55	Maple Grove	Multifamily dwelling	Vehicle storage area; garage, carport
11/28/2015	8:56	Minnetonka	Multifamily dwelling	Cooking area, kitchen
11/30/2015	4:52	Mt. Lake	24-hour care Nursing homes, 4 or more persons	Bedroom - 5+ persons; including barrack/dormitory
11/30/2015	16:29	St. Louis Park	Hotel/motel, commercial	Bathroom, checkroom, lavatory, locker room
12/1/2015	7:27	Roseville	Manufacturing, processing	Storage area, other
12/3/2015	23:04	Burnsville	Multifamily dwelling	Chute/container — trash, rubbish, waste
12/15/2015	1:14	Two Harbors	Manufacturing, processing	Function areas, other
12/21/2015	11:03	Robbinsdale	Mercantile, business, other	Storage room, area, tank, or bin

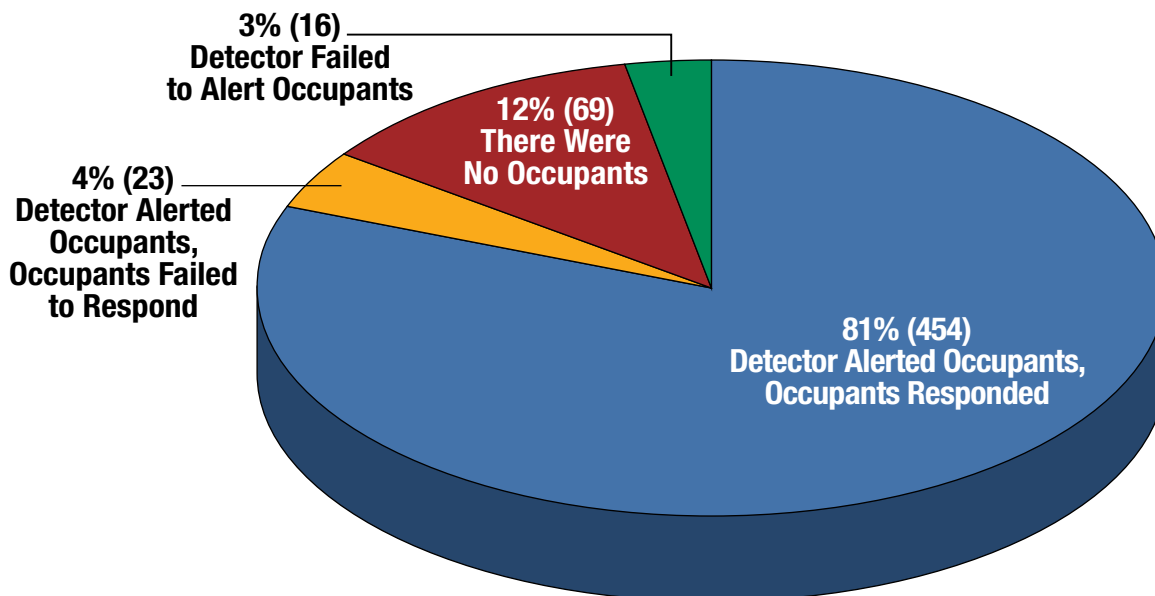
TOTAL IMPACT

Smoke alarms are highly effective at alerting people of dangerous fire conditions, especially in residential occupancies where people sleep.

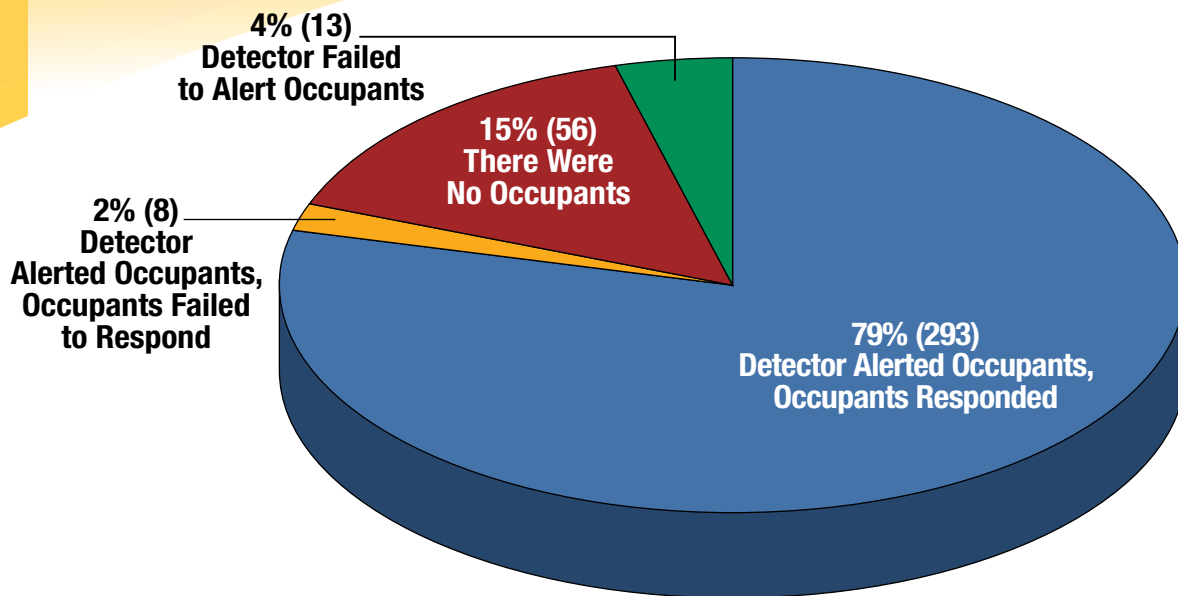
RESIDENTIAL OCCUPANCIES WHERE SMOKE ALARMS ACTIVATED — 2015



SMOKE ALARM EFFECTIVENESS — 2015



ONE/TWO FAMILY DWELLING SMOKE ALARM EFFECTIVENESS — 2015



SUMMARY

Last year, 768 (99 percent) of Minnesota's 779 fire departments reported information for Fire in Minnesota.

The total number of calls increased 6 percent last year from 2014. Dollar loss was almost \$224 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, 60 percent of total dollar loss 91 percent of the fire deaths in structures in 2015. These statistics continue to identify the home as the most dangerous place to be.

In the last 27 years, over \$4.5 billion in property was destroyed by fire; 49 percent — or over \$2 billion — occurred in residential property.

A photograph of a kitchen fire. Bright orange and yellow flames are rising from a stove area, consuming what appears to be a pot or pan. The fire is intense, with thick smoke or steam rising. The background shows kitchen cabinets and a countertop. The word "CAUSES" is overlaid in large, bold, white capital letters with a black outline, centered over the fire. The top of the image has a red-to-orange gradient overlay.

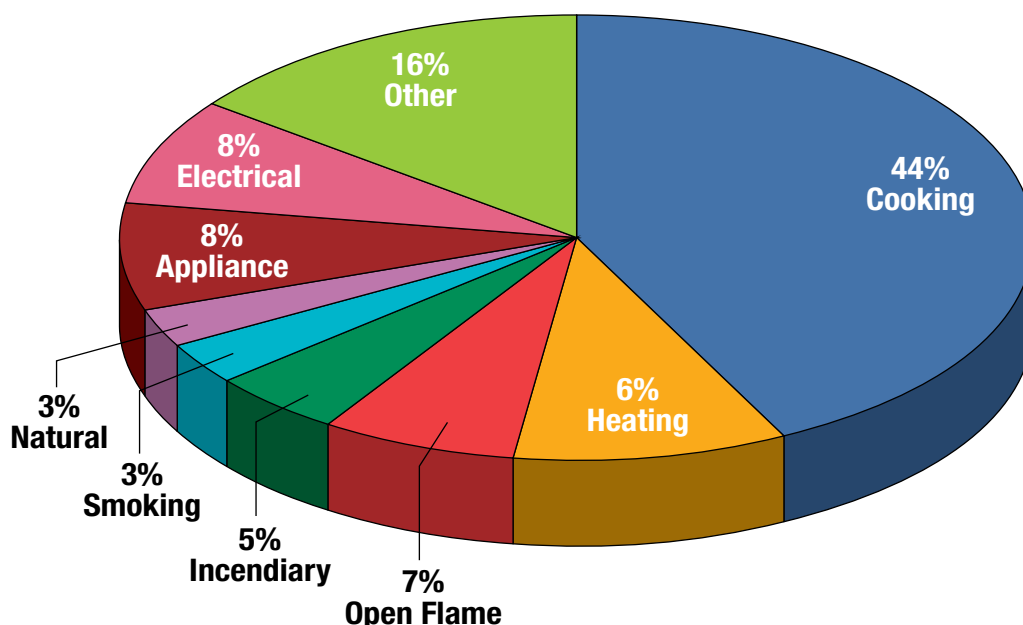
CAUSES

As in past years, cooking continues to be the top cause of fires in Minnesota, with appliance/equipment and electrical malfunction tied as the second leading cause and open flame as the third leading cause.

Cooking remains the leading cause, mainly due to contained cooking fires. The appliance category increased because new categories for equipment were included.

Fires in residential property represented 77 percent of all structure fires and 60 percent of the total dollar loss.

STRUCTURE FIRE CAUSES



Cooking Fires

The leading cause of structure fires in 2015 was cooking. Ninety-eight percent of those fires were contained cooking fires.

The top three known factors in the remaining cooking fires were: unattended equipment at 21 percent, combustibles too close at 16 percent, and equipment turned on accidentally/not turned off at 12 percent. There were five cooking-related civilian fire deaths and 33 civilian injuries, as well as three firefighter injuries.

Dollar loss from cooking fires in 2015 totaled \$3,931,979.

Heating Fires

The majority of 2015 heating-related fires (283) occurred in residential properties.

The total number of these fires dropped 39 percent from last year — there were 464 heating-related fires in 2014 — and dollar loss decreased by 47 percent.

HEATING FIRES IN RESIDENTIAL PROPERTIES

Equipment	Number of Fire Incidents	% of Total	Dollar Loss	% of Total
Fireplace/Chimney	173	61%	\$424,806	10%
Fixed Heating Units	23	8%	\$1,296,667	31%
Portable Heaters	14	5%	\$292,800	7%
Central Heating Units	51	18%	\$212,833	5%
Water Heaters	11	4%	\$947,650	24%
Other	11	4%	\$1,026,700	25%
TOTAL	283	100%	\$4,201,456	100%

Where Do Fires Start?

Residential Property

- Kitchen/cooking area: 39 percent
- Sleeping area: 4 percent
- Garage or car port: 3 percent
- Exterior wall surface: 3 percent
- Other areas of fire origin: 51 percent

RESIDENTIAL

	Number of Incidents	Firefighter Injuries	Civilian Injuries	Firefighter Deaths	Civilian Deaths	Dollar Loss
	4,675	105	105	0	42	\$133,484,818
% OF TOTAL	77%*	37%	79%	0%	74%	60%

* Percent of Structure Fires

Educational Property

- Kitchen/cooking area: 37 percent
- Trash chute/container: 17 percent
- Lavatory/locker room: 5 percent
- Other areas of fire origin: 41 percent

EDUCATIONAL

	Number of Incidents	Firefighter Injuries	Civilian Injuries	Firefighter Deaths	Civilian Deaths	Dollar Loss
	63	1	0	0	0	\$257,549
% OF TOTAL	1%*	<1%	0%	0%	0%	<1%

* Percent of Structure Fires

Public Assembly Property

- Kitchen/cooking area: 54 percent
- Trash chute/container: 7 percent
- Lavatory/locker room: 4 percent
- Exterior wall surface: 3 percent
- Other areas of fire origin: 32 percent

PUBLIC ASSEMBLY						
	Number of Incidents	Firefighter Injuries	Civilian Injuries	Firefighter Deaths	Civilian Deaths	Dollar Loss
	138	4	2	0	0	\$4,625,853
% OF TOTAL	3%*	1%	2%	0%	0%	2%

* Percent of Structure Fires

Store and Office Property

- Kitchen/cooking area: 18 percent
- Laundry room/area: 9 percent
- Exterior wall surface: 7 percent
- Trash chute/container: 5 percent
- Other areas of fire origin: 61 percent

STORE AND OFFICE						
	Number of Incidents	Firefighter Injuries	Civilian Injuries	Firefighter Deaths	Civilian Deaths	Dollar Loss
	175	12	1	0	0	\$8,148,303
% OF TOTAL	1%*	4%	1%	0%	0%	4%

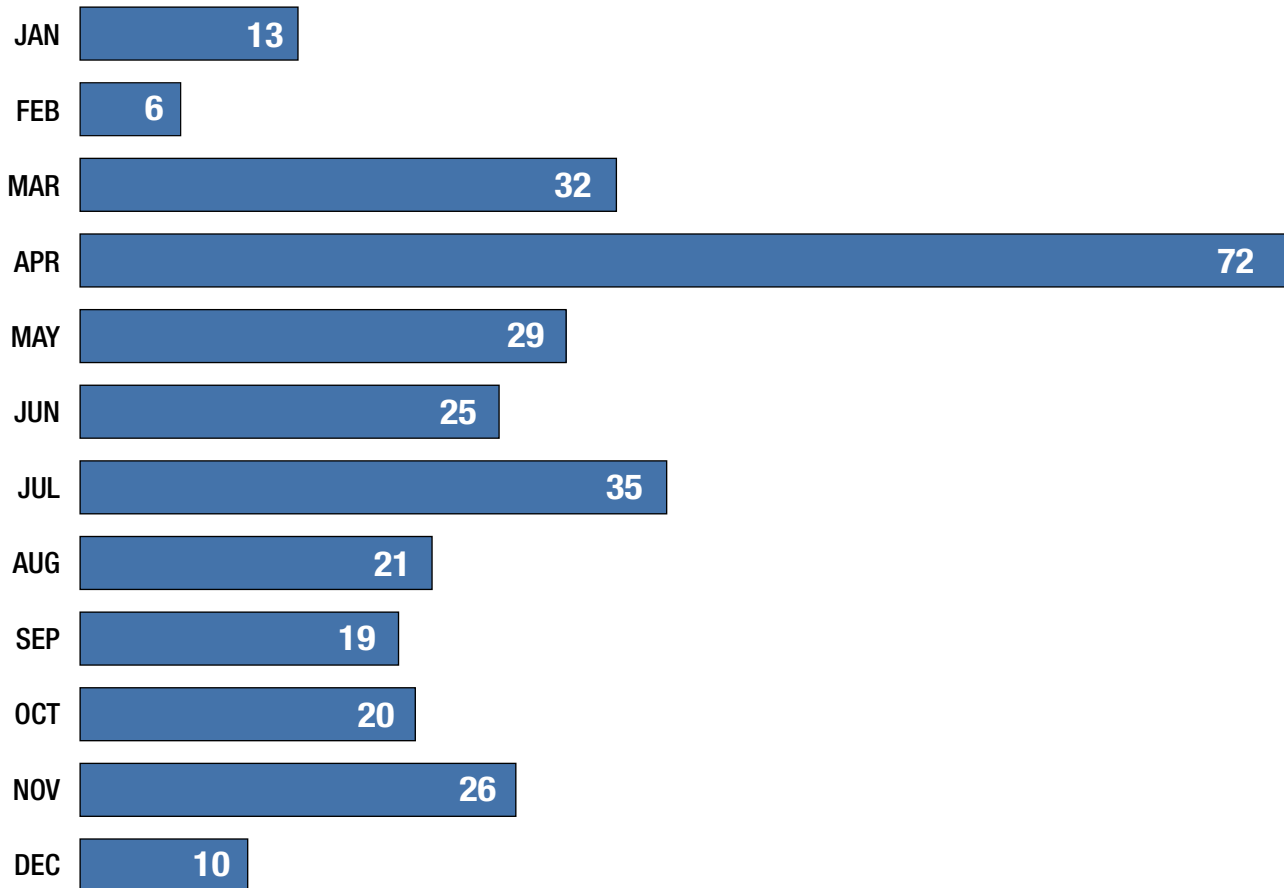
* Percent of Structure Fires

Youth-Set Fires

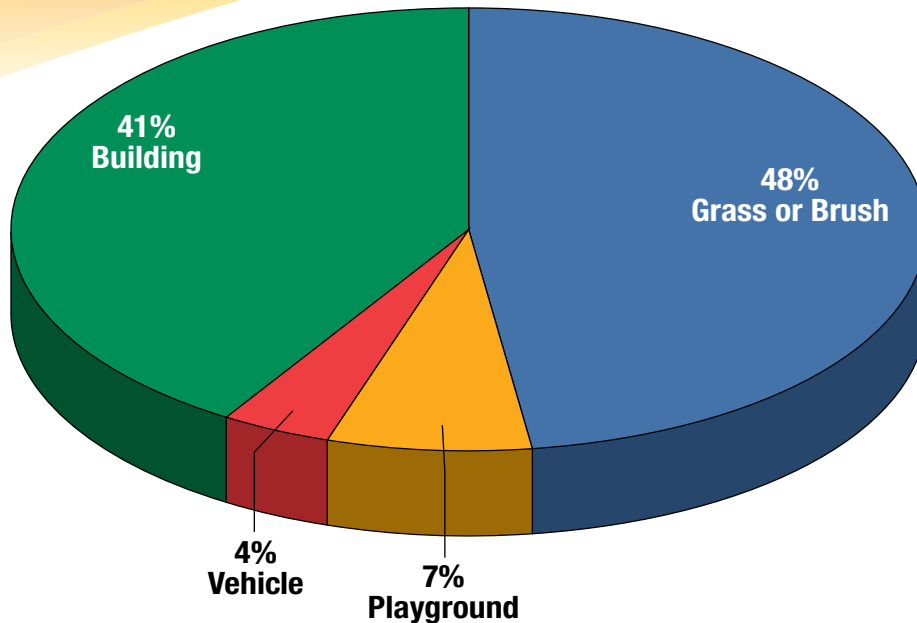
There were 386 youth set fires reported in Minnesota in 2015. Many of the cases submitted by fire departments did not have an ignition source listed. Of those that did list ignition factors, misuse of materials was most common.

The majority of youth firesetters (79 percent) in Minnesota are male. In 2015, April was the busiest month for youth-set fires with 72 followed by July (35) and March (32).

YOUTH-SET FIRES BY MONTH



YOUTH-SET FIRE LOCATIONS



SUMMARY

Once again, cooking caused the largest percentage of structure fires (44 percent) with appliance/equipment and electrical malfunction tied for second and open flame as the third leading cause. Cooking, appliance/equipment, electrical malfunction and open flame together accounted for 67 percent of total structure fires with known causes. Fires in residential spaces represent 77 percent of all structure fires and 91 percent of fire deaths in structures.

While careless smoking account for only three percent of structure fires, it caused 27 percent of known fire fatalities and 21 percent of residential fire deaths.

In 2015, fire departments reported 16 percent of all structure fire causes as “other causes.” Fire departments are strongly encouraged to provide the maximum available information on MFIRS reports. Lack of information increases the number of incidents with “other” listed as cause. In order to focus our fire prevention

efforts where the greatest need exists, complete reporting of causes/ignition factors in the MFIRS program is essential.

Minnesotans continue to be in the greatest danger from fire in their own homes. Fire prevention efforts in the areas of cooking and heating must continue to be a top priority for the fire service community.

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. More information about Fire Prevention Week is online at www.nfpa.org.

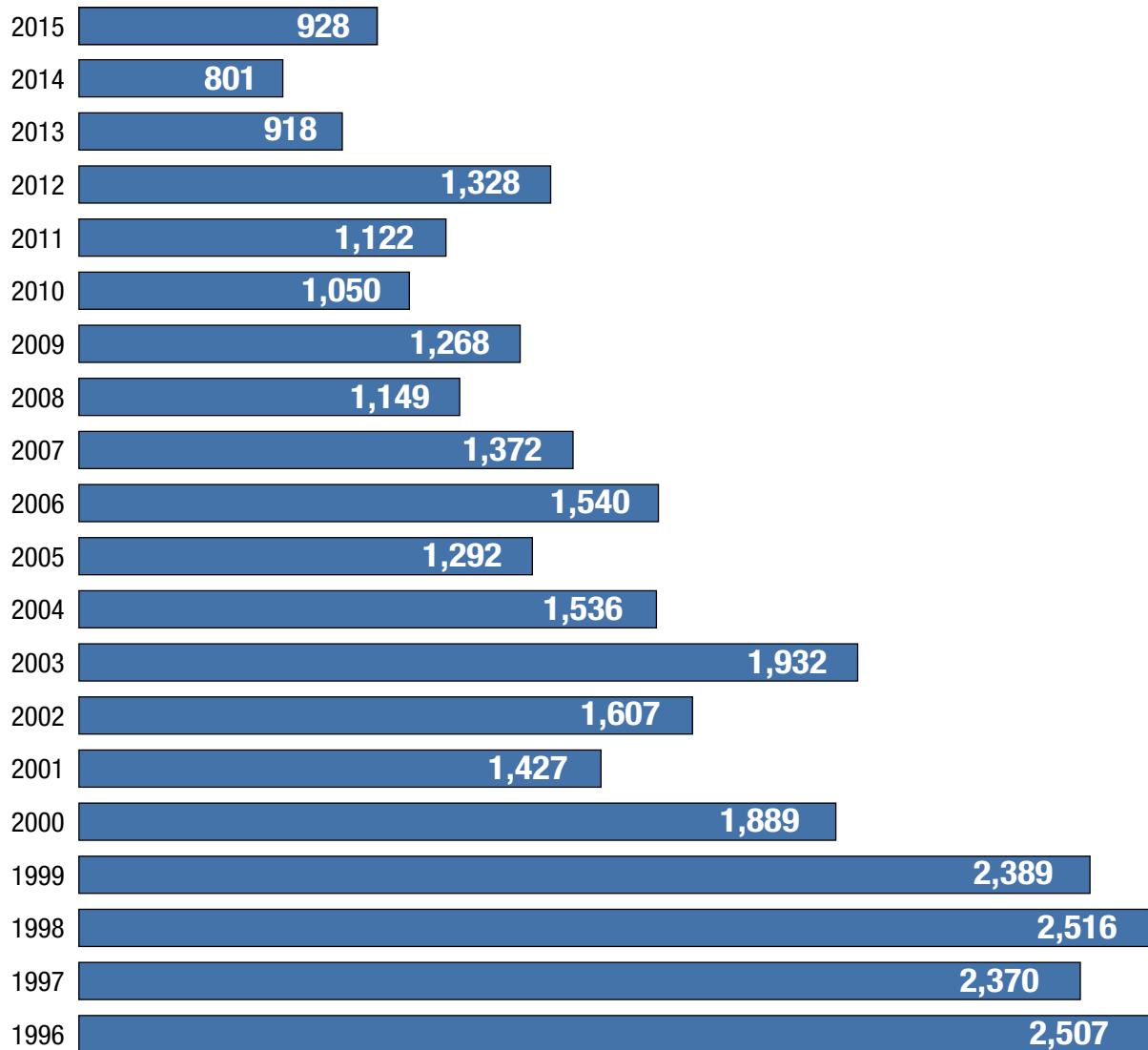


INCENDIARY FIRES

There were 928 identified incendiary fires in 2015, a 16 percent increase from 2014.

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 2015 was more than \$8 million, a 22 percent increase from 2014. Both numbers are considerably lower than those in the 1990s.

INCENDIARY FIRES IN MINNESOTA



Most Common Buildings for Incendiary Fires

- Residential structures: 61 percent
- Industrial/manufacturing/storage: 19 percent
- Special property: 10 percent
- Public assembly: 5 percent
- Educational: 4 percent
- Store/office: 2 percent

INCENDIARY FIRES

INCENDIARY DOLLAR LOSS (in millions)

Residential

\$4.92

Industrial/Manufacturing/Storage

\$1.14

Store/Office

\$0.27

Special Property

\$0.20

Public Assembly

\$0.07

Educational/Institutional

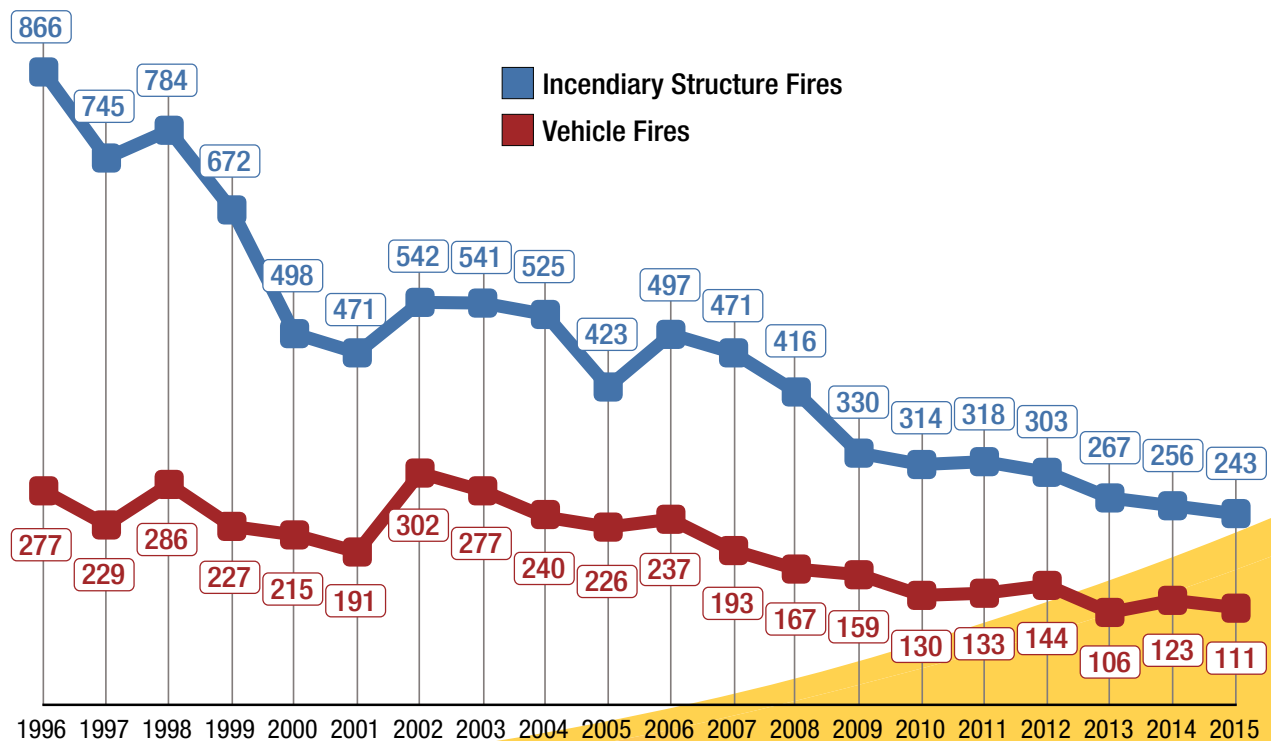
\$0.04

In 2015, “Incendiary” was listed as the cause of 5 percent of all reported structure fires with known causes and 4 percent of all reported vehicle fires in Minnesota.

Vehicle incendiary dollar loss represented 6 percent of total vehicle fire dollar loss with an average dollar loss per incendiary vehicle fire of \$13,513.

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)

2015	\$6.6	\$1.5	Totals:	\$8.1
2014	\$6.0	\$0.6		\$6.6
2013	\$5.5	\$0.5		\$6.0
2012	\$9.9	\$1.1		\$11.0
2011	\$7.5	\$0.5		\$8.0
2010	\$6.5	\$0.6		\$7.1
2009	\$5.3	\$0.9		\$6.2
2008	\$7.0	\$1.1		\$8.1
2007	\$13.5	\$1.1	Structures	\$14.6
2006	\$13.4	\$1.0	Vehicles	\$14.4
2005	\$8.7	\$0.8		\$9.5
2004	\$10.2	\$1.0		\$11.2
2003	\$8.5	\$1.2		\$9.7
2002	\$12.9	\$1.4		\$14.3
2001	\$8.1	\$1.1		\$9.2
2000	\$8.1	\$1.1		\$9.2
1999	\$15.3	\$1.3		\$16.6
1998	\$11.1	\$1.3		\$12.4
1997	\$13.8	\$0.9		\$14.7
1996	\$20.5	\$1.3		\$21.8
1995	\$16.9	\$0.9		\$17.8
1994	\$42.2	\$0.8		\$43.0
1993	\$20.6	\$0.8		\$21.4

SUMMARY

Incendiary fires increased in 2015 and dollar loss for these fires also increased. Incendiary fires were the cause of 5 percent of structure fires with known causes.

In 2015, 60 percent of all incendiary structure fires were in residential property as well as 74 percent of all incendiary dollar loss.

In the past 27 years, incendiary fires caused 62 deaths and more than \$367.1 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.

CASUALTIES

A night scene of a multi-car accident on a snowy road. In the foreground, a white pickup truck is partially visible on the left. In the middle ground, a dark SUV is stopped with its headlights on. Further back, another vehicle with flashing blue and red lights is visible. The ground is covered in snow, and there are some dark stains on it. The word "CASUALTIES" is overlaid in large, bold, white letters with a yellow outline. A red and yellow curved graphic element is at the top of the image.

The Good News and Bad News of Fire in Minnesota 2015

Each year, we dedicate a few pages in the Fire in Minnesota report to look at some of Minnesota's fire trends. Here is some of the good news and bad news from 2015.

Good news: Fire reporting continues to be strong

Minnesota was one of the first states to participate in the National Fire Incident Reporting System (NFIRS), which dates back to 1977. Minnesota was once again a leader in fire reporting last year with one of the highest reporting percentages of any state. In 2015, 768 of Minnesota's 779 fire departments (99 percent) reported fire incident data to the State Fire Marshal Division. This high reporting percentage is a credit to Minnesota's thousands of dedicated fire service personnel.

Bad news: Fire deaths were up

There were 57 fire deaths in 2015 — 13 more than in either 2013 or 2014 and the highest number of fatalities since 2002. These are not simply numbers; these are someone's daughter or son, mother or father, friend or neighbor.

Good news: Smoke alarm saves continue to be strong

There were 987 residential building fires (homes, apartments, hotels) where smoke alarms operated. In 81 percent of these fires, the occupants were alerted and responded. See more information on smoke alarm saves on page 13.

Bad news: Smoke alarm failures in one- and two-family dwellings

Overall, in fires in residential structures (homes, apartments, hotels, etc.), 81 percent of the occupants responded when their smoke alarm activated. However, in only 79 percent of the fires in one- and two-family dwelling fires did the occupants respond when their smoke alarm sounded. Perhaps this is because people feel

the safest in their own homes even though fire loss history shows that home fires carry the highest risk.

Another disturbing trend: There were 21 fires last year in which people did not respond or were not alerted to a fire by their smoke alarm. In 10 of these fires, the home had hard-wired smoke alarms, and seven of the 10 homes had hard-wired smoke alarms with battery backup. Those types of alarms are thought by many to be the best smoke alarm protection available.

Good news: Structure fires and dollar loss were down

Structure fires were down by 2 percent from 2014 to 2015. Dollar loss decreased by 1 percent during this same time. A breakdown of fire loss for the past five years can be found on page 6.



CASUALTIES

Bad news: Other fires were up 45 percent

Fires are grouped into three major categories: Structure fires, vehicle fires and other fires. Other fires are outdoor fires, grass fires, rubbish fires and wildland fires. Last year there was a major increase in natural vegetation, wildland area, brush, grass and trash fires.

Good news: Fire departments save far more than what is lost

Fire departments responded to just over 6,000 structure fires. The total loss from these fires — both the buildings and their contents — was nearly \$193 million.

Based on property valuation, it is estimated that fire departments responded to fires in buildings valued at a total of just over \$1.9 billion. This means that almost 90 percent of the value of the buildings and their contents remained after the fire.

Good news: Sprinklers continue saving lives, property

There were also 78 sprinkler saves in Minnesota in 2015. Every five days in Minnesota, an automatic fire sprinkler system knocks down a fire and saves homes, businesses, communities and lives. See page nine for a breakdown of these sprinkler saves.

As you can see, 2015 was a mixture of good and bad and ups and downs. We hope that in future years the Minnesota fire service can build on the successes and minimize the failures.



Fire Deaths and Smoke Alarm Performance

In 2015, 57 civilians lost their lives in Minnesota fires. In 19 percent of the residential casualties, smoke alarms were absent or non-operating. In 44 percent of residential fires, it was not possible to determine whether a smoke detector was present or operating.

FIRE DEATHS AND SMOKE ALARM PERFORMANCE			
Circumstance	Fatalities	% of Dwelling Fires	% of Total Deaths
No Smoke Alarms Present	6	13%	11%
Inoperable Smoke Alarms Present	3	6%	5%
Working Smoke Alarms Present	14	29%	25%
Unknown If Alarms Present/Working	21	44%	37%
Not a Factor/Suicides, Explosions, etc.	4	8%	7%
TOTAL DEATHS IN DWELLINGS	48	100%	85%
Other Fire Deaths (Including vehicles, outdoors, other structures, etc.)	9		16%
TOTAL FIRE DEATHS	57		100%

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

- Intoxication/Drug Use: 5
- Smoking with oxygen tank nearby: 4
- Young child: 3
- Medical issue: 1
- Unknown: 1

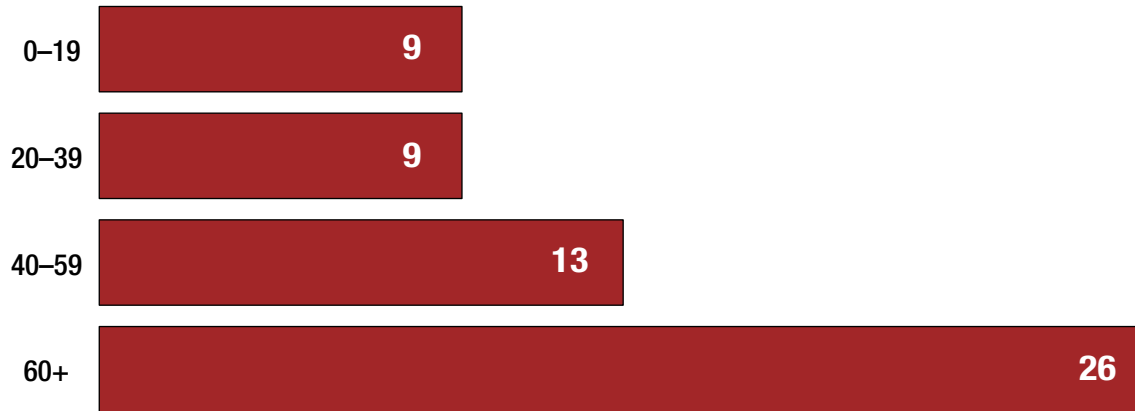
Civilian Fire Deaths

Thirty-seven percent of fire deaths in 2015 occurred between the hours of 12 p.m. and 6 p.m. Thirty-two percent of the fire deaths occurred in January through March alone.

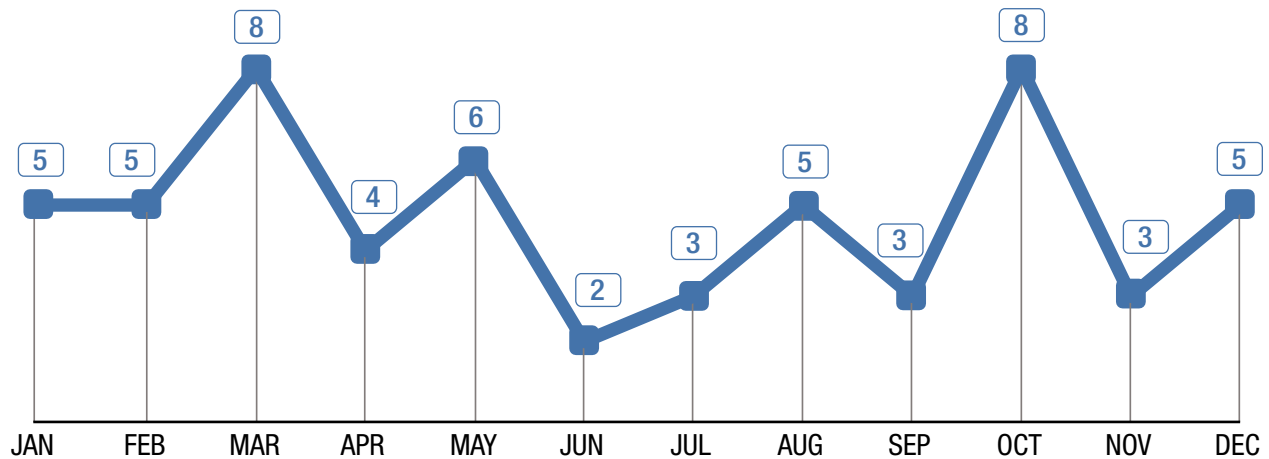
Deaths in the 0-19 age group and the 40-59 age group increased slightly from 2014. The 20-to 39-year-old group remained the same. Fire deaths in the 60+ age range increased 53 percent and still had the largest number of fire deaths in 2015 (26).

CASUALTIES

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	2	2	4	1	9
Unattended Cooking	1	1	0	3	5
Arson/Suicide	1	2	2	0	5
Electrical Malfunction	1	1	1	0	3
Combustible too Close	0	0	2	0	2
Vehicle	0	0	1	1	2
Other	0	1	5	1	7
Undetermined	5	6	6	7	24
TOTAL	10	13	21	13	57

Civilian Fire Deaths: Where and Why?

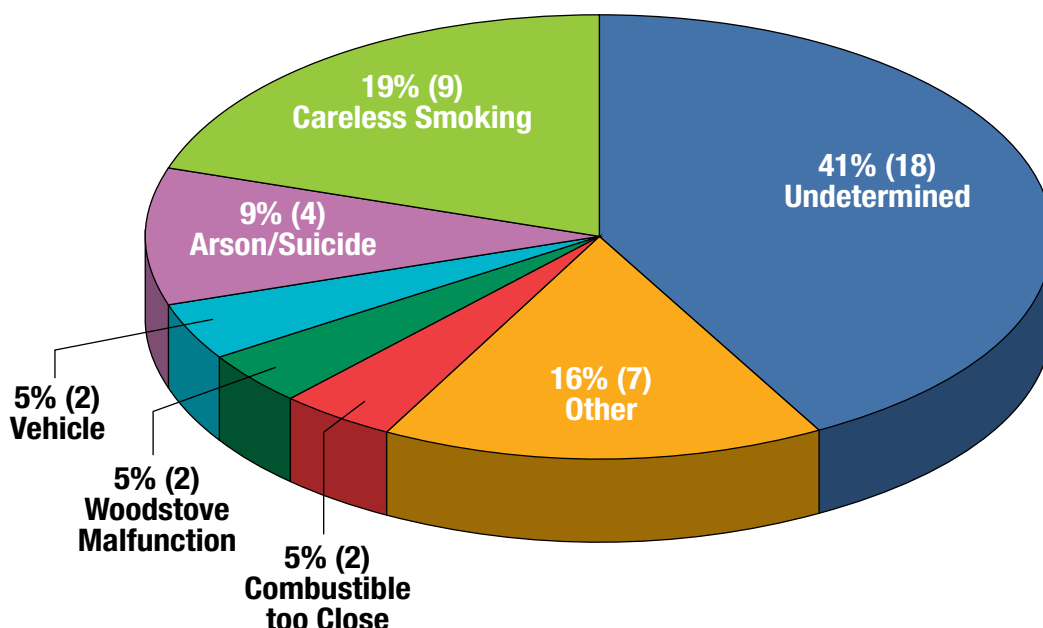
Seventy-four percent of all 2015 fire deaths occurred where people generally feel safest — in their homes.

2015 civilian fire deaths by location:

- Single-family homes 36
- Multi-family homes 6
- Outside 4
- Vehicle 4
- Parking area 2
- Other 5

In 2015, careless smoking was the leading cause of known fatal fires. Alcohol or drug use was a factor in 44 percent of the careless smoking deaths and in 21 percent of all fire deaths.

CIVILIAN FIRE DEATHS BY CAUSE



2015 FIRE DEATHS

Date	City/Town	Structure	Cause	Age
1/1/2015	Vadnais Hgts.	Single Family	Undetermined	54
1/3/2015	Minneapolis	Single Family	Undetermined	47
1/12/2015	Braham	Single Family	Undetermined	81
1/12/2015	Minneapolis	Single Family	Undetermined	60
1/16/2015	Brooklyn Center	Apartment	Undetermined	2
2/8/2015	St. Paul	Single Family	Undetermined	4
2/8/2015	Minneapolis	Duplex	Undetermined	23
2/11/2015	Princeton	Shed	Spark From Cutting	61
2/16/2015	Albert Lea	Single Family	Undetermined	79
2/26/2015	Kenyon	Single Family	Careless Smoking	77

2015 FIRE DEATHS

Date	City/Town	Structure	Cause	Age
3/3/2015	Brainerd	Apartment	Undetermined	65
3/19/2015	Minneapolis	Apartment	Undetermined	65
3/22/2015	St. Paul	Single Family	Electrical Malfunction	64
3/26/2015	Duluth Twp.	Single Family	Suicide	37
3/27/2015	Woodbury	Supervised Living	Careless Smoking	77
3/30/2015	Ellsworth	Highway	Vehicle Collision	59
3/30/2015	Grey Eagle	Single Family	Spontaneous Combustion	79
3/31/2015	St. Paul	Apartment	Undetermined	71
4/6/2015	Wahkon	Single Family	Electrical Malfunction	94
4/10/2015	Belgrade	Single Family	Spark From Welding	87
4/23/2015	Lakeville	Single Family	Careless Smoking	37
4/24/2015	Northfield	Parking Area	Arson	25
5/9/2015	Newport	Outdoors	Gasoline Leak	75
5/11/2015	Jasper	Hog Barn	Undetermined	50
5/11/2015	Jasper	Hog Barn	Undetermined	32
5/18/2015	St. Paul	Single Family	Careless Smoking	84
5/21/2015	Crookston	Single Family	Combustible Too Close	60
5/25/2015	Mapleton Twp.	Highway	Undetermined	57
6/7/2015	Elmore	Single Family	Careless Smoking	63
6/13/2015	Redwood Falls	Single Family	Unattended Cooking	38
7/21/2015	New Hope	Single Family	Undetermined	28
7/27/2015	Park Rapids	Single Family	Careless Smoking	82
7/30/2015	Delano	Single Family	Arson	58
8/7/2015	Cohasset	Outdoors	Combustible Too Close	79
8/16/2015	St. Cloud	Single Family	Careless Smoking	70
8/25/2015	International Falls	Other	Careless Open Burning	71
8/28/2015	Elk River	Single Family	Suicide	47
8/30/2015	Hendrum	Single Family	Careless Smoking	68
9/1/2015	Freeport	Single Family	Undetermined	50
9/4/2015	St. Paul	Single Family	Unattended Candle	67
9/5/2015	Bloomington	Single Family	Undetermined	73
10/3/2015	Minneapolis	Single Family	Undetermined	6
10/3/2015	Minneapolis	Single Family	Undetermined	1
10/3/2015	Minneapolis	Single Family	Undetermined	8

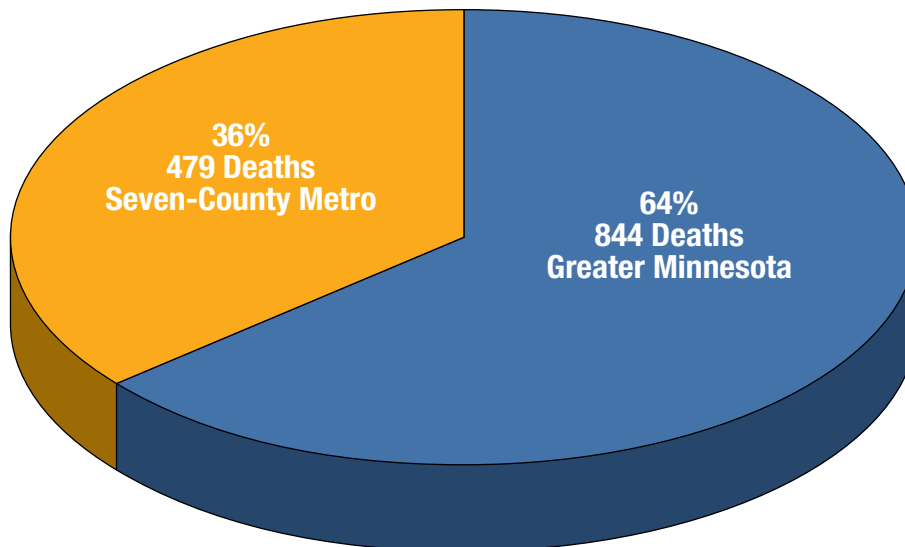
2015 FIRE DEATHS

Date	City/Town	Structure	Cause	Age
10/6/2015	Pine City	Street	Vehicle Collision	54
10/11/2015	Osakis Twp.	Single Family	Careless Smoking	52
10/13/2015	South St. Paul	Single Family	Unattended Cooking	60
10/13/2015	South St. Paul	Single Family	Unattended Cooking	5
10/13/2015	South St. Paul	Single Family	Unattended Cooking	2
11/13/2015	Mountain Iron	Outdoors	Fireworks	19
11/24/2015	Stanchfield	Highway	Undetermined	54
11/26/2015	Austin	Parking Area	Undetermined	43
12/11/2015	Alexandria	Outdoors	Suicide	24
12/12/2015	Mountain Iron	Apartment	Unattended Cooking	25
12/13/2015	Ham Lake	Single Family	Electrical Malfunction	5
12/18/2015	Minneapolis	Single Family	Undetermined	82
12/25/2015	Austin	Single Family	Undetermined	53

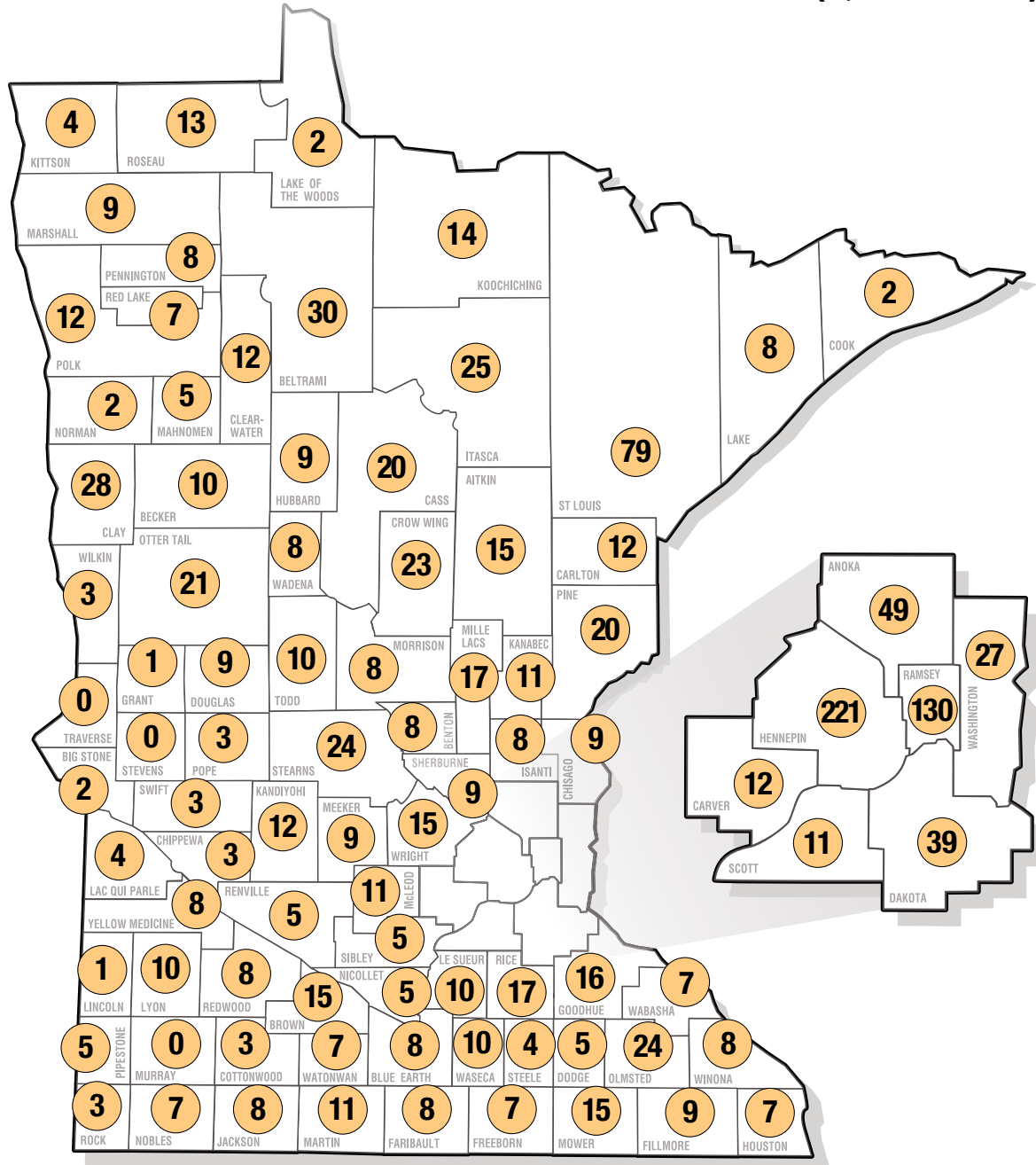
Civilian Deaths: 1990 through 2015

In the past 26 years, 1,323 Minnesota civilians have died in fires (see distribution by county on the next page). In 2015, 45 percent of our state population lived in greater Minnesota, where the per capita fire death rate was 1.33 deaths for every 100,000 people. The per capita fire death rate for the metro area in 2015 was 0.81 per 100,000, while the rate for the state as a whole was 1.05 per 100,000. That is slightly below the national per capita fire death rate, which was 1.1 per 100,000. There are three Minnesota counties that have remained fatality free for the past 26 years: Traverse, Stevens and Murray.

CIVILIAN FIRE DEATHS SINCE 1990 (1,323 TOTAL)



CIVILIAN FIRE DEATHS BY COUNTY SINCE 1990 (1,323 TOTAL)



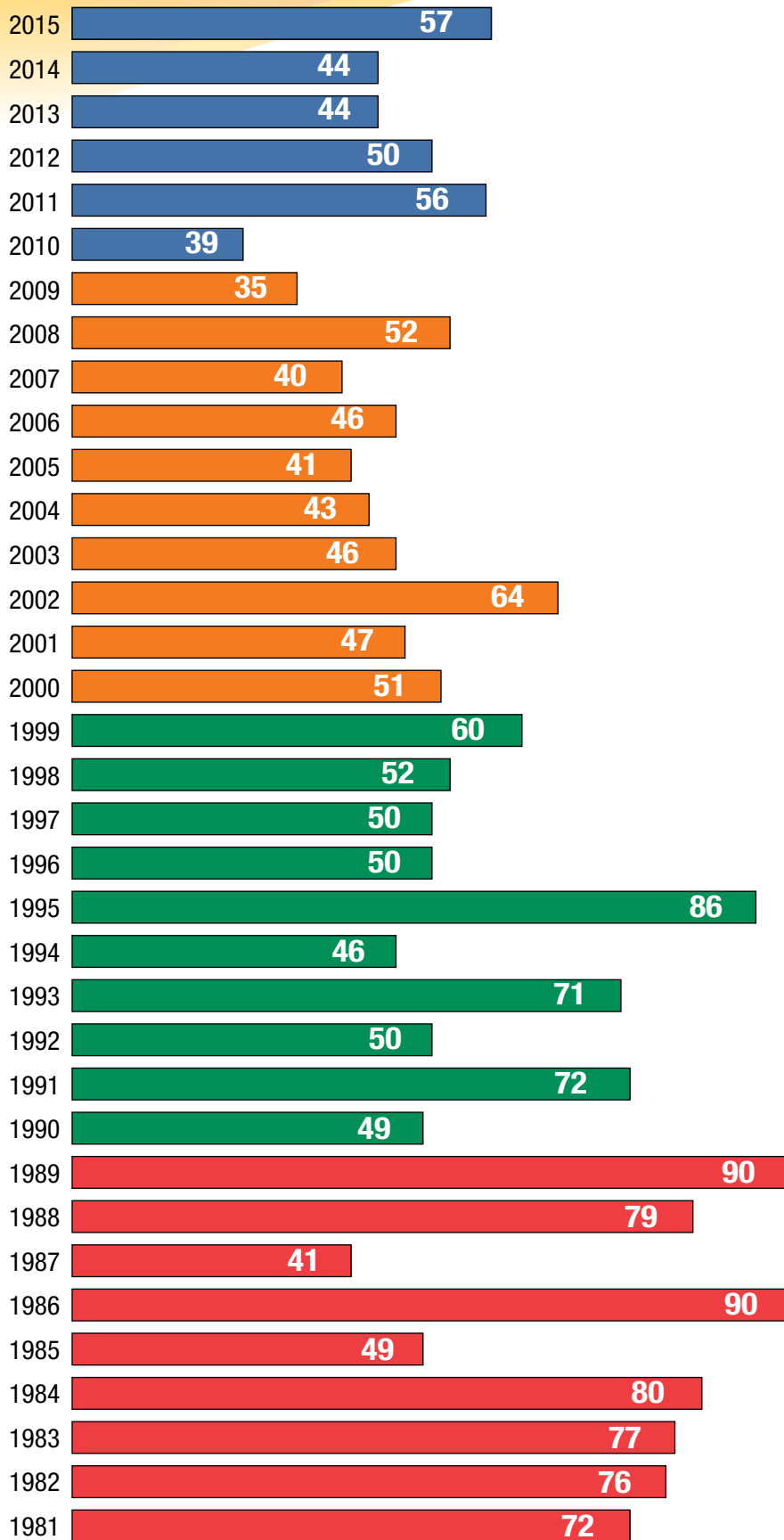
30-Plus Years of Fire Death History

As Minnesota's population has grown from 3.8 million in 1970 to 5.4 million in 2015, fire deaths have decreased. During the 1980s, fire deaths in Minnesota dropped 19 percent from the levels of the 1970s. The 1990s showed a further decrease of 25 percent from the levels of the 1980s. The 2000s had a decrease of 21 percent from the 1990s.

Much of this decline in the fire death trend can be attributed to fire service advancements. Since the mid-seventies, the promotion of fire protection technology (smoke alarms, sprinkler systems, etc.) has become widespread in Minnesota.

Also during this time, the state has mandated new inspection and code enforcement programs targeting hotels, motels, schools, and health and day-care facilities.

FIRE DEATHS THE PAST 30+ YEARS



Firefighter Deaths

The Minnesota Fire Service mourns the loss of one of its members in 2015. Firefighter Shane Clifton suffered a heart attack while on duty at a station in St. Paul.

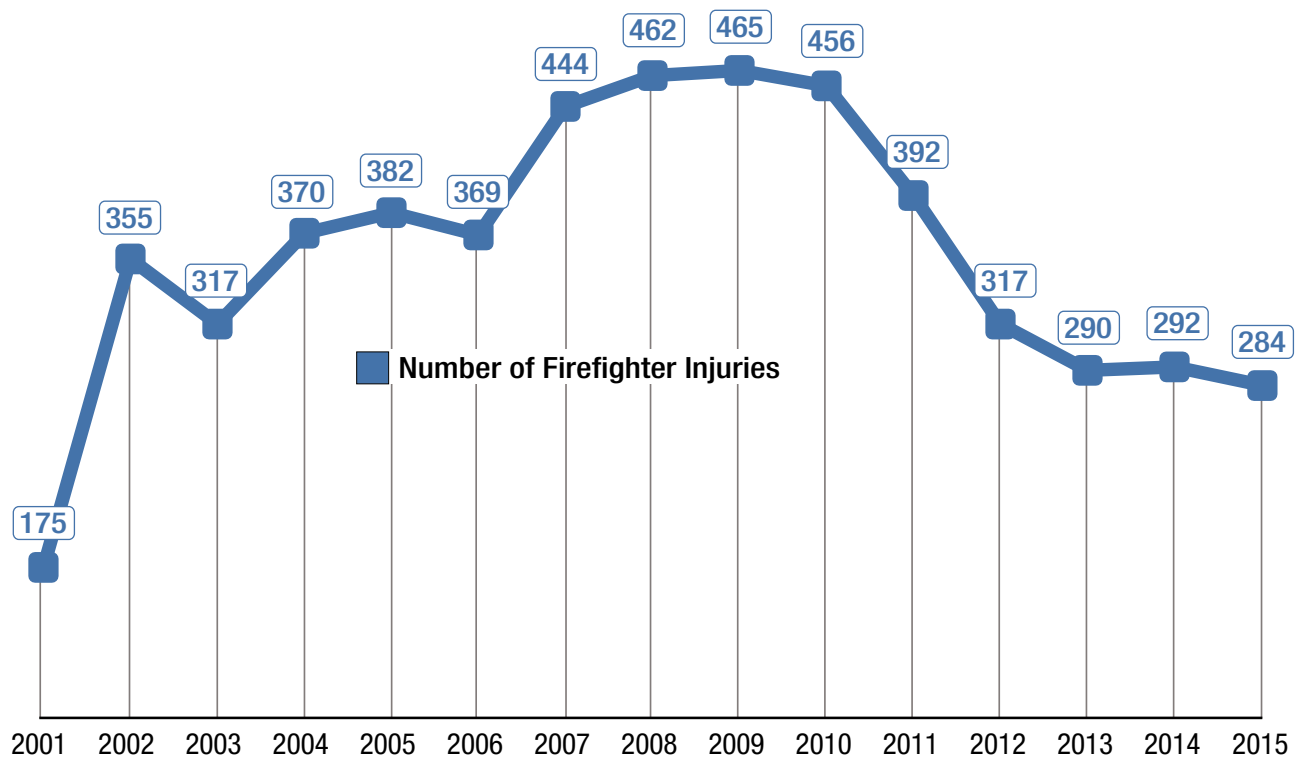
In 2015, 68 on-duty firefighter deaths occurred in the United States. This is the fourth year of the past five that the total number of injured firefighters has been under 70. We honor those who have fallen and remember them with pride and gratitude for their dedicated service in protecting their fellow citizens.

MINNESOTA FIREFIGHTER LINE OF DUTY DEATHS 1996 – 2015		
Year	Name Of Firefighter	City
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

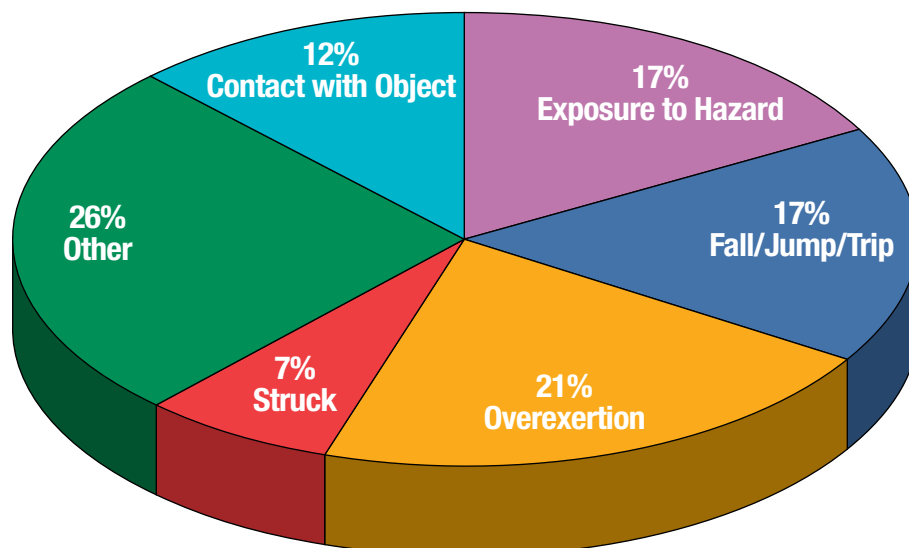
Firefighter Injuries

In 2015, 284 Minnesota firefighters were injured on the job — a slight increase from 2014. Of these injuries, 155 (55 percent) were fire-related. Seventy percent of these fire-related injuries occurred while firefighters were fighting residential structure fires (109). Of known causes, “overexertion” was the most common (21 percent) with fall/jump/trip and exposure to hazards as the next highest at 17 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 2011 through 2015 totaled over \$2 million, averaging nearly \$437,000 per year.

FIREWORKS INCIDENTS DOLLAR LOSS [†]											
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
June–July	\$373,410	\$300,600	\$130,866	\$89,550	\$26,300	\$12,000	\$194,746	\$64,000	\$161,510	\$61,969	\$1,414,951
No. of Incidents	116	141	92	61	24	15	47	27	28	25	576
% of Total Dollar Loss	97%	93%	94%	94%	19%	21%	97%	68%	9%	73%	93%
Average Dollar Loss	\$3,219	\$2,132	\$1,422	\$1,468	\$1,096	\$800	\$4,144	\$2,370	\$5,768	\$2,479	\$2,457
Total/Year	\$384,010	\$322,400	\$139,366	\$95,350	\$137,800	\$57,250	\$200,446	\$94,300	\$1,748,610 ^{††}	\$84,469	\$3,264,001
No. of Incidents	141	175	123	92	45	22	79	46	37	42	802
Average Dollar Loss	\$2,723	\$1,842	\$1,133	\$1,036	\$3,062	\$2,602	\$2,537	\$2,050	\$47,260	\$2,011	\$4,070

[†] Information source: Minnesota Fire Incident Reporting System (average of 85% of state fire departments report into this system).

^{††} \$1.3M vehicle storage fire in Zumbrota, MN.

Fireworks Injuries

Fireworks injuries most commonly occur to males between 20 and 39 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 2006–2015

Years of Age	2006 No. %	2007 No. %	2008 No. %	2009 No. %	2010 No. %	2011 No. %	2012 No. %	2013 No. %	2014 No. %	2015 No. %	Total No. %
0–9	13 23%	15 23%	12 19%	9 16%	13 15%	17 20%	15 26%	11 18%	15 21%	19 22%	139 20%
10–19	22 39%	17 26%	23 36%	11 19%	19 22%	17 20%	8 14%	14 23%	14 20%	12 14%	157 23%
20–29	10 18%	19 29%	13 20%	16 28%	22 25%	19 23%	12 21%	12 20%	18 25%	19 22%	160 23%
30–39	6 11%	9 14%	5 8%	12 21%	10 11%	18 21%	9 16%	14 23%	12 17%	17 19%	112 16%
40–49	4 7%	4 6%	5 8%	8 14%	13 15%	4 5%	10 18%	6 10%	5 7%	15 17%	74 11%
50+	1 2%	1 2%	6 9%	1 2%	10 11%	9 11%	3 5%	3 5%	7 10%	6 7%	47 7%
Total	58** 100%	67** 100%	66** 100%	57 100%	87 100%	85** 100%	57 100%	60 100%	71 100%	89** 100%	697 100%
Male	39 67%	46 69%	51 77%	45 79%	61 70%	66 78%	33 58%	45 76%	52 74%	58 65%	496 71%
Female	19 33%	21 31%	15 23%	12 21%	26 30%	19 22%	24 42%	15 24%	19 26%	31 35%	201 29%

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

** There were two injuries in 2006, two injuries in 2007, two injuries in 2008, one injury in 2011, and one injury in 2015 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 2015, 74 percent of fire deaths and 79 percent of civilian injuries occurred in residential settings. Ninety-one percent of fire deaths were in residential property. The presence or absence of working smoke alarms is often a factor in fire fatalities. In 19 percent of fire deaths occurring in dwellings, smoke alarms were not present or not working. In 44 percent of residential deaths, it was not known whether alarms were present or functioning.

Careless smoking was the leading cause of fire deaths in 2015 with nine fire deaths. Alcohol or drug use was an impairing factor in 21 percent of all fire deaths.

Total fire deaths increased by 30 percent in 2015. The youngest age group (0-19) and the 40 to 59 year age group increased slightly in 2015 and the 20 to 39 year age group stayed the same. The 60+ age group also increased by 53 percent and still represents the largest number of all fire fatalities from 2015.

Fifty-five percent of firefighter injuries took place while fighting fires; 70 percent of these fire-related injuries occurred at residential structure fires.

Overall, fire deaths have decreased over the past 30 year 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.



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 2015.

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 79 counties last year, 99 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 2015, there was one fire for every 242 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	15,762	77	150	\$1,642,000	242	\$25,262	
Anoka	342,612	795	16,263	\$7,931,256	514	\$11,909	1
Becker	33,272	195	340	\$825,779	233	\$5,775	
Beltrami	45,770	137	2,112	\$1,073,400	472	\$11,066	
Benton	39,518	116	505	\$1,767,190	399	\$17,850	
Big Stone	5,124	19	18	\$131,900	320	\$8,244	
Blue Earth	65,620	181	3,322	\$4,434,700	403	\$27,207	1
Brown	25,463	96	137	\$2,576,883	326	\$33,037	1
Carlton	35,576	189	3,782	\$2,270,517	267	\$17,072	
Carver	97,162	246	2,567	\$1,991,610	568	\$11,647	
Cass	28,570	144	449	\$1,298,785	215	\$9,765	
Chippewa	12,132	41	57	\$328,800	328	\$8,886	
Chisago	54,134	172	946	\$2,048,361	426	\$16,129	
Clay	61,196	215	3,452	\$2,930,705	340	\$16,282	
Clearwater	8,794	62	85	\$70,500	172	\$1,382	
Cook	5,231	17	84	\$134,150	436	\$11,179	
Cottonwood	11,633	48	41	\$172,308	332	\$4,923	
Crow Wing	63,371	242	1,617	\$6,563,500	312	\$32,333	1
Dakota	411,507	766	18,780	\$14,472,729	611	\$21,505	4
Dodge	20,352	48	655	\$283,000	509	\$7,075	

PARTICIPATION

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	36,789	160	474	\$1,570,920	252	\$10,760	2
Faribault	14,124	80	203	\$1,724,883	252	\$30,801	1
Fillmore	20,783	75	139	\$2,657,800	297	\$37,969	
Freeborn	30,831	117	2,398	\$1,487,015	367	\$17,703	1
Goodhue	46,480	157	1,321	\$1,831,675	334	\$13,178	1
Grant	5,923	65	144	\$1,206,500	132	\$26,811	
Hennepin	1,210,720	3,147	82,897	\$33,247,524	436	\$11,968	11
Houston	18,766	49	435	\$292,210	447	\$6,957	
Hubbard	20,596	91	71	\$1,128,376	294	\$16,120	1
Isanti	38,397	97	1,110	\$1,181,200	474	\$14,583	2
Itasca	45,639	280	1,194	\$2,410,788	222	\$11,703	
Jackson	10,266	31	79	\$387,400	395	\$14,900	
Kanabec	15,966	65	66	\$961,852	319	\$19,237	
Kandiyohi	42,258	153	422	\$567,521	328	\$4,399	1
Kittson	4,440	50	61	\$397,000	131	\$11,676	
Koochiching	13,018	46	1,585	\$679,270	296	\$15,438	
Lac Qui Parle	6,922	40	48	\$333,506	210	\$10,106	
Lake	10,695	49	155	\$1,008,900	267	\$25,223	
Lake of the Woods	3,921	15	11	\$138,500	302	\$10,654	
LeSueur	27,791	74	431	\$1,251,810	456	\$20,521	
Lincoln	5,788	26	17	\$279,621	263	\$12,710	
Lyon	25,746	107	252	\$1,199,350	396	\$18,452	
McLeod	35,942	148	1,176	\$1,508,092	321	\$13,465	
Mahnomen	5,503	29	14	\$120,900	262	\$5,757	
Marshall	9,420	69	133	\$1,039,050	160	\$17,611	
Martin	20,295	70	147	\$1,017,950	432	\$21,659	
Meeker	23,122	94	330	\$877,450	326	\$12,358	
Mille Lacs	25,862	139	447	\$3,049,047	242	\$28,496	2
Morrison	32,859	188	456	\$2,104,812	199	\$12,756	
Mower	39,356	184	927	\$898,370	234	\$5,347	2
Murray	8,475	39	40	\$142,078	292	\$4,899	
Nicollet	33,350	57	244	\$574,900	725	\$12,498	
Nobles	21,574	59	218	\$1,393,150	392	\$25,330	1
Norman	6,643	56	65	\$312,000	185	\$8,667	1

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	150,201	292	10,018	\$4,753,800	544	\$17,224	
Otter Tail	57,612	258	809	\$1,998,785	335	\$11,621	
Pennington	14,119	66	174	\$339,801	221	\$5,309	
Pine	29,196	187	573	\$2,122,200	241	\$17,539	1
Pipestone	9,336	39	92	\$781,250	292	\$24,414	
Polk	31,545	130	1,512	\$727,350	279	\$6,437	1
Pope	10,982	61	99	\$625,500	229	\$13,031	
Ramsey	529,506	1,847	31,893	\$22,191,775	298	\$12,495	6
Red Lake	4,048	43	25	\$201,000	109	\$5,432	
Redwood	15,573	65	56	\$570,770	324	\$11,891	1
Renville	15,067	81	64	\$7,297,600	239	\$115,835	
Rice	65,180	153	2,256	\$2,148,940	435	\$14,326	1
Rock	9,555	42	113	\$195,620	319	\$6,521	2
Roseau	15,663	64	88	\$711,500	290	\$13,176	
St. Louis	200,840	1,126	21,900	\$12,238,426	262	\$15,956	3
Scott	138,727	320	3,711	\$8,631,366	608	\$37,857	
Sherburne	91,223	236	1,413	\$2,614,052	493	\$14,130	1
Sibley	14,919	58	159	\$1,536,550	347	\$35,734	
Stearns	153,326	526	8,301	\$3,443,312	341	\$7,652	3
Steele	36,532	83	525	\$1,833,441	507	\$25,464	
Stevens	9,836	21	82	\$496,676	492	\$24,834	
Swift	9,453	47	74	\$194,500	278	\$5,721	
Todd	24,266	116	320	\$2,876,100	255	\$30,275	1
Traverse	3,392	22	19	\$207,000	188	\$11,500	
Wabasha	21,376	67	257	\$382,250	396	\$7,079	
Wadena	13,768	87	136	\$1,055,350	246	\$18,846	
Waseca	19,029	58	765	\$295,860	453	\$7,044	
Washington	249,109	493	14,751	\$11,595,606	681	\$31,682	2
Watsonwan	11,095	59	119	\$390,725	292	\$10,282	
Wilkin	6,503	34	66	\$81,000	241	\$3,000	
Winona	51,109	110	2,619	\$1,214,760	501	\$11,909	
Wright	129,946	338	2,759	\$6,234,962	546	\$26,197	1
Yellow Medicine	10,127	43	62	\$1,676,600	274	\$45,314	
Total		17,084	258,882	\$223,593,920	386	\$15,826	57

PARTICIPATION

FIRE DEPARTMENTS REPORTING IN 2015

Department	County	Fires	Non-Fires	Dollar Loss
Ada	Norman	12	25	\$4,300
Adams	Mower	9	20	\$200,000
Adrian	Nobles	3	69	\$34,000
Aitkin	Aitkin	28	48	\$1,057,700
Alaska	Beltrami	9	10	\$35,800
Albany	Stearns	15	193	\$14,000
Albert Lea	Freeborn	42	2,042	\$894,815
Albert Lea Township	Freeborn	6	33	\$2,500
Albertville	Wright	25	231	\$1,024,010
Alborn	St. Louis	7	42	\$4,600
Alden	Freeborn	6	55	\$0
Alexandria	Douglas	62	114	\$547,200
Almelund	Chisago	8	85	\$60,700
Alpha	Jackson	1	16	\$0
Altura	Winona	1	5	\$10,000
Alvarado	Marshall	7	26	\$43,000
Amboy	Blue Earth	6	45	\$600
Andover	Anoka	65	623	\$862,600
Annandale	Wright	19	195	\$246,000
Anoka-Champlin	Anoka	59	535	\$36,100
Apple Valley	Dakota	81	1,316	\$598,375
Appleton	Swift	2	3	\$5,000
Arco	Lincoln	1	1	\$5,020
Argyle	Marshall	9	42	\$60,000
Arlington	Sibley	12	47	\$146,500
Arrowhead	St. Louis	DID NOT REPORT		
Ashby	Grant	16	14	\$352,500
Askov	Pine	12	93	\$0
Atwater	Kandiyohi	7	17	\$4,101
Audubon	Becker	38	21	\$191,259
Aurora	St. Louis	13	33	\$82,800
Austin	Mower	139	761	\$609,370
Avon	Stearns	17	133	\$82,150
Babbitt	St. Louis	13	26	\$2,502
Backus	Cass	13	10	\$222,445
Badger	Roseau	9	5	\$100,000
Bagley	Clearwater	26	17	\$0
Balaton	Lyon	10	25	\$111,000

FIRE DEPARTMENTS REPORTING IN 2015

Department	County	Fires	Non-Fires	Dollar Loss
Balsam	Itasca	13	59	\$38,002
Barnesville	Clay	33	57	\$57,350
Barnum	Carlton	12	93	\$0
Barrett	Grant	12	39	\$132,000
Battle Lake	Ottertail	10	7	\$15,000
Baudette	Lake Of The Woods	6	6	\$129,000
Bayport	Washington	41	1,193	\$475,305
Bear Creek	Clearwater	0	0	\$0
Beardsley	Big Stone	3	2	\$20,100
Bearville Township	Itasca	2	5	\$125,000
Beaver Creek	Rock	5	15	\$0
Becker	Sherburne	32	371	\$572,502
Belgrade	Stearns	8	68	\$64,500
Belle Plaine	Scott	23	129	\$288,720
Bellingham	Lac Qui Parle	12	8	\$300,756
Beltrami	Polk	6	15	\$0
Belview	Redwood	6	0	\$100,000
Bemidji	Beltrami	97	2,055	\$771,550
Benson	Swift	19	47	\$7,500
Bertha	Todd	12	41	\$135,000
Bethel	Anoka	11	23	\$6,000
Big Falls	Koochiching	DID NOT REPORT		
Big Lake	Sherburne	38	159	\$586,200
Bigelow	Nobles	1	0	\$0
Bigfork	Itasca	19	15	\$243,000
Birchdale	Sherburne	1	0	\$0
Bird Island	Renville	12	1	\$419,600
Biwabik	St. Louis	4	24	\$100,100
Biwabik Township	St. Louis	12	32	\$14,200
Blackduck	Beltrami	7	23	\$177,000
Blackhoof	Carlton	12	35	\$27,200
Blomkest	Kandiyohi	10	5	\$25,750
Blooming Prairie	Steele	8	31	\$165,031
Bloomington	Hennepin	206	1,313	\$4,121,969
Blue Earth	Faribault	22	53	\$155,000
Bluffton	Ottertail	7	1	\$0
Bois Forte	St. Louis	0	3	\$0
Borup	Norman	7	5	\$0

PARTICIPATION

FIRE DEPARTMENTS REPORTING IN 2015

Department	County	Fires	Non-Fires	Dollar Loss
Bowlus	Morrison	6	3	\$475,962
Boyd	Lac Qui Parle	5	19	\$5,000
Braham	Isanti	3	2	\$205,000
Brainerd	Crow Wing	87	408	\$3,486,600
Brandon	Douglas	14	68	\$0
Breckenridge	Wilkin	22	16	\$80,000
Breitung Township	St. Louis	6	33	\$0
Brevator Township	St. Louis	13	3	\$20,000
Brewster	Nobles	8	43	\$303,100
Bricelyn	Faribault	7	7	\$15,500
Brimson	St. Louis	2	17	\$0
Brook Park	Pine	20	9	\$23,000
Brooklyn Center	Hennepin	106	1,878	\$1,250,112
Brooklyn Park	Hennepin	230	8,353	\$840,435
Brooten	Stearns	4	11	\$0
Browerville	Todd	19	50	\$90,000
Browns Valley	Traverse	2	3	\$20,500
Brownsdale	Mower	7	59	\$1,000
Brownsville	Houston	5	36	\$3,000
Brownton	McLeod	7	77	\$4,000
Bruno	Pine	9	3	\$16,600
Buffalo	Wright	28	152	\$266,700
Buffalo Lake	Renville	8	0	\$60,500
Buhl	St. Louis	10	13	\$35,000
Burnsville	Dakota	109	5,911	\$3,255,670
Butterfield	Watonwan	5	27	\$25,000
Buyck	St. Louis	2	5	\$2,000
Byron	Olmsted	17	51	\$12,500
Caledonia	Houston	10	28	\$205,000
Callaway	Becker	8	2	\$0
Cambridge	Isanti	41	280	\$377,000
Camp Ripley	Morrison	36	109	\$22,100
Campbell	Wilkin	DID NOT REPORT		
Canby	Yellow Medicine	7	17	\$12,600
Cannon Falls	Goodhue	33	270	\$0
Canosia Township	St. Louis	23	149	\$417,000
Canton	Fillmore	5	3	\$1,091,000
Carlos	Douglas	11	2	\$0

FIRE DEPARTMENTS REPORTING IN 2015

Department	County	Fires	Non-Fires	Dollar Loss
Carlton	Carlton	16	176	\$279,402
Carsonville	Becker	32	133	\$133,000
Carver	Carver	20	128	\$30,700
Cass Lake	Cass	36	76	\$60,040
Centennial	Anoka	51	1,209	\$784,955
Center City	Chisago	4	152	\$0
Central Lakes	St. Louis	7	10	\$0
Ceylon	Martin	5	2	\$102,000
Chain Of Lakes	Stearns	8	12	\$120,000
Chandler	Murray	3	20	\$1,000
Chanhassen	Carver	41	650	\$150,489
Chaska	Carver	39	526	\$187,851
Chatfield	Fillmore	14	29	\$63,100
Cherry Township	St. Louis	17	48	\$35,000
Chisago City	Chisago	21	51	\$300,011
Chisholm	St. Louis	7	39	\$874,900
Chokio	Stevens	5	5	\$388,676
Clara City	Chippewa	10	10	\$0
Claremont	Dodge	2	10	\$3,500
Clarissa	Todd	12	95	\$0
Clarkfield	Yellow Medicine	6	0	\$1,396,000
Clarks Grove	Freeborn	10	53	\$39,800
Clear Lake	Sherburne	25	180	\$290,000
Clearbrook	Clearwater	12	64	\$0
Clearwater	Wright	23	230	\$110,100
Clements	Redwood	DID NOT REPORT		
Cleveland	Lesueur	13	63	\$146,000
Clifton Township	St. Louis	14	13	\$430,200
Climax	Polk	3	1	\$0
Clinton	Big Stone	2	2	\$105,000
Clinton Township	St. Louis	10	34	\$200,000
Clontarf	Swift	1	0	\$0
Cloquet Area	Carlton	52	2,718	\$973,415
Cohasset	Itasca	42	233	\$53,000
Cokato	Wright	13	73	\$367,000
Cold Spring	Stearns	16	389	\$261,000
Cologne	Carver	21	78	\$93,500
Columbia Heights	Anoka	58	2,706	\$370,900

PARTICIPATION

FIRE DEPARTMENTS REPORTING IN 2015

Department	County	Fires	Non-Fires	Dollar Loss
Colvill Area	Cook	4	23	\$0
Colvill Area	St. Louis	3	2	\$0
Comfrey	Brown	12	1	\$15,438
Conger	Freeborn	2	1	\$5,000
Cook	St. Louis	18	29	\$27,500
Coon Rapids	Anoka	106	5,048	\$752,493
Correll	Big Stone	0	0	\$0
Cosmos	Meeker	9	13	\$48,500
Cottage Grove	Washington	34	2,720	\$589,380
Cotton	St. Louis	3	46	\$0
Cottonwood	Lyon	16	15	\$301,000
Courtland	Nicollet	6	35	\$188,000
Crane Lake	St. Louis	2	3	\$0
Cromwell	Carlton	12	19	\$252,000
Crooked Lake Township	Cass	3	16	\$29,500
Crookston	Polk	36	281	\$571,650
Crosby	Crow Wing	10	35	\$201,500
Crosslake	Crow Wing	13	294	\$10,600
Culver	St. Louis	DID NOT REPORT		
Currie	Murray	6	6	\$20,350
Cuyuna	Crow Wing	3	3	\$0
Cyrus	Pope	7	11	\$58,650
Dakota	Winona	6	67	\$0
Dalbo	Isanti	10	70	\$15,000
Dalton	Ottertail	12	53	\$0
Danube	Renville	9	7	\$0
Danvers	Swift	3	4	\$0
Darfur	Watsonwan	2	10	\$2,080
Dassel	Meeker	23	205	\$365,250
Dawson	Lac Qui Parle	10	5	\$5,000
Dayton	Hennepin	8	228	\$0
Deer Creek	Ottertail	9	84	\$86,000
Deer River	Itasca	34	56	\$588,204
Deerwood	Crow Wing	17	175	\$22,000
Degraff	Swift	6	0	\$0
Delano	Wright	34	445	\$573,850
Delavan	Faribault	4	11	\$61,000
Dent	Ottertail	12	15	\$9,500

FIRE DEPARTMENTS REPORTING IN 2015

Department	County	Fires	Non-Fires	Dollar Loss
Detroit Lakes	Becker	55	140	\$277,020
Dexter	Mower	2	3	\$75,000
Dilworth	Clay	34	38	\$302,000
Dodge Center	Dodge	8	177	\$64,500
Donnelly	Stevens	6	27	\$1,500
Dover	Olmsted	13	33	\$5,050
Dovray	Murray	4	0	\$0
Duluth	St. Louis	279	11,928	\$3,170,845
Dumont	Traverse	3	0	\$5,500
Dunnell-Lake Fremont	Martin	1	18	\$0
Duxbury	Pine	4	24	\$118,500
Eagan	Dakota	98	1,600	\$2,213,315
Eagle Bend	Todd	6	3	\$100,000
Eagle Lake	Blue Earth	6	141	\$0
Eagles Nest	St. Louis	1	26	\$0
East Bethel	Anoka	36	512	\$443,424
East Grand Forks	Polk	25	1,011	\$54,200
East Hubbard County	Hubbard	10	10	\$59,000
Easton	Faribault	0	2	\$0
Echo	Yellow Medicine	0	0	\$0
Eden Prairie	Hennepin	45	1,546	\$331,050
Eden Valley	Meeker	11	27	\$83,700
Edgerton	Pipestone	8	12	\$4,000
Edina	Hennepin	108	4,962	\$1,099,324
Eitzen	Houston	6	31	\$0
Elbow Lake	Grant	9	66	\$60,000
Elbow-Tulaby Lakes	Becker	4	2	\$0
Elgin	Wabasha	12	18	\$0
Elizabeth	Ottertail	8	46	\$6,700
Elk River	Sherburne	76	359	\$811,750
Ellendale	Steele	6	6	\$370,000
Ellsburg	St. Louis	4	39	\$0
Ellsworth	Nobles	5	17	\$10,500
Elmer	St. Louis	DID NOT REPORT		
Elmore	Faribault	9	49	\$76,000
Elrosa	Stearns	5	20	\$0
Ely	St. Louis	11	199	\$123,500
Elysian	Lesueur	4	63	\$504,000

PARTICIPATION

FIRE DEPARTMENTS REPORTING IN 2015

Department	County	Fires	Non-Fires	Dollar Loss
Embarrass	St. Louis	8	61	\$5,500
Emily	Crow Wing	9	15	\$1,800
Emmons	Freeborn	12	68	\$10,000
Erskine	Polk	13	86	\$0
Evansville	Douglas	5	52	\$4,520
Eveleth	St. Louis	24	122	\$6,200
Evergreen	St. Louis	10	11	\$0
Excelsior	Hennepin	35	775	\$50,095
Eyota	Olmsted	23	80	\$4,262,000
Fairfax	Renville	8	7	\$1,900,000
Fairmont	Martin	34	104	\$345,450
Falcon Heights	Ramsey	16	91	\$50,000
Faribault	Rice	72	2,079	\$345,940
Farmington	Dakota	44	677	\$1,602,608
Fayal	St. Louis	36	111	\$70,500
Federal Dam	Cass	1	0	\$0
Felton	Clay	12	0	\$395,000
Fergus Falls	Ottertail	43	154	\$454,475
Fertile	Polk	14	13	\$0
Fifty Lakes	Crow Wing	3	26	\$0
Finland	Lake	11	12	\$190,000
Finlayson	Pine	11	94	\$1,367,000
Fisher	Polk	0	9	\$0
Flensburg	Morrison	1	0	\$0
Floodwood	St. Louis	14	26	\$168,500
Foley	Benton	48	199	\$294,000
Forada Township	Douglas	9	49	\$0
Forest Lake	Washington	45	311	\$446,000
Foreston	Mille Lacs	11	65	\$367,000
Fosston	Polk	11	32	\$0
Fountain	Fillmore	DID NOT REPORT		
Foxhome	Wilkin	3	1	\$1,000
Franklin	Renville	3	8	\$20,000
Frazee	Becker	24	28	\$25,000
Fredenberg Township	St. Louis	16	65	\$39,000
Freeborn	Freeborn	3	5	\$0
Freeport	Stearns	6	9	\$4
French Township	St. Louis	11	7	\$13,500

FIRE DEPARTMENTS REPORTING IN 2015

Department	County	Fires	Non-Fires	Dollar Loss
Fridley	Anoka	104	3,045	\$715,508
Frost	Faribault	5	2	\$2,000
Fulda	Murray	5	5	\$3,400
Garfield	Douglas	8	66	\$145,000
Garrison	Crow Wing	30	185	\$1,008,600
Garvin	Lyon	4	4	\$0
Gary	Norman	8	1	\$0
Gaylord	Sibley	9	31	\$285,300
Geneva	Freeborn	8	31	\$0
Ghent	Lyon	10	11	\$0
Gibbon	Sibley	10	2	\$1,078,000
Gilbert	St. Louis	11	7	\$10,000
Glencoe	McLeod	24	87	\$115,000
Glenville	Freeborn	10	62	\$14,500
Glenwood	Pope	22	66	\$253,850
Glyndon	Clay	15	46	\$84,750
Gnesen Township	St. Louis	24	28	\$0
Golden Valley	Hennepin	66	644	\$363,302
Gonvick	Clearwater	15	0	\$0
Good Thunder	Blue Earth	9	86	\$90,000
Goodhue	Goodhue	19	18	\$605,000
Goodland Township	Itasca	2	0	\$0
Goodridge	Pennington	3	0	\$20,000
Goodview	Winona	8	160	\$0
Graceville	Big Stone	5	6	\$600
Granada	Martin	2	1	\$0
Grand Lake Township	St. Louis	31	145	\$460,000
Grand Marais	Cook	2	11	\$0
Grand Meadow	Mower	8	46	\$5,000
Grand Portage	Itasca	1	0	\$130,000
Grand Rapids	Itasca	55	185	\$437,430
Granite Falls	Yellow Medicine	15	23	\$166,500
Greaney-Rauch-Silverdale	St. Louis	2	0	\$0
Green Isle	Sibley	14	33	\$5,250
Greenbush	Roseau	11	10	\$88,000
Greenway Township	Itasca	20	183	\$18,505
Greenwood Township	St. Louis	7	185	\$52,000
Grey Eagle	Todd	7	0	\$0

PARTICIPATION

FIRE DEPARTMENTS REPORTING IN 2015

Department	County	Fires	Non-Fires	Dollar Loss
Grove City	Meeker	0	5	\$0
Grygla	Marshall	0	0	\$0
Gunflint Trail	Cook	0	2	\$0
Hackensack	Cass	11	16	\$350
Hallock	Kittson	9	16	\$15,500
Halstad	Norman	6	14	\$150,000
Ham Lake	Anoka	36	389	\$364,601
Hamburg	Carver	11	31	\$442,000
Hamel	Hennepin	16	163	\$34,000
Hancock	Stevens	1	0	\$7,000
Hanley Falls	Yellow Medicine	2	5	\$95,000
Hanover	Wright	29	124	\$298,200
Hanska	Brown	8	13	\$57,000
Hardwick	Rock	8	10	\$73,000
Harmony	Fillmore	6	6	\$20,500
Harris	Chisago	4	0	\$4,100
Hartland	Freeborn	1	0	\$0
Hastings	Dakota	71	486	\$1,996,051
Hawley	Clay	20	51	\$41,865
Hayfield	Dodge	18	35	\$154,200
Hayward	Freeborn	0	0	\$0
Hector	Renville	9	17	\$4,530,000
Henderson	Sibley	4	10	\$13,500
Hendricks	Lincoln	8	8	\$36,001
Hendrum	Norman	7	2	\$0
Henning	Ottertail	13	29	\$950
Herman	Grant	3	0	\$100,000
Hermantown	St. Louis	36	897	\$1,305,000
Heron Lake	Jackson	8	11	\$378,400
Hewitt	Todd	5	23	\$5,000
Hibbing	St. Louis	76	2,626	\$1,187,652
Hidden Valley	Winona	2	29	\$0
Hill City	Aitkin	7	12	\$312,800
Hills	Rock	8	36	\$4,620
Hinckley	Pine	21	40	\$0
Hitterdal	Clay	4	1	\$0
Hoffman	Grant	16	2	\$309,500
Hokah	Houston	5	54	\$2,000

FIRE DEPARTMENTS REPORTING IN 2015

Department	County	Fires	Non-Fires	Dollar Loss
Holdingford	Stearns	6	104	\$0
Holland	Pipestone	2	1	\$0
Hollandale	Freeborn	9	30	\$0
Hopkins	Hennepin	37	1,331	\$114,350
Houston	Houston	4	5	\$1,500
Hovland	Cook	5	26	\$2,000
Howard Lake	Wright	15	108	\$67,502
Hoyt Lakes	St. Louis	3	21	\$2,000
Hugo	Washington	26	441	\$0
Hutchinson	McLeod	52	414	\$234,780
Ideal Township	Crow Wing	7	109	\$0
Industrial	St. Louis	7	32	\$0
International Falls	Koochiching	30	1,572	\$279,020
Inver Grove Heights	Dakota	85	1,111	\$213,875
Iona	Murray	0	0	\$0
Ironton	Crow Wing	1	0	\$0
Isanti	Isanti	43	758	\$584,200
Isle	Mille Lacs	12	30	\$261,175
Itasca Township	Clearwater	0	0	\$0
Ivanhoe	Lincoln	3	0	\$143,600
Jackson	Jackson	9	28	\$3,000
Jacobson	Aitkin	2	9	\$65,500
Janesville	Waseca	13	102	\$0
Jasper	Pipestone	8	14	\$645,000
Jeffers	Cottonwood	3	0	\$0
Jordan	Scott	30	141	\$491,500
Kabetogema	St. Louis	2	0	\$260,000
Kandiyohi	Kandiyohi	11	24	\$5,000
Karlstad	Kittson	16	24	\$0
Kasota	Lesueur	11	92	\$0
Kasson	Dodge	11	333	\$58,000
Keewatin	Itasca	26	59	\$6,800
Kelliher	Beltrami	7	14	\$10,800
Kellogg	Wabasha	8	0	\$0
Kelsey Township	St. Louis	2	1	\$0
Kennedy	Kittson	6	6	\$47,999
Kenneth	Rock	DID NOT REPORT		
Kensington	Douglas	7	41	\$240,000

PARTICIPATION

FIRE DEPARTMENTS REPORTING IN 2015

Department	County	Fires	Non-Fires	Dollar Loss
Kenyon	Goodhue	19	15	\$0
Kerkhoven	Swift	10	13	\$92,000
Kerrick	Pine	10	0	\$7,000
Kettle River	Carlton	10	6	\$47,000
Kiester	Faribault	1	5	\$0
Kilkenny	Lesueur	4	0	\$0
Kimball	Stearns	9	143	\$2,000
Kinney-Great Scott	St. Louis	7	2	\$0
Lacrescent	Houston	15	272	\$45,710
Lafayette	Nicollet	4	13	\$200
Lake Benton	Lincoln	7	6	\$95,000
Lake Bronson	Kittson	11	12	\$6,500
Lake City	Wabasha	12	72	\$38,100
Lake Crystal	Blue Earth	18	37	\$338,750
Lake Elmo	Washington	32	397	\$228,700
Lake George	Hubbard	4	5	\$90,000
Lake Henry	Stearns	4	8	\$460,000
Lake Johanna	Ramsey	54	2,821	\$1,970,400
Lake Lillian	Kandiyohi	10	9	\$14,970
Lake Park	Becker	11	7	\$0
Lake Wilson	Murray	9	2	\$2,500
Lakefield	Jackson	6	13	\$6,000
Lakeland Township	St. Louis	17	32	\$96,000
Lakeport	Hubbard	15	9	\$109,500
Lakeville	Dakota	90	866	\$2,910,350
Lakewood Township	St. Louis	30	124	\$76,000
Lamberton	Redwood	14	3	\$56,300
Lancaster	Kittson	8	3	\$327,001
Lanesboro	Fillmore	0	2	\$0
Lasalle	Watonwan	0	1	\$0
Leaf Valley Township	Douglas	4	4	\$0
Lecenter	Lesueur	12	22	\$210,500
Leroy	Mower	5	23	\$0
Lester Prairie	McLeod	12	146	\$204,200
Lesueur	Lesueur	10	13	\$258,710
Lewiston	Winona	5	45	\$6,000
Lewisville	Watonwan	8	1	\$0
Lexington	Anoka	13	183	\$0

FIRE DEPARTMENTS REPORTING IN 2015

Department	County	Fires	Non-Fires	Dollar Loss
Lindstrom	Chisago	16	46	\$0
Linwood Township	Anoka	8	190	\$15,700
Lismore	Nobles	2	0	\$3,000
Litchfield	Meeker	43	70	\$72,500
Little Canada	Ramsey	61	193	\$429,650
Little Falls	Morrison	51	68	\$767,500
Littlefork	Koochiching	7	4	\$400,250
Loman	Koochiching	2	0	\$0
London Township	Freeborn	2	14	\$1,700
Long Lake	Hennepin	27	386	\$500,200
Long Prairie	Todd	34	73	\$105,100
Longville	Cass	18	16	\$135,000
Lonsdale	Rice	7	2	\$250,000
Loretto	Hennepin	36	176	\$356,000
Louisburg	Lac Qui Parle	DID NOT REPORT		
Lower St. Croix Valley	Washington	30	395	\$17,600
Lowry	Pope	12	4	\$175,500
Lucan	Redwood	DID NOT REPORT		
Lutsen	Cook	2	16	\$0
Luverne	Rock	18	46	\$114,000
Lyle	Mower	6	10	\$8,000
Lynd	Lyon	0	0	\$0
Mabel	Fillmore	11	5	\$144,000
Madelia	Watsonwan	11	13	\$270
Madison	Lac Qui Parle	8	13	\$22,750
Madison Lake	Blue Earth	9	67	\$1,063,000
Magnolia	Rock	3	6	\$4,000
Mahnomen	Mahnomen	18	7	\$4,200
Mahtomedi	Washington	31	900	\$1,353,250
Mahtowa	Carlton	8	36	\$4,000
Makinen	St. Louis	9	1	\$0
Manchester	Freeborn	3	0	\$225,000
Mankato	Blue Earth	103	2,603	\$2,678,350
Mantorville	Dodge	3	93	\$0
Maple Grove	Hennepin	105	772	\$2,456,303
Maple Hill	Cook	2	6	\$2,150
Maple Lake	Wright	24	74	\$447,600
Maple Plain	Hennepin	27	282	\$10,000

PARTICIPATION

FIRE DEPARTMENTS REPORTING IN 2015

Department	County	Fires	Non-Fires	Dollar Loss
Mapleton	Blue Earth	8	164	\$0
Mapleview	Mower	0	0	\$0
Maplewood	Ramsey	105	4,984	\$308,360
Marietta	Lac Qui Parle	5	3	\$0
Marine On St. Croix	Washington	11	74	\$75,000
Marshall	Lyon	29	142	\$172,350
Mayer	Carver	15	84	\$137,100
Maynard	Chippewa	9	21	\$225,050
Mazeppa	Wabasha	9	8	\$211,000
McDavitt	St. Louis	2	7	\$0
McGrath	Aitkin	2	3	\$0
McGregor	Aitkin	30	43	\$206,000
McIntosh	Polk	18	58	\$101,500
McKinley	St. Louis	0	0	\$0
Mdewakanton	Scott	42	1,741	\$412,955
Meadowlands	St. Louis	3	3	\$4,000
Medford	Steele	9	104	\$53,000
Medicine Lake	Hennepin	1	8	\$0
Melrose	Stearns	13	86	\$41,000
Menahga	Wadena	17	22	\$130,000
Mendota Heights	Dakota	15	254	\$155,660
Mentor	Polk	0	6	\$0
Middle River	Marshall	2	0	\$100,000
Miesville	Dakota	14	47	\$31,000
Milaca	Mille Lacs	43	63	\$1,031,000
Milan	Chippewa	2	0	\$0
Millerville	Douglas	5	0	\$5,000
Milroy	Redwood	1	0	\$0
Miltona	Douglas	16	56	\$3,600
Minneapolis	Hennepin	1,275	40,073	\$11,569,945
Minneota	Lyon	12	15	\$383,000
Minnesota City	Winona	1	8	\$0
Minnesota Lake	Faribault	8	28	\$275,000
Minnetonka	Hennepin	68	2,580	\$733,225
Mission Township	Crow Wing	7	104	\$120,000
Montevideo	Chippewa	18	26	\$103,750
Montgomery	Lesueur	13	51	\$36,000
Monticello	Wright	43	215	\$0

FIRE DEPARTMENTS REPORTING IN 2015

Department	County	Fires	Non-Fires	Dollar Loss
Montrose	Wright	24	194	\$354,000
Moorhead	Clay	59	3,235	\$1,098,740
Moose Lake	Carlton	29	419	\$635,000
Mora	Kanabec	45	46	\$640,352
Morgan	Redwood	4	1	\$0
Morris	Stevens	9	50	\$99,500
Morristown	Rice	3	5	\$228,000
Morse Fall Lake	St. Louis	19	38	\$603,200
Morton	Renville	3	2	\$7,500
Motley	Morrison	23	125	\$0
Mound	Hennepin	36	514	\$482,550
Mountain Iron	St. Louis	29	99	\$329,101
Mountain Lake	Cottonwood	13	9	\$77,000
MSP International Airport	Hennepin	34	2,494	\$508,300
Murdock	Swift	6	7	\$90,000
Myrtle	Freeborn	3	4	\$293,700
Nashwauk	Itasca	23	20	\$671,547
Nassau	Lac Qui Parle	0	0	\$0
Nerstrand	Rice	3	2	\$65,000
Nevis	Hubbard	19	5	\$12,000
New Auburn	Sibley	4	19	\$2,000
New Brighton	Ramsey	63	231	\$423,370
New Germany	Carver	5	54	\$350,000
New London	Kandiyohi	23	49	\$31,150
New Market	Scott	21	254	\$145,200
New Munich	Stearns	0	11	\$0
New Prague	Scott	23	102	\$1,172,600
New Richland	Waseca	8	40	\$26,400
New Ulm	Brown	39	92	\$554,450
New York Mills	Ottertail	26	180	\$3,500
Newfolden	Marshall	9	10	\$206,500
Newport	Washington	24	66	\$336,000
Nicollet	Nicollet	11	70	\$273,500
Nielsville	Polk	3	0	\$0
Nisswa	Crow Wing	29	223	\$747,500
Nodine	Winona	4	60	\$0
Normanna Township	St. Louis	12	21	\$500
North Branch	Chisago	32	106	\$297,900

PARTICIPATION

FIRE DEPARTMENTS REPORTING IN 2015

Department	County	Fires	Non-Fires	Dollar Loss
North Mankato	Nicollet	20	85	\$33,500
North St. Paul	Ramsey	24	1,047	\$116,025
North Star	Sherburne	0	9	\$0
Northeast Sherburne	Sherburne	32	191	\$353,600
Northfield	Rice	68	168	\$1,260,000
Northland Township	St. Louis	2	3	\$0
Northome	Koochiching	6	9	\$0
Northrop	Martin	0	0	\$0
Northwest Angle	Lake Of The Woods	0	3	\$0
Norwood-Young America	Carver	33	213	\$98,250
Oak Grove	Anoka	32	108	\$465,870
Oakdale	Washington	61	2,274	\$704,050
Odessa	Big Stone	6	0	\$6,200
Odin	Watonwan	5	19	\$0
Ogema	Becker	0	0	\$0
Ogilvie	Kanabec	20	20	\$321,500
Okabena	Jackson	7	11	\$0
Oklee	Red Lake	21	2	\$119,000
Olivia	Renville	10	11	\$200,000
Onamia	Mille Lacs	25	50	\$485,772
Ormsby	Watonwan	5	14	\$7,000
Oronoco	Olmsted	0	4	\$0
Orr	St. Louis	9	13	\$89,500
Ortonville	Big Stone	3	8	\$0
Osakis	Douglas	19	22	\$625,600
Oslo	Marshall	18	16	\$250,000
Osseo	Hennepin	7	251	\$0
Ostrander	Fillmore	0	4	\$0
Ottertail	Ottertail	2	1	\$1,115,000
Owatonna	Steele	60	384	\$1,245,410
Palisade	Aitkin	8	35	\$0
Palo Township	St. Louis	7	73	\$0
Park Rapids	Hubbard	43	42	\$857,876
Parkers Prairie	Ottertail	12	6	\$0
Paynesville	Stearns	21	80	\$166,500
Pelican Rapids	Ottertail	19	35	\$81,300
Pemberton	Blue Earth	4	17	\$0
Pennock	Kandiyohi	3	3	\$0

FIRE DEPARTMENTS REPORTING IN 2015

Department	County	Fires	Non-Fires	Dollar Loss
Pequawaywan Lake	St. Louis	2	3	\$5,000
Pequot Lakes	Crow Wing	26	40	\$964,900
Perham	Ottertail	39	105	\$193,860
Perley-Lee Township	Norman	0	2	\$0
Pickwick Area	Winona	3	45	\$11,300
Pierz	Morrison	26	33	\$211,450
Pike-Sandy-Britt	St. Louis	18	88	\$536,600
Pillager	Cass	13	266	\$373,350
Pine City	Pine	52	115	\$471,750
Pine Island	Goodhue	25	315	\$0
Pine River	Cass	25	25	\$59,500
Pipestone	Pipestone	14	55	\$132,250
Plainview	Wabasha	11	28	\$25,000
Plato	McLeod	11	39	\$0
Plummer	Red Lake	14	20	\$70,500
Plymouth	Hennepin	184	1,296	\$957,577
Porter	Yellow Medicine	11	17	\$1,500
Preston	Fillmore	10	13	\$0
Princeton	Mille Lacs	48	239	\$904,100
Prinsburg	Kandiyohi	5	3	\$1,000
Prior Lake	Scott	51	403	\$1,033,301
Proctor	St. Louis	29	362	\$174,100
Ramsey	Anoka	45	404	\$51,300
Randall	Morrison	15	85	\$0
Randolph-Hampton	Dakota	12	158	\$277,250
Range Regional Airport-Arff	St. Louis	0	0	\$0
Raymond	Kandiyohi	4	2	\$10,000
Red Lake Falls	Red Lake	8	3	\$11,500
Red Lake-Bureau Ind. Affairs	Beltrami	0	0	\$0
Red Wing	Goodhue	34	669	\$752,675
Redwood Falls	Redwood	16	36	\$166,270
Remer	Cass	9	20	\$55,500
Renville	Renville	14	8	\$0
Rice	Benton	16	164	\$4,500
Rice Lake Township	St. Louis	29	184	\$402,000
Richfield	Hennepin	86	4,043	\$218,636
Richmond	Stearns	6	78	\$17,000
Ridgeway Community	Winona	6	8	\$0

PARTICIPATION

FIRE DEPARTMENTS REPORTING IN 2015

Department	County	Fires	Non-Fires	Dollar Loss
Robbinsdale	Hennepin	55	274	\$365,000
Rochester Airport	Olmsted	0	10	\$0
Rochester	Olmsted	237	9,521	\$472,250
Rockford	Wright	18	266	\$633,000
Rockville	Stearns	15	71	\$115,550
Rogers	Hennepin	38	398	\$3,811,510
Rollingstone	Winona	2	5	\$6,500
Rose Creek	Mower	8	5	\$0
Roseau	Roseau	28	37	\$337,500
Rosemount	Dakota	27	666	\$735,075
Roseville	Ramsey	95	4,493	\$3,640,517
Rothsay	Wilkin	9	49	\$0
Round Lake	Nobles	8	0	\$6,500
Royalton	Morrison	10	10	\$43,500
Rush City	Chisago	29	50	\$989,200
Rushford	Fillmore	13	29	\$1,140,100
Rushmore	Nobles	3	23	\$603,500
Russell	Lyon	5	7	\$0
Ruthton	Pipestone	4	4	\$0
Sabin-Elmwood	Clay	24	23	\$941,000
Sacred Heart	Renville	5	3	\$160,000
Sanborn	Redwood	2	1	\$0
Sandstone	Pine	25	59	\$116,250
Sartell/Lesauk	Stearns	33	130	\$107,802
Sauk Centre	Stearns	26	53	\$0
Sauk Rapids	Benton	52	142	\$1,468,690
Savage	Scott	46	302	\$1,613,700
SBM	Anoka	154	1,152	\$2,620,805
Scandia	Washington	14	203	\$105,000
Scandia Valley	Morrison	10	14	\$19,300
Schroeder	Cook	DID NOT REPORT		
Seaforth	Redwood	2	0	\$0
Sebeka	Wadena	25	8	\$568,100
Sedan	Pope	0	0	\$0
Shafer-Franconia	Chisago	6	96	\$90,000
Shakopee	Scott	84	639	\$3,473,390
Shelly	Norman	2	2	\$45,000
Sherburn	Martin	12	15	\$175,500

FIRE DEPARTMENTS REPORTING IN 2015

Department	County	Fires	Non-Fires	Dollar Loss
Shevlin	Clearwater	9	4	\$70,500
Silica Area	St. Louis	5	2	\$0
Silver Bay	Lake	8	51	\$41,500
Silver Lake	McLeod	12	126	\$103,500
Slayton	Murray	12	7	\$114,828
Sleepy Eye	Brown	21	15	\$339,000
Solway	Beltrami	17	10	\$78,250
Solway Township	St. Louis	21	107	\$143,000
South Bend	Blue Earth	8	36	\$135,000
South Haven	Wright	7	71	\$363,000
South Metro	Dakota	120	5,688	\$483,500
Spicer	Kandiyohi	7	33	\$0
Spring Grove	Houston	4	9	\$35,000
Spring Valley	Fillmore	9	44	\$47,500
Springfield	Brown	16	16	\$1,610,995
Squaw Lake	Itasca	6	79	\$0
St. Anthony	Hennepin	26	1,399	\$252,059
St. Augusta	Stearns	14	86	\$21,000
St. Bonifacius	Hennepin	8	138	\$105,500
St. Charles	Winona	4	29	\$5,050
St. Clair	Blue Earth	7	91	\$129,000
St. Cloud	Stearns	225	5,810	\$783,306
St. Francis	Anoka	17	136	\$441,000
St. Hillaire	Pennington	13	30	\$20,000
St. James	Watonwan	23	34	\$356,375
St. John's University	Stearns	4	272	\$0
St. Joseph	Stearns	21	322	\$586,400
St. Leo	Yellow Medicine	1	0	\$0
St. Louis Park	Hennepin	149	4,949	\$2,007,725
St. Martin	Stearns	4	22	\$50,000
St. Michael	Wright	27	258	\$987,500
St. Paul	Ramsey	1,314	16,637	\$13,990,404
St. Paul Park	Washington	28	53	\$311,000
St. Peter	Nicollet	16	41	\$79,700
St. Stephen	Stearns	13	80	\$51,100
Stacy	Chisago	17	57	\$275,500
Staples	Todd	21	35	\$2,441,000
Starbuck	Pope	16	18	\$137,500

PARTICIPATION

FIRE DEPARTMENTS REPORTING IN 2015

Department	County	Fires	Non-Fires	Dollar Loss
Stephen	Marshall	6	13	\$130,500
Stewart	McLeod	12	12	\$839,112
Stewartville	Olmsted	2	319	\$2,000
Stillwater	Washington	64	1,774	\$871,586
Storden	Cottonwood	8	0	\$95,300
Sturgeon Lake	Pine	8	26	\$2,100
Sunburg	Kandiyohi	5	12	\$11,000
Swanville	Morrison	4	0	\$550,000
Taconite	Itasca	6	20	\$24,200
Taunton	Lyon	5	3	\$0
Taylor's Falls	Chisago	8	25	\$6,000
Thief River Falls	Pennington	50	144	\$299,801
Thomson Township/Esko	Carlton	20	205	\$37,500
Tintah	Traverse	2	1	\$178,000
Tofte	Cook	1	0	\$0
Toivola Township	St. Louis	5	18	\$500
Tower	St. Louis	6	34	\$0
Tracy	Lyon	16	30	\$232,000
Trimont	Martin	4	2	\$81,500
Trout Lake	Itasca	25	228	\$203,100
Truman	Martin	10	5	\$313,500
Twin Lakes	Freeborn	0	0	\$0
Twin Lakes Volunteer	Mahnomen	3	0	\$89,500
Twin Valley	Norman	14	14	\$112,700
Two Harbors	Lake	30	92	\$777,400
Tyler	Lincoln	7	2	\$0
Ulen	Clay	14	1	\$10,000
Underwood	Ottertail	19	73	\$500
Upsala	Morrison	6	9	\$15,000
USS Emergency Services	St. Louis	9	135	\$2,751
Vadnais Heights	Ramsey	37	873	\$534,874
Vergas	Ottertail	24	20	\$32,000
Vermillion Lake	St. Louis	2	25	\$0
Verndale	Wadena	22	74	\$0
Vernon Center	Blue Earth	3	35	\$0
Vesta	Redwood	2	4	\$3,200
Victoria	Carver	19	229	\$229,420
Viking	Marshall	4	0	\$5,000

FIRE DEPARTMENTS REPORTING IN 2015

Department	County	Fires	Non-Fires	Dollar Loss
Villard	Pope	4	0	\$0
Vining	Ottertail	3	0	\$0
Virginia	St. Louis	53	3,376	\$656,175
Wabasha	Wabasha	8	41	\$38,000
Wabasso	Redwood	8	7	\$120,000
Waconia	Carver	18	352	\$5,000
Wadena	Wadena	23	32	\$357,250
Waite Park	Stearns	33	110	\$500,000
Waldorf	Waseca	4	20	\$58,450
Walker	Cass	15	4	\$363,100
Walnut Grove	Redwood	8	3	\$60,000
Walters	Faribault	2	5	\$0
Wanamingo	Goodhue	11	6	\$303,000
Wanda	Redwood	2	1	\$65,000
Warba -Feeley-Sago	Itasca	7	52	\$2,000
Warren	Marshall	14	26	\$244,050
Warroad	Roseau	16	36	\$186,000
Waseca	Waseca	33	603	\$211,010
Watertown	Carver	24	222	\$267,300
Waterville	Lesueur	7	127	\$96,600
Watkins	Meeker	8	10	\$307,500
Watson	Chippewa	2	0	\$0
Waubun	Mahnomen	8	7	\$27,200
Waverly	Wright	9	123	\$496,500
Wayzata	Hennepin	26	259	\$50,940
Welcome	Martin	2	0	\$0
Wells	Faribault	11	21	\$860,000
Wendell	Grant	9	23	\$252,500
West Concord	Dodge	6	7	\$2,000
West Metro	Hennepin	102	1,412	\$657,417
Westbrook	Cottonwood	4	7	\$0
Wheaton	Traverse	15	15	\$3,000
White Bear Lake	Ramsey	73	523	\$728,175
White Earth	Becker	4	0	\$112,500
Williams	Lake Of The Woods	9	2	\$9,500
Willmar	Kandiyohi	68	265	\$464,550
Willow River	Pine	15	110	\$0
Wilmont	Nobles	2	0	\$250

PARTICIPATION

FIRE DEPARTMENTS REPORTING IN 2015

Department	County	Fires	Non-Fires	Dollar Loss
Wilson Township	Winona	6	3	\$20,500
Windom	Cottonwood	20	25	\$8
Winger	Polk	1	0	\$0
Winnebago	Faribault	11	20	\$280,383
Winona	Winona	62	2,155	\$1,155,410
Winsted	McLeod	18	275	\$7,500
Winthrop	Sibley	5	17	\$6,000
Wolf Lake	Becker	19	7	\$87,000
Wood Lake	Yellow Medicine	1	0	\$5,000
Woodbury	Washington	52	3,950	\$6,082,735
Woodstock	Pipestone	3	6	\$0
Worthington	Nobles	27	66	\$432,300
Wrenshall	Carlton	18	75	\$15,000
Wykoff	Fillmore	7	4	\$151,600
Wyoming	Chisago	27	278	\$24,950
Zimmerman-Livonia	Sherburne	33	153	\$0
Zumbro Falls	Wabasha	7	90	\$70,150
Zumbrota	Goodhue	16	28	\$171,000
Total		17,079	258,882	\$223,593,920

Thank you
to the Minnesota fire departments that
provided data in 2015 and to those that
provided photos for this report.







Minnesota Department of Public Safety
State Fire Marshal Division
sfm.dps.mn.gov

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