

2012

Fire in Minnesota Annual Report



MINNESOTA DEPARTMENT OF PUBLIC SAFETY



STATE FIRE MARSHAL DIVISION
Jerry Rosendahl
State Fire Marshal



MINNESOTA DEPARTMENT OF PUBLIC SAFETY



Alcohol
and Gambling
Enforcement

Bureau of Criminal
Apprehension

Driver and Vehicle
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Emergency
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Minnesota
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State Fire Marshal

Office of the Commissioner

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Governor Dayton:

The State Fire Marshal Division of the Department of Public Safety is pleased to present for your review this 24th edition of our annual report, *Fire in Minnesota 2012*. The data contained here allow us to analyze fire causes and determine, based on our findings, the best methods of public education and code enforcement to improve fire-and-life safety in our state.

2012 was the fourth year in which Minnesota fire departments were able to report fire data online using software purchased by the State Fire Marshal Division in 2008. The online reporting system has been well received by fire departments. In 2012, 99 percent of Minnesota fire departments reported, with 100 percent of departments in 81 counties providing data.

Here are a few significant highlights from *Fire in Minnesota 2012*:

- One fire was reported, on average, every 32 minutes.
- In an average 24-hour period, three arson fires were reported.
- Dollar-loss to fires averaged \$556 per minute around the clock.
- 68 “sprinkler saves,” where automatic fire sprinkler systems extinguished structure fires, minimized property loss and potentially saved lives.
- Unattended cooking remained the primary cause of structure fires at 46 percent, with heating and open flames in second and third place. This remains consistent with previous years’ statistics.
- Fires in houses, apartments and other residences continue to be most common; ironically, the places where people feel safest are the most likely sites of fire loss and deaths.
- 50 people died in Minnesota fires in 2012; that’s a decrease of 11 percent from 2011 and exactly 50 deaths too many. In 28 percent of these incidents, smoke alarms were either not present or not working.
- 2012 was the year of the Verso Paper Mill fire in Sartell, located just north of St. Cloud. That devastating fire took one life, injured five people, took eight days to extinguish, and eliminated the jobs of about 260 people in a town of 16,000.

The Department of Public Safety remains committed to fighting fires with facts, and by doing so, protecting Minnesotans’ lives and property. It is to that end that this report is compiled annually by the dedicated members of the State Fire Marshal Division.

Respectfully,

Ramona Dohman, Commissioner
Minnesota Department of Public Safety

STATE FIRE MARSHAL DIVISION MISSION STATEMENT

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.

From the desk of State Fire Marshal Jerry Rosendahl

Welcome to our 24th annual report on fire in Minnesota. Thanks to the 777 fire departments that responded to our request for data in 2012 (a new record-high 99% participation), we were able to analyze nearly 250,000 incidents for this report. The seven departments that didn't report in 2012 are listed on page 53. We hope to bring them online in 2013 and achieve 100% participation.



This annual report is used by local fire departments to compare their incident data with that of other departments. The media uses the online version when they need statistics for news reports. The State Legislature consults this report when they review potential or existing laws, and our State Fire Marshal Division staff uses it to design programs that help citizens and firefighters.

In 2012, numbers of fires increased by 12% and non-fire responses went up 3% over 2011. Dollar loss from fires increased 92% to nearly \$300 million, in part because of the Verso Paper Mill fire in Sartell. Our 1,328 arson fires accounted for \$11 million of that — an 18% increase over 2011. And the leading cause of structure fires was (once again) unattended cooking, which remains a problem despite the emphasis it receives in our fire prevention efforts. We do know that smoke alarms and sprinkler systems save lives, and you'll find in this report highlights on smoke alarm performance and the year's 68 documented sprinkler saves.

While we're happy to report no firefighter LOD deaths in 2012, there were 50 civilian fatalities last year — an 11% decrease from 2011. Over 70% of these deaths took place in residential occupancies; 28 of the victims were over 60 years of age. Careless smoking was (once again) the leading cause of fire deaths. Any life lost to fire is one too many, but Minnesota does have the 10th-lowest per-capita number of fire deaths in the United States. We need to work harder to get that number down to the lowest in the nation.

This is the tenth and final *Fire in Minnesota* report to be issued during my service as Minnesota State Fire Marshal. In 2003, the year I was appointed, 715 fire departments reported a total of 180,000 fire incidents. There were 46 civilian fire deaths that year, 78% of them occurring in residential occupancies. Cooking was the leading cause of structure fires and careless smoking caused the majority of fire deaths. As you can see, some things have changed and others have not. You'll find more historical trends on the State Fire Marshal website in *Fire in Minnesota* reports from 1998 through 2012.

The fight against fire is everybody's fight. Thanks for everything you do as a firefighter, a government official or a private citizen to prevent the next fire from happening.

A handwritten signature of Jerry Rosendahl in black ink.

Jerry Rosendahl
Minnesota State Fire Marshal

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2012 FIRE STATISTICS



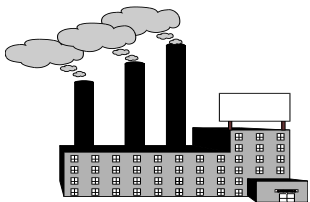
4,857 RESIDENTIAL

(Single family dwellings, apartments, mobile homes, hotels, motels)



496 PUBLIC AND MERCANTILE

(Stores, restaurants, institutions, churches, public facilities, education)



**1,076 INDUSTRIAL, MANUFACTURING,
AND OTHER BUILDINGS**

(Basic industry, manufacturing, storage, residential garages, vacant buildings, unknown)



2,609 MOBILE PROPERTY

(Automobiles, trucks, trains, buses, boats)



7,543 OUTSIDE AND OTHER

(Dumpsters, trash, wildland, grass, trees)

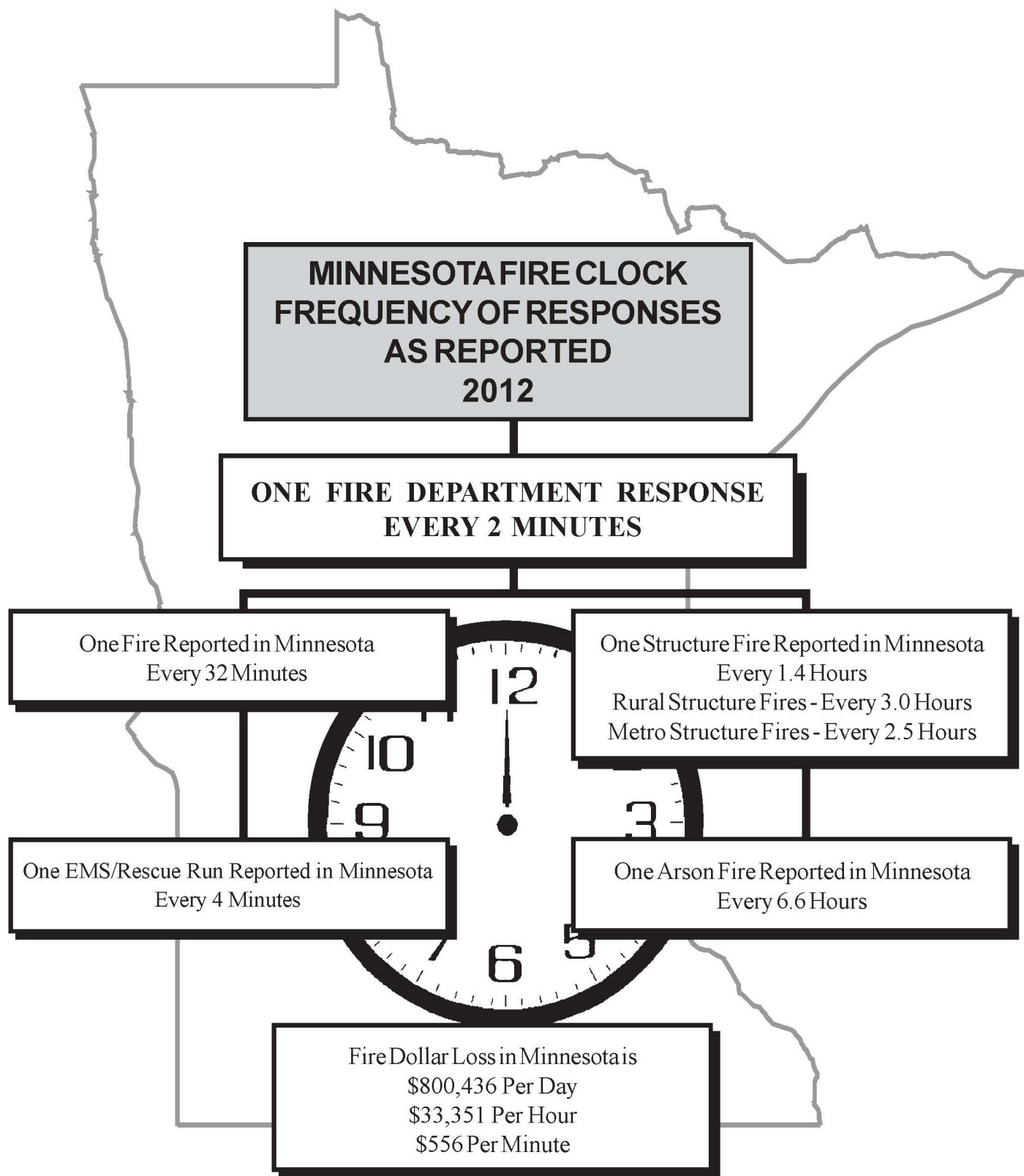
16,581 TOTAL FIRES

\$292,159,086 TOTAL DOLLAR LOSS

TOTAL IMPACT



Photo by Mark Germain



These figures represent the collective incidents reported by 777 of Minnesota's 785 fire departments.

99% of the state's fire departments reported through the MFIRS program.

OVERALL STATE TOTALS

In 2012, 777 of the state's 785 fire departments (99% of all Minnesota's fire departments) reported through the Minnesota Fire Incident Reporting System (MFIRS) which collects information on fire incidents and related activities. See the section titled "Participation," page for a breakdown of reporting and non-reporting departments.

2012 REPORTED FIRE DEPARTMENT RESPONSES

| Incidents Reported | Seven County Metro Area | % State Total | Balance of State | % State Total | State Total |
|--|-------------------------|---------------|----------------------|---------------|----------------------|
| Structure Fires | 3,528 | 55% | 2,901 | 45% | 6,429 |
| Vehicle Fires | 1,195 | 46% | 1,414 | 54% | 2,609 |
| Other Fires | <u>2,697</u> | <u>36%</u> | <u>4,846</u> | <u>64%</u> | <u>7,543</u> |
| TOTAL FIRES | 7,420 | 45% | 9,161 | 55% | 16,581 |
| RESCUE/EMS CALLS | 99,221 | 67% | 47,823 | 33% | 147,044 |
| FALSE CALLS | 17,368 | 70% | 7,259 | 30% | 24,627 |
| MUTUAL AID GIVEN | 2,439 | 40% | 3,589 | 60% | 6,028 |
| OTHER INCIDENTS | <u>33,808</u> | <u>68%</u> | <u>16,634</u> | <u>32%</u> | <u>50,442</u> |
| TOTAL CALLS | 160,256 | 65% | 84,466 | 35% | 244,722 |
| Estimated Dollar Loss Due to Fire | \$94,063,337 | 32% | \$198,095,749 | 68% | \$292,159,086 |

The total number of fire incidents reported by participating Minnesota fire departments in 2012 was 16,581, which represents a 12% increase from 2011. The number of responses by the fire service increased by 3% in 2012 to 244,722.

Total dollar loss increased by over \$140 million from 2011.

Total dollar loss increased by over 140 million (92%) from 2011. The types of calls that increased in 2012 were other fires, rescue/EMS calls, and mutual aid calls.

FIVE-YEAR OVERALL INCIDENT COMPARISONS 2008-2012

| | | | | | | 11/12 Change | 11/12 % Change |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| | <u>2008</u> | <u>2009</u> | <u>2010</u> | <u>2011</u> | <u>2012</u> | <u>+ (-)</u> | <u>+ (-)</u> |
| FIRES | | | | | | | |
| Structure | 7,106 | 6,580 | 6,332 | 6,530 | 6,429 | (101) | (2%) |
| Vehicle | 2,832 | 2,676 | 2,884 | 2,708 | 2,609 | (99) | (4%) |
| Other Fires | <u>5,028</u> | <u>6,191</u> | <u>5,345</u> | <u>5,576</u> | <u>7,543</u> | <u>1,967</u> | <u>35%</u> |
| TOTAL FIRES | 14,966 | 15,447 | 14,561 | 14,814 | 16,581 | 1,767 | 12% |
| OVERPRESSURE RUPTURES | 631 | 541 | 491 | 457 | 435 | (22) | (5%) |
| RESCUE/EMS CALLS | 125,238 | 124,511 | 130,798 | 138,635 | 147,044 | 8,409 | 6% |
| HAZARDOUS CONDITION CALLS | 11,227 | 10,143 | 12,925 | 11,653 | 10,918 | (735) | (6%) |
| SERVICE CALLS | 13,434 | 13,793 | 14,786 | 15,216 | 14,422 | (794) | (5%) |
| GOOD INTENT CALLS | 20,225 | 20,793 | 21,872 | 22,703 | 22,552 | (151) | (1%) |
| FALSE CALLS | | | | | | | |
| Malicious | 1,666 | 1,437 | 1,017 | 1,385 | 1,366 | (19) | (1%) |
| Other False | <u>23,960</u> | <u>23,077</u> | <u>24,775</u> | <u>24,614</u> | <u>23,261</u> | <u>(1,353)</u> | <u>(5%)</u> |
| TOTAL FALSE CALLS | 25,626 | 24,514 | 25,792 | 25,999 | 24,627 | (1,372) | (5%) |
| MUTUAL AID GIVEN | 5,986 | 6,370 | 5,873 | 5,204 | 6,028 | 824 | 16% |
| ALL OTHER | 1,198 | 832 | 1,952 | 2,518 | 2,115 | (403) | (16%) |
| TOTAL CALLS | 218,531 | 216,944 | 229,050 | 237,199 | 244,722 | 7,523 | 3% |
| TOTAL DOLLAR LOSS | \$216.4M | \$208.7M | \$152.2M | \$152.0M | \$292.2M | \$140.2 | 92% |

For each of the last five years, residential structure fires have occurred at the rate of one for every 1,061 Minnesotans.

STRUCTURE FIRES BY PROPERTY TYPE

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 5,009 fires have occurred in residential structures. These figures indicate that each year, one residential structure fire occurs for every 1,061 Minnesota residents.

| Structure Fires by Property Type 2008-2012 | | | | | | |
|---|--------------|--------------|--------------|--------------|--------------|--|
| | <u>2008</u> | <u>2009</u> | <u>2010</u> | <u>2011</u> | <u>2012</u> | % Increase (Decrease) <u>2011-2012</u> |
| Residential | 5,330 | 4,994 | 4,825 | 5,039 | 4,857 | (4%) |
| Educational/ Institutional | 193 | 175 | 167 | 185 | 147 | (21%) |
| Public Assembly/ Commercial | 418 | 387 | 336 | 301 | 349 | 16% |
| Industrial/ Manufacturing | 288 | 217 | 234 | 220 | 231 | 5% |
| Storage | 670 | 572 | 554 | 553 | 556 | (1%) |
| Special/Other | 168 | 195 | 162 | 173 | 228 | 32% |
| Unclassified | 39 | 40 | 54 | 59 | 61 | 3% |
| TOTAL | 7,106 | 6,580 | 6,332 | 6,530 | 6,429 | (2%) |

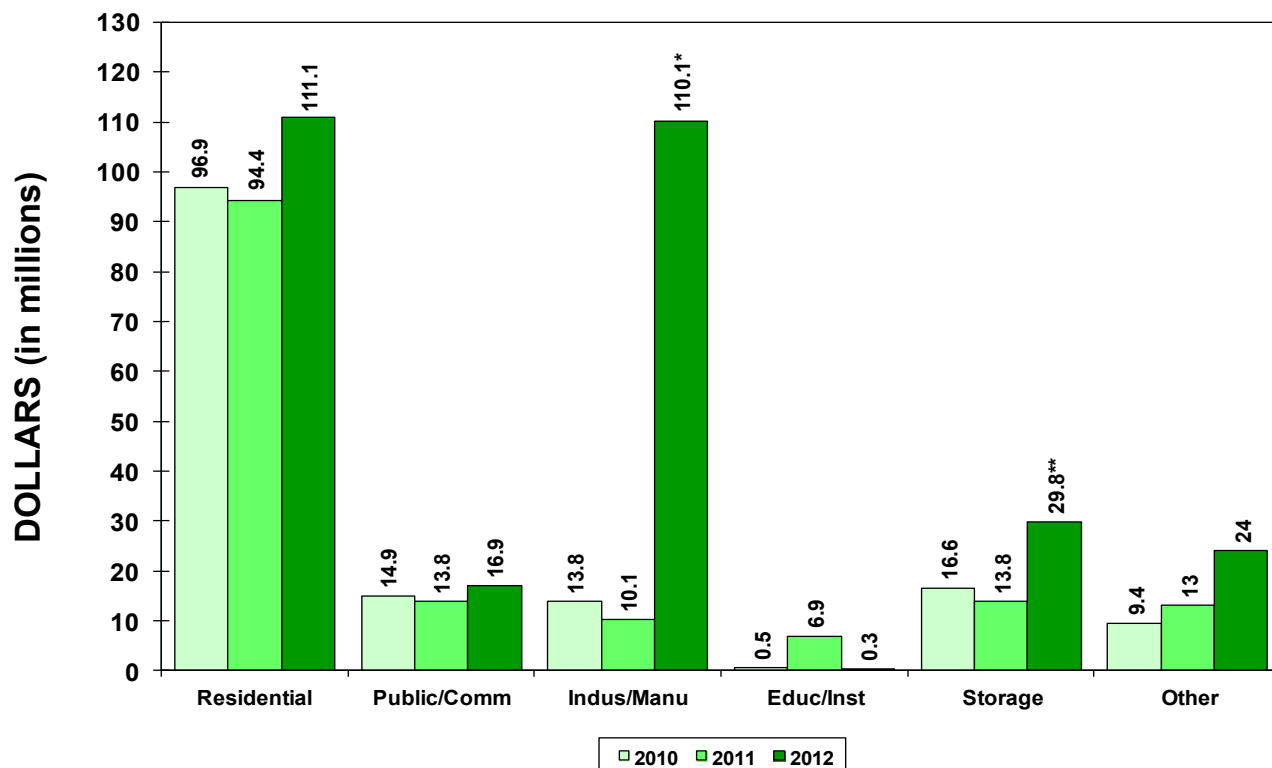
2012 RESIDENTIAL STRUCTURE FIRES

| Type of Residence | No. of Fires | Dollar Loss | Civilian Injuries | Civilian Deaths |
|-------------------------------|--------------|--------------|-------------------|-----------------|
| One-Two Family Dwelling | 2,874 | \$82,678,743 | 87 | 23 |
| Multi-Family Dwelling | 1,764 | \$21,790,847 | 52 | 4 |
| Dormitory/Sorority/Fraternity | 35 | \$14,150 | 0 | 0 |
| Hotel/Motel | 24 | \$1,033,500 | 1 | 2 |
| Residential Board & Care | 35 | \$513,300 | 4 | 0 |
| Boarding/Rooming House | 22 | \$193,101 | 0 | 0 |
| Barracks/Dormitory | 14 | \$5,020 | 0 | 0 |
| Residential, Other | 89 | \$1,936,144 | 2 | 0 |

Average dollar loss per structure fire was over \$41,000.

OVERALL STATEWIDE DOLLAR LOSS

Dollar Loss By Property Type



*Includes one \$78 million manufacturing plant fire (see page 28) and one \$14 million manufacturing plant fire.

**Includes one \$10 million warehouse fire.

Residential fires accounted for 38% of total dollar loss and represented 76% of all structure fires in 2012.

The 2012 dollar loss in residential property increased by \$16.7 million from 2011 while total dollar loss increased over 92%. Residential fires accounted for 76% of all structure fires and 38% of total dollar loss.

The average dollar loss per structure fire in 2012 was over \$41,000 per incident. The average dollar loss per residential structure fire was almost \$23,000 per incident.

SPRINKLER SAVES

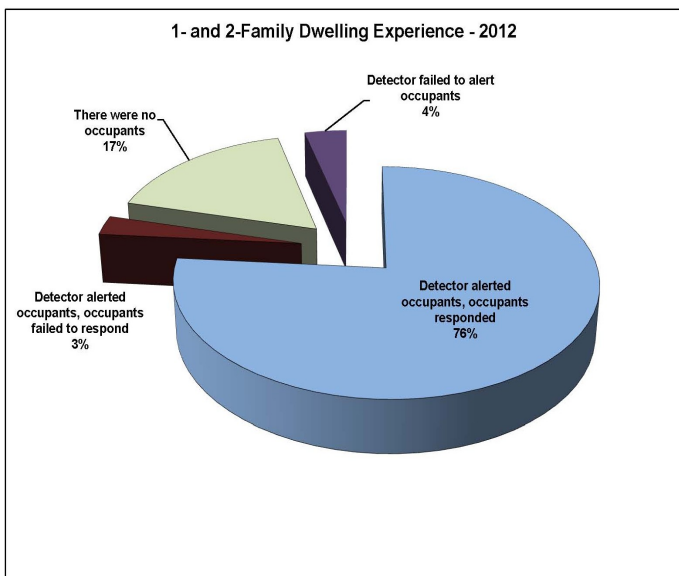
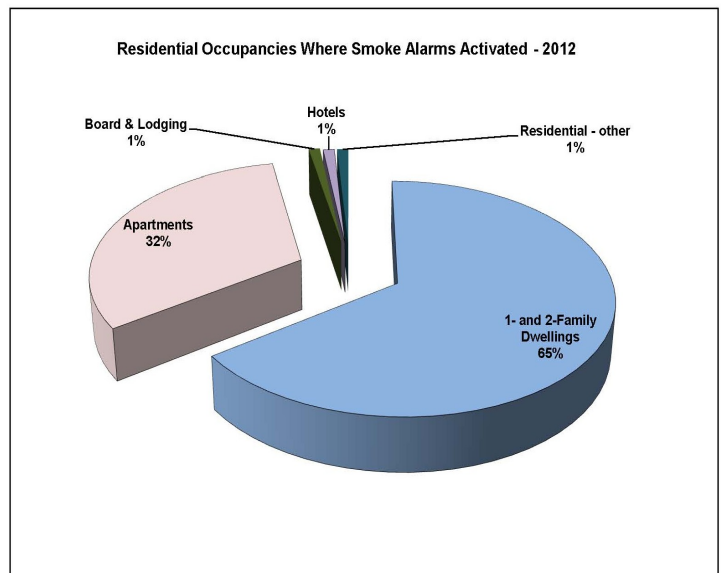
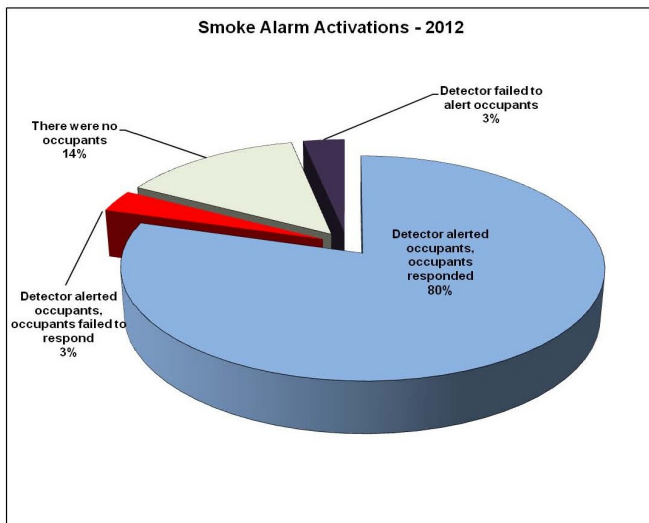
In 2012, there were 68 sprinkler “saves” in Minnesota. This means that every month in Minnesota, there were five-to-six fires extinguished by automatic fire sprinkler systems. These sprinkler activations saved 68 buildings from devastation by fire, minimized property loss, greatly reduced business interruption, and potentially saved lives.

| <u>Incident Date</u> | <u>Time</u> | <u>City</u> | <u>Property Use</u> |
|----------------------|-------------|-----------------|---|
| 1/1/2012 | 9:02 a.m. | MAPLE GROVE | Manufacturing, processing |
| 1/2/2012 | 11:44 p.m. | MINNETONKA | Laboratory or science laboratory |
| 1/27/2012 | 12:19 p.m. | NEW BRIGHTON | Manufacturing, processing |
| 1/31/2012 | 6:05 p.m. | OWATONNA | Multifamily dwelling |
| 2/7/2012 | 6:45 p.m. | DULUTH | Assembly, other |
| 2/10/2012 | 10:47 p.m. | MINNEAPOLIS | Multifamily dwelling |
| 2/14/2012 | 9:38 p.m. | LITCHFIELD | Manufacturing, processing |
| 2/22/2012 | 4:32 p.m. | APPLE VALLEY | Multifamily dwelling |
| 2/22/2012 | 6:20 p.m. | ARDEN HILLS | Mercantile, business, other |
| 2/29/2012 | 7:28 p.m. | MINNETONKA | Multifamily dwelling |
| 3/1/2012 | 3:39 p.m. | MINNEAPOLIS | Hospital - medical or psychiatric |
| 3/5/2012 | 9:25 p.m. | BLOOMINGTON | Restaurant or cafeteria |
| 3/28/2012 | 10:00 p.m. | DULUTH | Manufacturing, processing |
| 4/1/2012 | 2:31 a.m. | DULUTH | Multifamily dwelling |
| 4/12/2012 | 4:10 p.m. | DULUTH | Multifamily dwelling |
| 4/15/2012 | 8:46 a.m. | RED WING | Manufacturing, processing |
| 4/19/2012 | 3:26 p.m. | ROCHESTER | Multifamily dwelling |
| 4/27/2012 | 9:50 a.m. | FAIRMONT | Schools, non-adult, other |
| 4/29/2012 | 10:53 p.m. | ST. CLOUD | Residential board and care |
| 5/3/2012 | 7:49 p.m. | EAGAN | Manufacturing, processing |
| 5/4/2012 | 12:40 a.m. | ST. LOUIS PARK | Multifamily dwelling |
| 5/9/2012 | 6:24 p.m. | MAPLE GROVE | Restaurant or cafeteria |
| 5/11/2012 | 2:38 a.m. | MAPLE GROVE | Restaurant or cafeteria |
| 5/18/2012 | 3:47 p.m. | FRIDLEY | Multifamily dwelling |
| 5/28/2012 | 3:38 a.m. | ISANTI | Church, mosque, synagogue, temple, chapel |
| 5/30/2012 | 8:36 p.m. | ST. CLOUD | Manufacturing, processing |
| 6/5/2012 | 5:06 p.m. | MINNEAPOLIS | Multifamily dwelling |
| 6/9/2012 | 3:55 a.m. | MAHNOMEN | Multifamily dwelling |
| 6/29/2012 | 5:17 p.m. | SOLWAY | Manufacturing, processing |
| 7/8/2012 | 1:08 p.m. | CHASKA | Warehouse |
| 7/9/2012 | 3:15 a.m. | BROOKLYN PARK | Residential board and care |
| 7/10/2012 | 3:50 a.m. | MENDOTA HEIGHTS | General retail, other |
| 7/13/2012 | 5:19 p.m. | ST. PAUL | Multifamily dwelling |
| 7/15/2012 | 12:16 p.m. | ST. CLOUD | Hotel/motel, commercial |
| 7/30/2012 | 1:03 a.m. | SHOREVIEW | Eating, drinking places, other |
| 8/10/2012 | 1:27 a.m. | WHITE BEAR LAKE | 1- and 2-family dwelling |
| 8/12/2012 | 12:34 a.m. | SOUTH ST. PAUL | Manufacturing, processing |
| 8/17/2012 | 5:42 p.m. | BLOOMINGTON | Day care, in commercial property |
| 8/18/2012 | 11:31 a.m. | FOLEY | Manufacturing, processing |
| 8/25/2012 | 8:12 p.m. | ST. CLOUD | Laundry, dry cleaning |
| 8/30/2012 | 1:01 a.m. | MINNEAPOLIS | Multifamily dwelling |

Sprinkler Saves, Cont.

| <u>Incident Date</u> | <u>Time</u> | <u>City</u> | <u>Property Use</u> |
|-----------------------------|--------------------|---------------------|--|
| 9/1/2012 | 1:10 p.m. | WASECA | Manufacturing, processing |
| 9/2/2012 | 5:26 p.m. | MINNEAPOLIS | Restaurant or cafeteria |
| 9/3/2012 | 3:58 a.m. | BUFFALO LAKE | Manufacturing, processing |
| 9/4/2012 | 1:39 p.m. | COON RAPIDS | Multifamily dwelling |
| 9/4/2012 | 11:48 p.m. | MAPLE GROVE | Manufacturing, processing |
| 9/10/2012 | 8:55 a.m. | BRAINERD | Manufacturing, processing |
| 9/11/2012 | 9:58 p.m. | TWO HARBORS | Manufacturing, processing |
| 9/24/2012 | 9:32 p.m. | MOORHEAD | Professional supplies, services |
| 10/8/2012 | 1:50 p.m. | LONG LAKE | Laundry, dry cleaning |
| 10/16/2012 | 11:51 p.m. | MINNEAPOLIS | Boarding/rooming house, residential hotels |
| 10/17/2012 | 1:45 a.m. | ST. CLOUD | Multifamily dwelling |
| 10/18/2012 | 12:15 a.m. | ST. PAUL | 1- and 2-family dwelling |
| 10/21/2012 | 12:02 p.m. | BURNSVILLE | General retail, other |
| 10/26/2012 | 6:35 p.m. | NORTH ST. PAUL | Church, mosque, synagogue, temple, chapel |
| 11/5/2012 | 4:37 a.m. | GOODVIEW | Manufacturing, processing |
| 11/9/2012 | 3:07 a.m. | SHAKOPEE | Specialty shop |
| 11/12/2012 | 10:47 a.m. | HALLOCK | Grain elevator, silo |
| 11/21/2012 | 4:56 p.m. | HAM LAKE | Hotel/motel, commercial |
| 11/29/2012 | 12:32 a.m. | WHITE BEAR LAKE | Multifamily dwelling |
| 11/30/2012 | 8:33 p.m. | EDINA | Food and beverage sales, grocery store |
| 12/6/2012 | 6:24 p.m. | ST. PAUL | 1- and 2-family dwelling |
| 12/10/2012 | 6:41 p.m. | EAGAN | Manufacturing, processing |
| 12/12/2012 | 9:40 p.m. | BURNSVILLE | Multifamily dwelling |
| 12/16/2012 | 4:44 p.m. | MINNEAPOLIS | Multifamily dwelling |
| 12/19/2012 | 10:56 p.m. | NORWOOD YOUNG AMER. | Manufacturing, processing |
| 12/22/2012 | 3:05 p.m. | MAPLE GROVE | Multifamily dwelling |
| 12/25/2012 | 7:13 p.m. | APPLE VALLEY | Multifamily dwelling |

SMOKE ALARM ACTIVATION



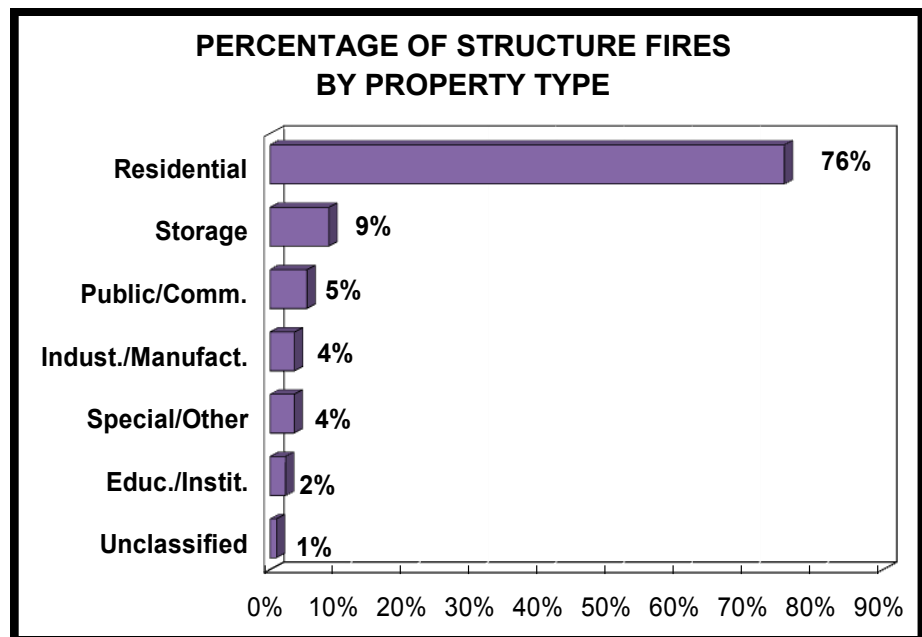
*In the past 24 years,
residential dollar loss
totaled nearly **\$1.9
billion** dollars.*

SUMMARY

A slight increase in reporting by Minnesota fire departments brought the total number reporting to 777 (99%) of 785 departments. Also, the total number of calls increased 3% from 2011. Dollar loss was over \$292 million.

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

Residential fires accounted for 76% of all structure fires, 38% of total dollar loss, and 72% of all structure fire deaths. These statistics continue to identify the home as the most dangerous place to be.



*72% of structure-fire
deaths occurred in
residential properties.*

In the last 24 years, nearly **\$3.9 billion** in property was destroyed by fire; 48%, or nearly **\$1.9 billion**, occurred in residential property.

Active participation by all citizens in fire prevention is the only way to stop the loss of life and property from fire. A practical example of fire prevention efforts by civic groups and fire departments is implementation of programs to distribute and maintain smoke alarms among at-risk populations. Such efforts can result in saved lives and reduced property loss. Encouraging fire sprinkler installation in homes and public buildings is another way of helping people protect themselves from the dangers of fire. The fire community has the responsibility to lead in fire prevention, as well as response.

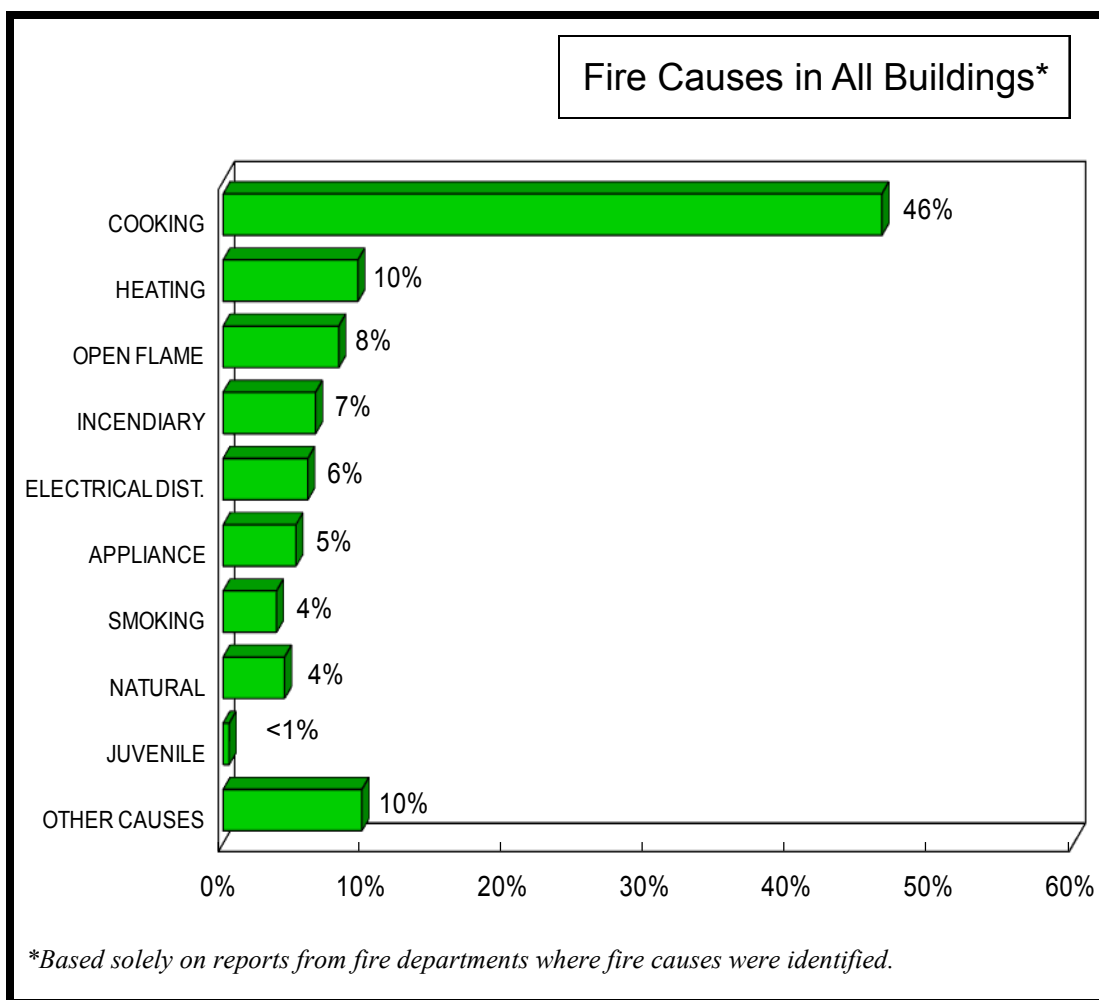
CAUSES



Photo by Becki White

CAUSES

Cooking continues to be the leading cause of all structure fires with known causes. Heating and open flame were the second and third leading causes.



Cooking was the cause in 45% of residential fires.

When fire causes in all types of buildings are compared, cooking continues to be the top cause, with heating and open flame as the second and third leading cause. Cooking remains the leading cause, mainly due to contained cooking fires. The open flame category includes matches, candles, cigarette lighters, charcoal lighters, and flares.

Fires in residential property represented 76% of all structure fires and 38% of the total dollar loss. 58% of incendiary fires occurred in residential properties, causing \$5.52 million in property loss.

Contained cooking fires are fires involving the contents of a cooking vessel without fire extension beyond the vessel.

A Closer Look at Major Fire Causes

Cooking Fires

The leading cause of structure fires in 2012 continues to be cooking. 90% of those fires were contained cooking fires. The top three known factors in the remaining cooking fires were: unattended equipment at 29%, combustibles too close at 15%, and equipment turned on accidentally/not turned off at 13%. There was one cooking-related civilian fire death and 42 civilian injuries, as well as 12 firefighter injuries. Dollar loss from cooking fires in 2012 totaled \$6,159,879.

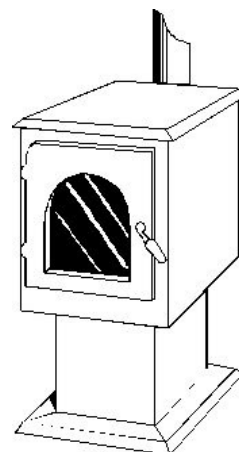
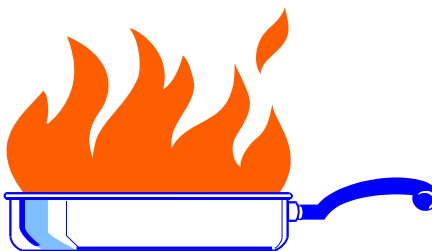
Heating Fires

The majority of 2012 heating-related fires (372) occurred in residential properties. These fires increased 9% from last year (342 fires in 2011) and dollar loss increased by over 200%.

HEATING FIRES IN RESIDENTIAL PROPERTIES ONLY

| Equipment | No. of Fire <u>Incidents</u> | % of <u>Total</u> | <u>Dollar Loss</u> | % of <u>Total</u> |
|-----------------------|---------------------------------|----------------------|--------------------|----------------------|
| Fireplace/Chimney | 229 | 62% | \$2,348,655 | 34% |
| Fixed Heating Units | 57 | 15% | 1,691,577 | 25% |
| Portable Heaters | 25 | 7% | 1,484,692 | 22% |
| Central Heating Units | 40 | 11% | 294,322 | 4% |
| Water Heaters | 12 | 3% | 231,350 | 3% |
| Other | 9 | 2% | 790,643 | 12% |
| Total | 372 | 100% | \$6,841,239 | 100% |

62% of all heating fires in residential properties occurred in the fireplace/chimney area.



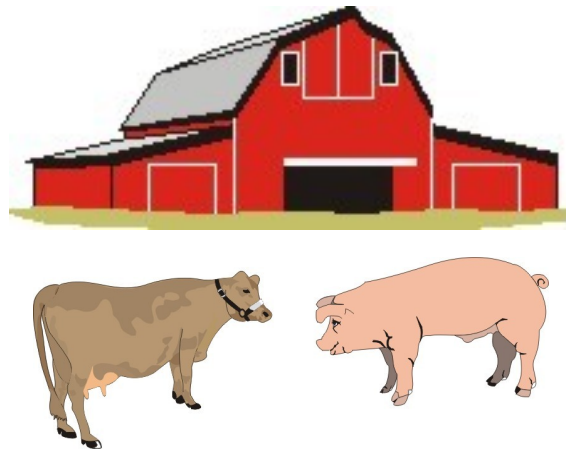
Agricultural property fires caused a total dollar loss of over \$5 million.

AGRICULTURAL PROPERTIES

Agricultural properties are defined as those structures or open pieces of land on which the production of raw agricultural products and farming occurs. Agricultural production and storage properties do not include processing facilities.

AGRICULTURAL PRODUCTION AND STORAGE

| <u>Type of Facility</u> | <u>No. of Incidents</u> | <u>Dollar Loss</u> |
|-------------------------|-------------------------|--------------------|
| Livestock Production | 68 | \$2,350,618 |
| Crop/Orchards | 133 | 1,321,830 |
| Grain Elevators/Silos | 13 | 218,100 |
| Livestock Storage | 33 | 1,192,720 |
| TOTAL | 247 | \$5,083,268 |



The total reported dollar loss for fires in agricultural properties decreased to \$5.1 million, which is 24% less than 2011. There were at least 10 agricultural structure fires that resulted in total loss or extreme damage, yet no dollar loss was reported in each case. Reporting property and content loss for agricultural structure fires has improved, but all these types of fires need to have a dollar loss entered.

Areas of Origin by Occupancy Class

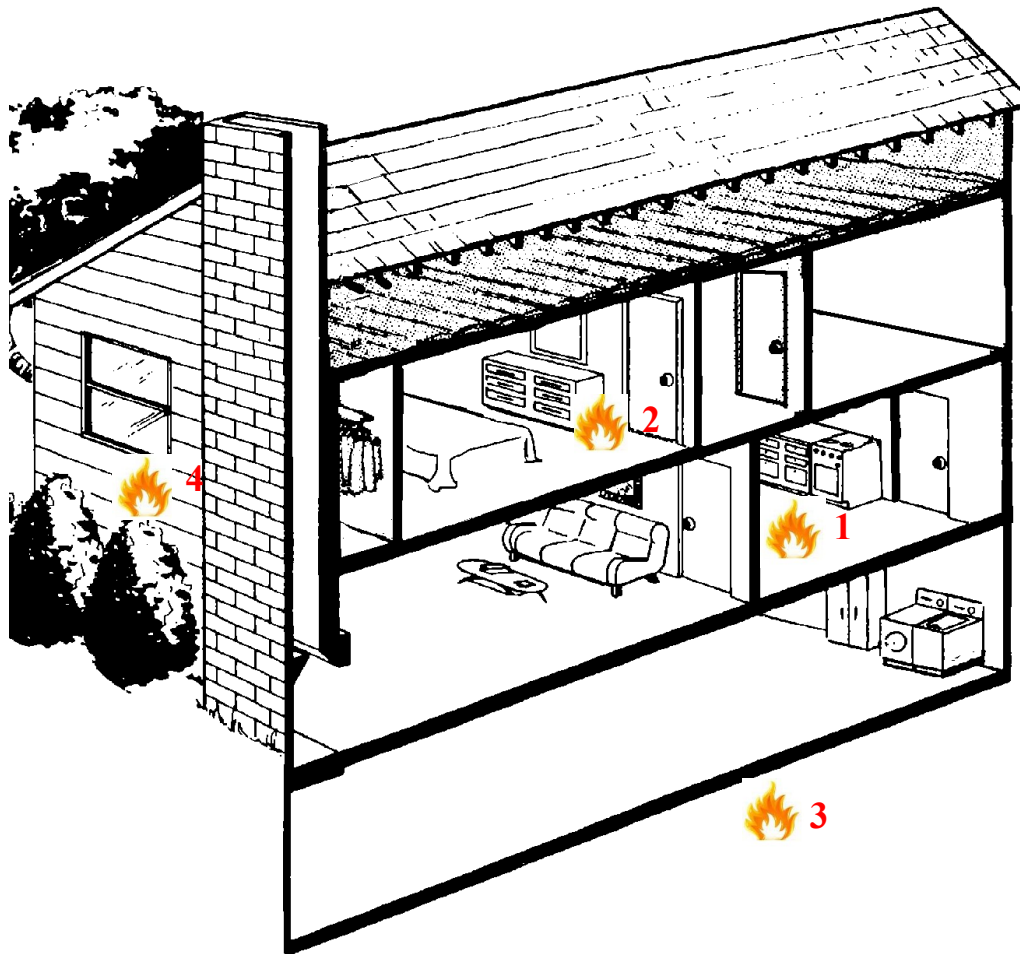
The following pages contain:

- Additional information on the most common areas of fire origin
- Data on each type of structure (to the extent reported)
- Illustrations showing types of rooms in which most fires originated

Statistically, the kitchen is the room in which residential fires are most likely to start. Kitchen fires had a variety of causes.

RESIDENTIAL PROPERTY

(Single Family Dwellings, Apartments, Hotels)



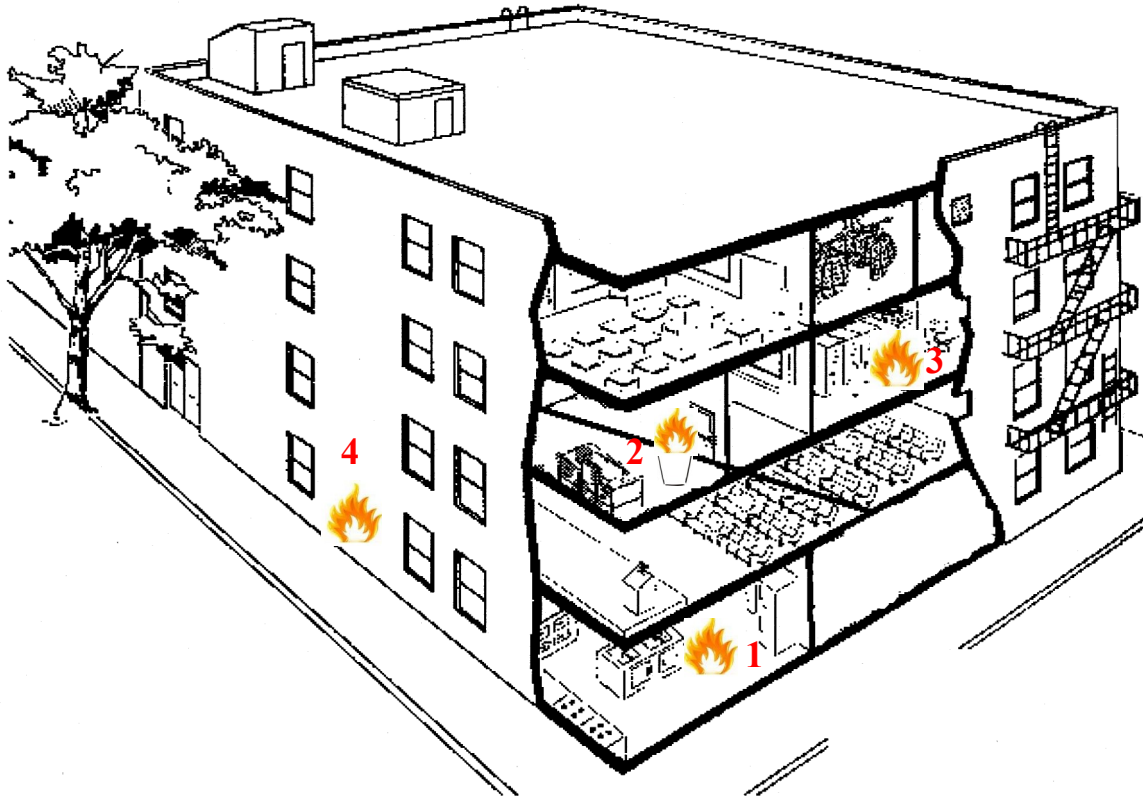
AREA OF FIRE ORIGIN

- 1. Kitchen/Cooking Area 48%
- 2. Sleeping Area 4%
- 3. Exterior Balcony, Porch 4%
- 4. Exterior Wall 3%
- Other Areas of Fire Origin 41%

| | No. of Incidents | Firefighter Injuries | Civilian Injuries | Firefighter Deaths | Civilian Deaths | Dollar Loss |
|-----------------------------|---------------------|-------------------------|----------------------|-----------------------|--------------------|---------------|
| | 4,857 | 103 | 97 | — | 29 | \$111,116,491 |
| % of Total | 76%* | 32% | 81% | — | 58% | 38% |
| *Percent of structure fires | | | | | | |

EDUCATIONAL PROPERTY

(Colleges, Universities, Public/Private Schools)



AREA OF FIRE ORIGIN

- 1. Kitchen/Cooking Area 55%
- 2. Trash Chute/Container 11%
- 3. Lavatory/Locker Room 9%
- 4. Exterior Wall 4%
- Other Areas of Fire Origin 21%

| | No. of Incidents | Firefighter Injuries | Civilian Injuries | Firefighter Deaths | Civilian Deaths | Dollar Loss |
|-----------------------------|---------------------|-------------------------|----------------------|-----------------------|--------------------|-------------|
| | 47 | — | — | — | — | \$136,820 |
| % of Total | 1%* | — | — | — | — | <1% |
| *Percent of structure fires | | | | | | |

PUBLIC ASSEMBLY PROPERTY

(Restaurants, Arenas, Churches, Theaters)



AREA OF FIRE ORIGIN

- 1. Kitchen/Cooking Area 45%
- 2. Trash Chute/Container 8%
- 3. Laundry Room/Area 6%
- 4. Exterior Wall..... 5%

Other Areas of Fire Origin 36%

| | No. of Incidents | Firefighter Injuries | Civilian Injuries | Firefighter Deaths | Civilian Deaths | Dollar Loss |
|-----------------------------|---------------------|-------------------------|----------------------|-----------------------|--------------------|-------------|
| | 173 | 10 | 2 | — | — | \$3,463,430 |
| % of Total | 3%* | 3% | 2% | — | — | 1% |
| *Percent of structure fires | | | | | | |

STORE AND OFFICE PROPERTY

(Retail Shopping, Business Offices, Service Stations)



AREA OF FIRE ORIGIN

- 1. Kitchen/Cooking Area 18%
- 2. Laundry Room/Area 6%
- 3. Trash Chute/Container 5%
- 4. Maintenance Shop/Area 5%

Other Areas of Fire Origin 66%

| | No. of Incidents | Firefighter Injuries | Civilian Injuries | Firefighter Deaths | Civilian Deaths | Dollar Loss |
|-----------------------------|---------------------|-------------------------|----------------------|-----------------------|--------------------|--------------|
| | 177 | 6 | 1 | — | — | \$13,414,106 |
| % of Total | 3%* | 2% | <1% | — | — | 5% |
| *Percent of structure fires | | | | | | |

FIRE PREVENTION WEEK

Since 1925, the week containing October 9 has been designated Fire Prevention Week in the United States, in memory of the Great Chicago Fire of October 9, 1871.

Last year's Fire Prevention Week theme was "Have Two Ways Out," which means every fire escape plan should include two fire exits.

Every year for more than 85 years, the National Fire Protection Association (NFPA) has sent a special fire-prevention message to the people of the United States during Fire Prevention Week. The fire service is encouraged to implement the year's safety theme in communities across the nation. Historically, the NFPA makes promotional materials available to fire departments to use in this effort.

Last year's Fire Prevention Week theme was "Have Two Ways Out." We know that 76% of all fires happen in homes, and having a fire escape plan ahead of time will help everyone escape in an emergency. Having the plan is only half the battle; you need to make sure that your community members are updating and practicing their plans. They should be practicing at night to be sure everyone can hear smoke alarms and wake to them.

The State Fire Marshal urges fire service personnel to introduce and lead fire prevention efforts in their own communities. Further information about this annual prevention campaign can be found on the NFPA website at: www.nfpa.org

SUMMARY

In the year 2012, cooking, again, caused the largest percentage of structure fires (46%) with heating and open flame as the second and third leading causes.

Cooking, heating, and open flame together accounted for 64% of total structure fires with known causes. Fires in residential spaces represent 76% of all structure fires and 72% of fire deaths in structures. 81% of civilian injuries occurred in residential fires.

While careless smoking accounts for only 4% of structure fires, it nevertheless caused 20% of known fire fatalities and 34% of residential fire deaths.

In 2012, fire departments reported 10% of all structure fire causes as "other causes." Fire departments are strongly encouraged to provide the maximum available information on their 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.

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.

INCENDIARY TRENDS

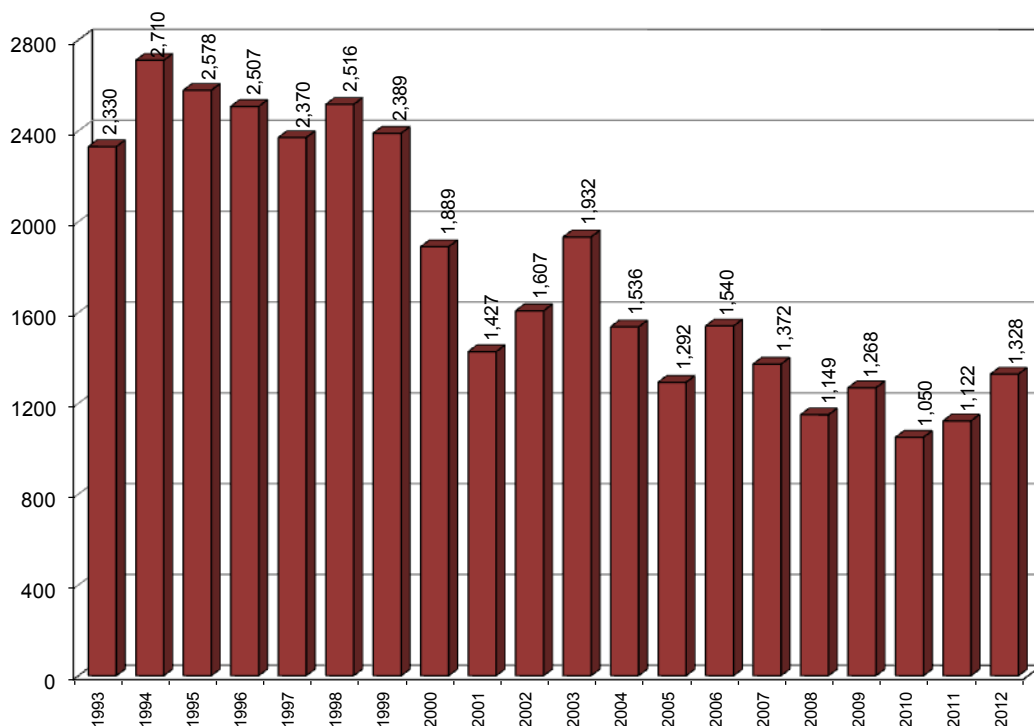


Photo by Jim Iammatteo

In 2012, the number of identified incendiary fires increased by 18%.

INCENDIARY TRENDS

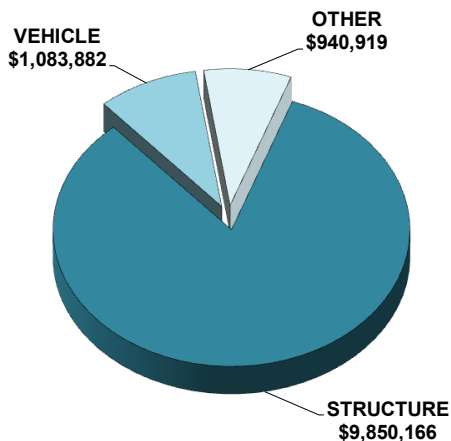
INCENDIARY FIRES IN MINNESOTA



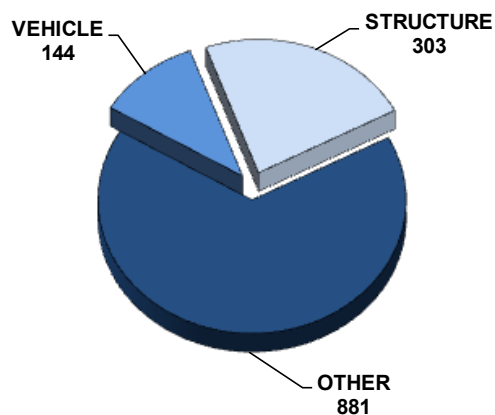
There were 1,328 identified incendiary fires in 2012, an 18% increase from 2011. “Incendiary” refers to any intentionally set fire. An arson fire is an example of an incendiary fire, but not all incendiary fires are arson. It could also include recreational fires intentionally set, that get out of control. The value of property destroyed was estimated at nearly \$12 million, which is a 45% increase from last year. Both numbers are considerably lower than those in the 1990s.

INCENDIARY FIRES BY DOLLAR LOSS AND TYPE

DOLLAR LOSS



TYPE OF FIRE

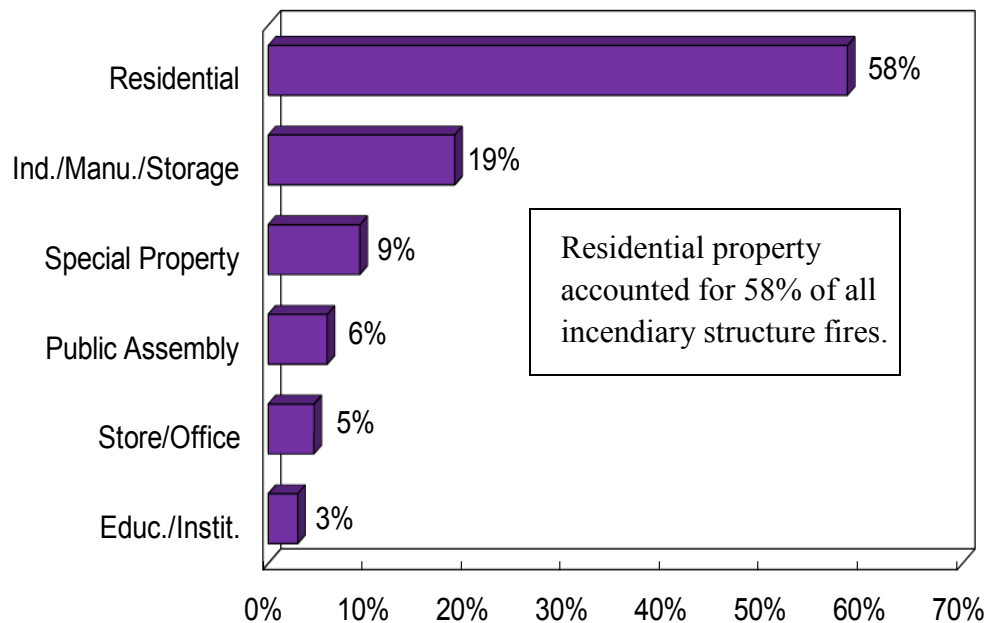


Incendiary dollar loss increased by 45% from 2011.

**Incendiary Fire Dollar Loss
(In Millions)**

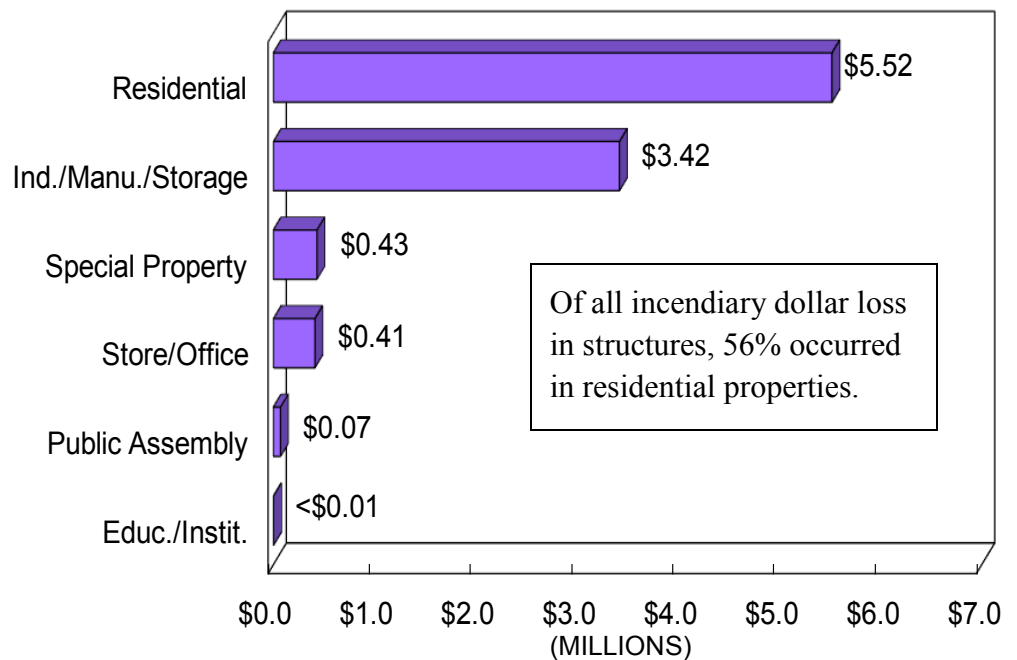
| | <u>Structure</u> | <u>Vehicle</u> |
|------|------------------|----------------|
| 1992 | \$16.3 | \$.5 |
| 1993 | \$20.6 | \$.8 |
| 1994 | \$42.2 | \$.8 |
| 1995 | \$16.9 | \$.9 |
| 1996 | \$20.5 | \$1.3 |
| 1997 | \$13.8 | \$.9 |
| 1998 | \$11.1 | \$1.3 |
| 1999 | \$15.3 | \$1.3 |
| 2000 | \$8.1 | \$1.1 |
| 2001 | \$8.1 | \$1.1 |
| 2002 | \$12.9 | \$1.4 |
| 2003 | \$8.5 | \$1.2 |
| 2004 | \$10.2 | \$1.0 |
| 2005 | \$8.7 | \$.8 |
| 2006 | \$13.4 | \$1.0 |
| 2007 | \$13.5 | \$1.1 |
| 2008 | \$7.0 | \$1.1 |
| 2009 | \$5.3 | \$.9 |
| 2010 | \$6.5 | \$.6 |
| 2011 | \$7.5 | \$.5 |
| 2012 | \$9.9 | \$1.1 |

Incendiary Fire Incidents By Structure Type

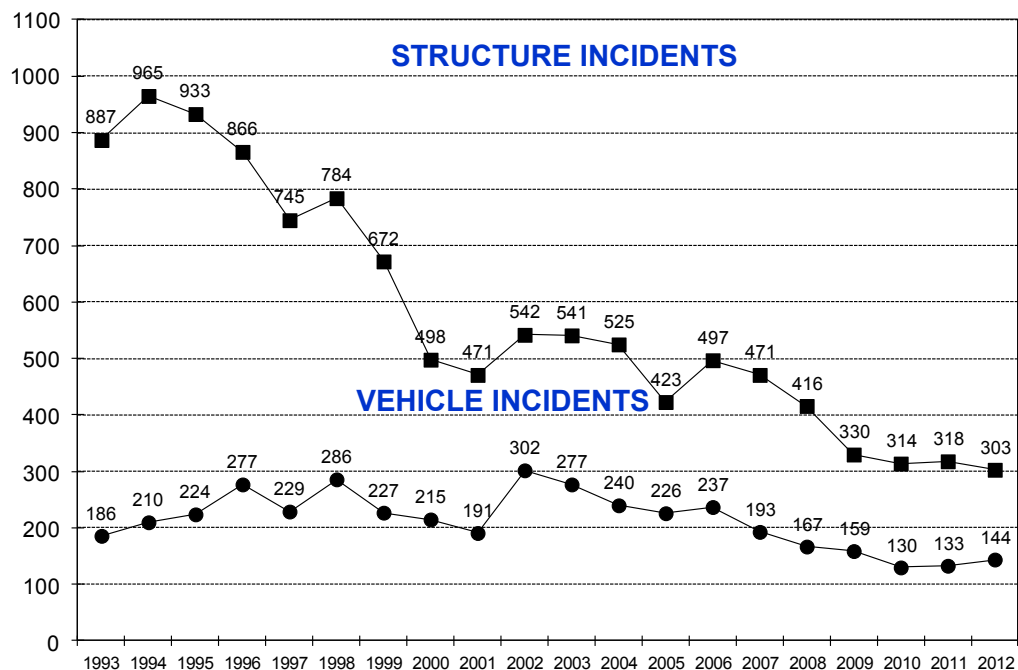


58% of incendiary fires reported in 2012 occurred in residential properties. Dollar loss in those properties totaled over \$5 million, or 56% of total incendiary dollar loss in structures.

Incendiary Fire Dollar Loss By Structure Type



INCENDIARY TRENDS IN STRUCTURE AND VEHICLE FIRES, 1993-2012



In 2012, incendiary was listed as the cause of 7% of all reported structure fires with known causes and 6% of all reported vehicle fires in Minnesota. Vehicle incendiary dollar loss represented 5% of total vehicle fire dollar loss, with an average dollar loss per incendiary vehicle fire of \$7,527. Fire investigators agree that incendiary vehicle fires are under-reported and may not receive as much attention as structure fires receive.

RESIDENTIAL STRUCTURE INCENDIARY FIRES

| <u>Property Type</u> | <u>2011</u> | | <u>2012</u> | | <u>% of Total Dollar Loss</u> |
|-----------------------------|------------------|--------------------|------------------|--------------------|-------------------------------|
| | <u>Incidents</u> | <u>Dollar Loss</u> | <u>Incidents</u> | <u>Dollar Loss</u> | |
| One- or Two-Family Dwelling | 145 | \$4.15M | 127 | \$4.90M | 89% |
| Apartment/Tenement/Flat | 51 | \$0.81M | 40 | \$0.38M | 7% |
| Residential Board and Care | 2 | \$0.05M | 3 | \$0.23M | 4% |
| Hotel/Motel | 1 | \$0.02M | 2 | <\$0.001M | <1% |
| Boarding/Rooming House | 1 | \$0.001M | 1 | \$0M | 0% |
| Other Residential Occupancy | 6 | \$0.03M | 4 | \$0.009M | <1% |
| TOTAL | 206 | \$5.07M | 177 | \$5.52M | 100% |

Residential structures are at greatest risk from fire. These same structures are also at greatest risk from incendiary fires. The 177 residential incendiary incidents reported in 2012 accounted for 4% of all reported residential fires and 5% of the dollar loss for this property type.

INCENDIARY FIRE INCIDENTS AND DOLLAR LOSS BY COUNTY*

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. Per capita data is calculated at a rate of incendiary fires per 100,000 people.

| <u>County</u> | <u>Incendiary Incidents</u> | <u>Incend. Fires/ 100,000 Pop.</u> | <u>Incendiary Dollar Loss</u> | <u>County</u> | <u>Incendiary Incidents</u> | <u>Incend. Fires/ 100,000 Pop.</u> | <u>Incendiary Dollar Loss</u> |
|-------------------|---------------------------------|--|-----------------------------------|--------------------|---------------------------------|--|-----------------------------------|
| Aitkin | 0 | 0 | \$0 | Marshall | 15 | 148 | \$0 |
| Anoka | 52 | 17 | \$177,650 | Martin | 5 | 23 | \$200 |
| Becker | 49 | 163 | \$17,150 | Meeker | 7 | 31 | \$2,000 |
| Beltrami | 19 | 48 | \$289,200 | Mille Lacs | 16 | 72 | \$165,002 |
| Benton | 9 | 26 | \$7,000 | Morrison | 21 | 66 | \$79,000 |
| Big Stone | 3 | 52 | \$0 | Mower | 10 | 26 | \$15,050 |
| Blue Earth | 11 | 20 | \$102 | Murray | 2 | 22 | \$0 |
| Brown | 4 | 15 | \$0 | Nicollet | 2 | 7 | \$30,000 |
| Carlton | 7 | 22 | \$8,600 | Nobles | 0 | 0 | \$0 |
| Carver | 8 | 11 | \$7,700 | Norman | 11 | 148 | \$204,000 |
| Cass | 16 | 59 | \$85,900 | Olmsted | 43 | 35 | \$2,500 |
| Chippewa | 3 | 23 | \$1,000 | Otter Tail | 17 | 30 | \$61,100 |
| Chisago | 15 | 36 | \$2,550 | Pennington | 8 | 59 | \$0 |
| Clay | 27 | 53 | \$35,046 | Pine | 6 | 23 | \$0 |
| Clearwater | 8 | 95 | \$1,500 | Pipestone | 5 | 51 | \$100 |
| Cook | 0 | 0 | \$0 | Polk | 27 | 86 | \$116,982 |
| Cottonwood | 2 | 16 | \$0 | Pope | 9 | 80 | \$5,401 |
| Crow Wing | 15 | 27 | \$144,700 | Ramsey | 172 | 34 | \$1,950,429 |
| Dakota | 71 | 20 | \$1,096,810 | Red Lake | 7 | 163 | \$0 |
| Dodge | 2 | 11 | \$200 | Redwood | 8 | 48 | \$9,100 |
| Douglas | 27 | 82 | \$935,702 | Renville | 3 | 17 | \$500 |
| Faribault | 5 | 31 | \$0 | Rice | 22 | 39 | \$274,400 |
| Fillmore | 8 | 38 | \$300,000 | Rock | 1 | 10 | \$0 |
| Freeborn | 13 | 40 | \$38,105 | Roseau | 8 | 49 | \$0 |
| Goodhue | 14 | 32 | \$306,700 | St. Louis | 55 | 27 | \$805,335 |
| Grant | 6 | 95 | \$7,000 | Scott | 16 | 18 | \$276,902 |
| Hennepin | 191 | 17 | \$1,363,220 | Sherburne | 9 | 14 | \$0 |
| Houston | 1 | 5 | \$0 | Sibley | 9 | 59 | \$150 |
| Hubbard | 3 | 16 | \$1,000 | Stearns | 38 | 29 | \$2,049,520 |
| Isanti | 6 | 19 | \$44,050 | Steele | 14 | 42 | \$6,210 |
| Itasca | 11 | 25 | \$265,100 | Stevens | 5 | 50 | \$26,000 |
| Jackson | 0 | 0 | \$0 | Swift | 1 | 8 | \$0 |
| Kanabec | 1 | 7 | \$1,500 | Todd | 8 | 33 | \$3,200 |
| Kandiyohi | 8 | 19 | \$61,502 | Traverse | 0 | 0 | \$0 |
| Kittson | 2 | 38 | \$90,000 | Wabasha | 7 | 32 | \$0 |
| Koochiching | 0 | 0 | \$0 | Wadena | 5 | 36 | \$0 |
| Lac Qui Parle | 2 | 25 | \$0 | Waseca | 8 | 41 | \$700 |
| Lake | 1 | 9 | \$5,000 | Washington | 24 | 12 | \$314,672 |
| Lake of the Woods | 0 | 0 | \$0 | Watsonwan | 1 | 8 | \$0 |
| LeSueur | 4 | 16 | \$1,000 | Wilkin | 1 | 14 | \$0 |
| Lincoln | 2 | 31 | \$0 | Winona | 15 | 30 | \$7,800 |
| Lyon | 10 | 39 | \$6,000 | Wright | 24 | 27 | \$15,727 |
| McLeod | 10 | 29 | \$500 | Yellow Medicine | 11 | 99 | \$150,000 |
| Mahnomen | 6 | 116 | \$1,500 | Grand Total | 1,328 | 27 | \$11,874,967 |

*Based on data received from 777 departments. See pages 45-52 for MFIRS participation by county.

SUMMARY

Incendiary fires and dollar loss increased in 2012. Incendiary fires were the cause of 7% of structure fires with known causes.

58% of all incendiary structure fires were in residential property as well as 56% of all incendiary dollar loss.

In the past 24 years, incendiary fires caused 56 deaths and over \$345.6 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 is a crime against every Minnesotan.



CASUALTIES



Photo by USFA

Tragic Explosion and Fire Devastates a Community

Generally, this section of the Fire in Minnesota annual report highlights a fire involving multiple victims. This edition features a slightly different approach; it is highlighting an explosion and the ensuing fire that had a profound impact on an entire community and region. The effects continue to be felt by hundreds — possibly thousands — of people more than a year later.

The Verso Paper Mill was an economic mainstay in Sartell, Minnesota, a community of just over 16,000 located a few miles north of St. Cloud. The paper mill dated back to the early 1900s, and in modern times provided stable, good-paying jobs to about 260 workers, most of who resided in the greater Sartell–St. Cloud area.

On Memorial Day, May 28, 2012 at 11:21 a.m. an explosion and subsequent fire severely damaged part of the paper mill complex. Several employees were injured in the explosion — one, fatally. The mill sustained an estimated \$60 million in structural damage and \$18 million in lost contents. It took eight days to extinguish the fire, fought by the Sartell Fire Department with assistance from several other fire departments and specialized rescue teams. Firefighting efforts were hampered by the size of the building, its eventual collapse, and the fact that a major railroad line intersected the property.

In recent years the paper milling industry had experienced a nationwide decline. Verso was not spared the effects of the paper industry downturn, but the Verso Plant was working on a large production order for a major customer at the time of the catastrophe.

Following the explosion and fire, Verso Paper shuttered the Sartell plant; it was sold to a developer for demolition in March, 2013.



The Cause:

The explosion occurred in a tank for one of the large air compressors that powered equipment in the plant. While responding to an alarm from one of the compressors, employees from the plant's inside fire brigade encountered flames; seconds later a large explosion rocked that area of the plant.

In that explosion, Verso plant employee Jon Maus was killed while attempting to contain the flames from the tank of the compressor, and five other employees were injured.

The cause was determined to be an overheated compressor. For reasons unknown, the compressor, which was designed to shut down automatically, did not shut down from the high temperatures. It is possible that the oil used to lubricate the compressor ignited in the high temperatures, setting off the explosion and subsequent fire.

The Impacts:

The effects of this incident were felt by many and continue to be felt a year later. Most tragically, Verso employee Jon Maus lost his life responding to the alarm from the compressor. Mr. Maus is survived by his wife, four children, and numerous friends and relatives.

For residents of Sartell and surrounding areas, the loss of 175-250 jobs has been felt by workers, their families and local merchants as the lay-offs resulted in the loss of income and purchasing power. The adverse economic impact may have a “trickle-down” effect on the community, home values, and the tax base for years.

For Verso Paper there was a major business interruption and concerns about the ability to fulfill on the large production order in progress. The company had to pay for moving Sartell production operations to other plants and sustained a significant loss of product. According to information filed with the Securities and Exchange Commission, Verso reported that the “...closure reduces annual coated groundwood capacity by 180,000 tons, or 20%.” Verso also lost about 35,000 tons of paper processing capacity.

Closing Thoughts:

Along with saving lives and minimizing property damage, one objective of fire prevention activity is to maintain business continuity. Virtually all fires are preventable. With this in mind, it can be argued that communities and fire departments have an obligation to go above and beyond to protect large employers and manufacturers against the disruptive threat of fire. Large companies and employers also have an obligation to the communities they occupy to prevent the personal disruptions and economic distress that result from these types of tragedies.

In 28% of fatalities in residential occupancies, smoke alarms were improperly maintained or absent.

FIRE DEATHS AND SMOKE ALARM PERFORMANCE*

In 2012, 50 civilians lost their lives in Minnesota fires. This number represents an 11% decrease in fire deaths, compared to the 2011 total of 56 fatalities. Residential fire deaths represented 54% of total fire deaths in 2012. In 28% of the residential casualties, smoke alarms (required in every dwelling since 1993) were absent or non-operating. In another 59% of the dwelling cases, it was not possible to determine whether a smoke detector was present or operating.

FIRE DEATHS IN RESIDENTIAL DWELLINGS

| | <u>Fatalities</u> | <u>% of Dwell. Fires</u> | <u>% of Total Deaths</u> |
|--|-------------------|--------------------------|--------------------------|
| No Smoke Alarms Present | 4 | 14% | 8% |
| Inoperable Smoke Alarms Present | 4 | 14% | 8% |
| Working Smoke Alarms Present | 3 | 10% | 6% |
| Unk. if Alarms Present/Working | 17 | 59% | 34% |
| Not a Factor/Suicides, Explosions, etc. | <u>1</u> | <u>3%</u> | <u>2%</u> |
| Total Deaths in Dwellings | 29 | 100% | 58% |
| Other Fire Deaths (Including vehicles, outdoors, other structures, etc.) | <u>21</u> | <u>—</u> | <u>42%</u> |
| Total Fire Deaths | 50 | — | 100% |

THREE FATALITIES WITH WORKING SMOKE DETECTORS: WHY DIDN'T THEY GET OUT?

| | <u>Fatalities</u> |
|----------------------------|-------------------|
| Clothing ignited on person | 2 |
| Irrational action | <u>1</u> |
| Total | 3 |

Since August 1, 1993, smoke alarms have been required in every dwelling in Minnesota that has a sleeping area.

*All charts and information on this page have been taken from the State Fire Marshal Division's 2012 fire death database, which is based on State Fire Marshal fire death investigations and on MFIRS data.

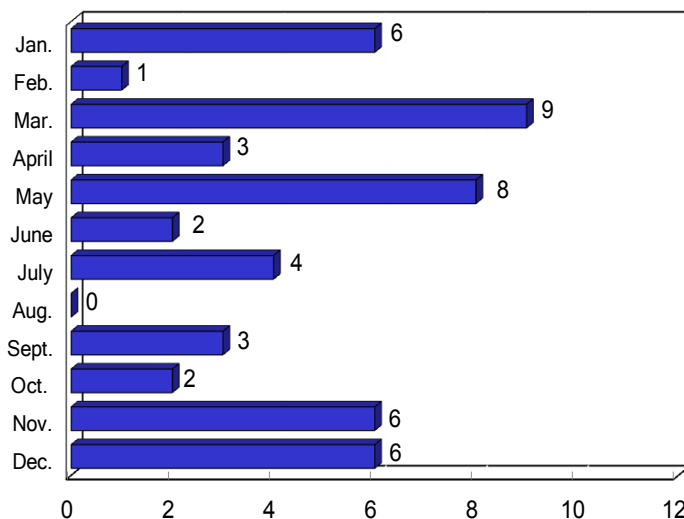
CIVILIAN FIRE DEATHS: WHO AND WHEN

64% of fire deaths in 2012 occurred between the hours of 6 p.m. and 6 a.m. 56% of the fire deaths occurred during the months of January through March and November through December, 2012.

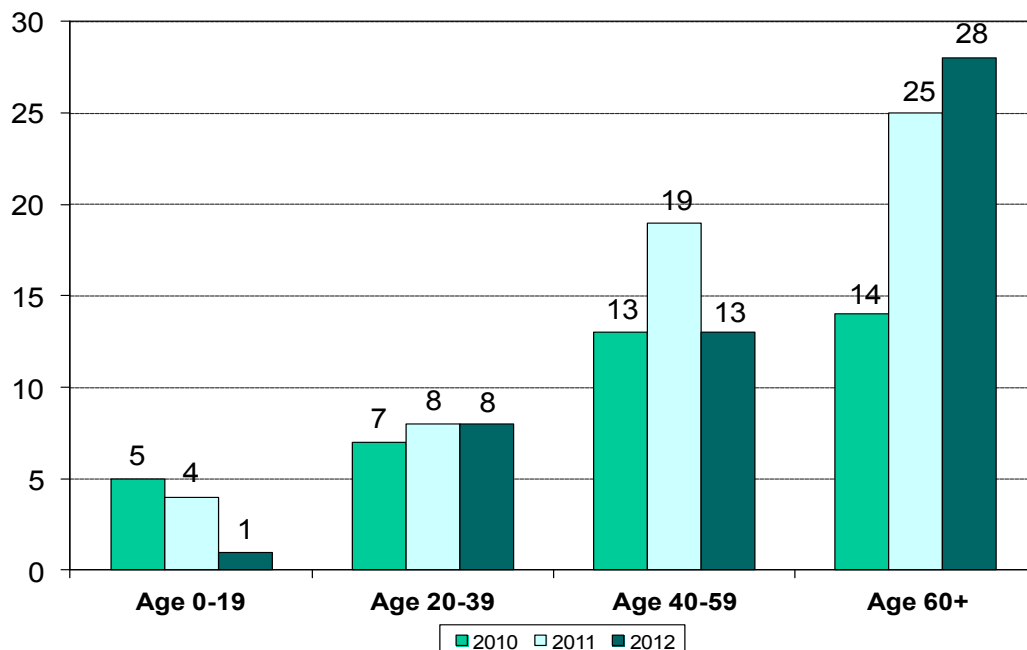
FIRE DEATHS BY TIME OF DAY

| | TOTAL | 0000-0600 | 0600-1200 | 1200-1800 | 1800-2400 |
|-------------------------|-----------|-----------|-----------|-----------|-----------|
| Careless Smoking | 10 | 5 | 1 | 2 | 2 |
| Vehicle Collision/Malf. | 6 | 3 | 0 | 1 | 2 |
| Combust. Too Close | 5 | 0 | 0 | 2 | 3 |
| Careless Opening Burn. | 4 | 0 | 0 | 3 | 1 |
| Suicide | 3 | 2 | 0 | 0 | 1 |
| LP/Nat. Gas Leak/Malf. | 3 | 1 | 1 | 1 | 0 |
| Spark/Cutting/Weld. | 2 | 0 | 0 | 2 | 0 |
| Other | 5 | 4 | 0 | 0 | 1 |
| Undetermined | 12 | 3 | 2 | 3 | 4 |
| TOTAL | 50 | 18 | 4 | 14 | 14 |

FIRE DEATHS BY MONTH



FIRE DEATH BY AGE



In 2012, the age group with the largest number of fire deaths continues to be the 60+ group.

In 2012, total fire deaths decreased by 11% from 2011. Deaths in the 0-19 age group decreased by 75% and the 20-39 year-old group stayed the same. The middle-aged group (40-59 years) experienced a 32% decrease in fire fatalities in 2012, compared to 2011. Deaths in the 60+ range went up by 12%. They also had the largest number of all fire deaths in 2012 (28).

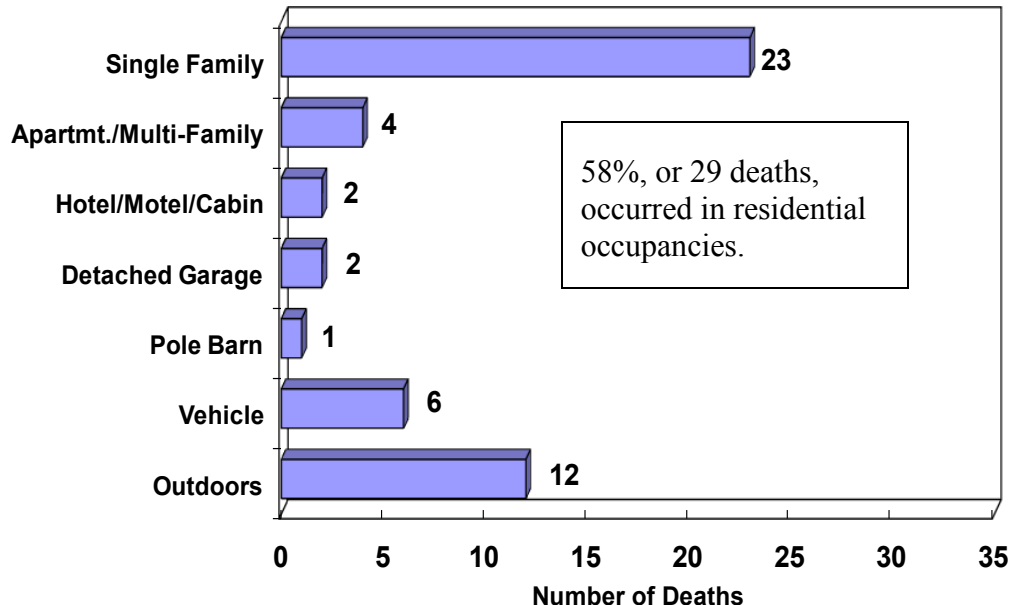
CIVILIAN FIRE DEATHS: WHERE AND WHY

58% of all fire deaths occurred in residential properties.

Careless smoking was identified as the cause of 26% of fire deaths with known causes. 30% of those careless smoking deaths were alcohol- or drug- related.

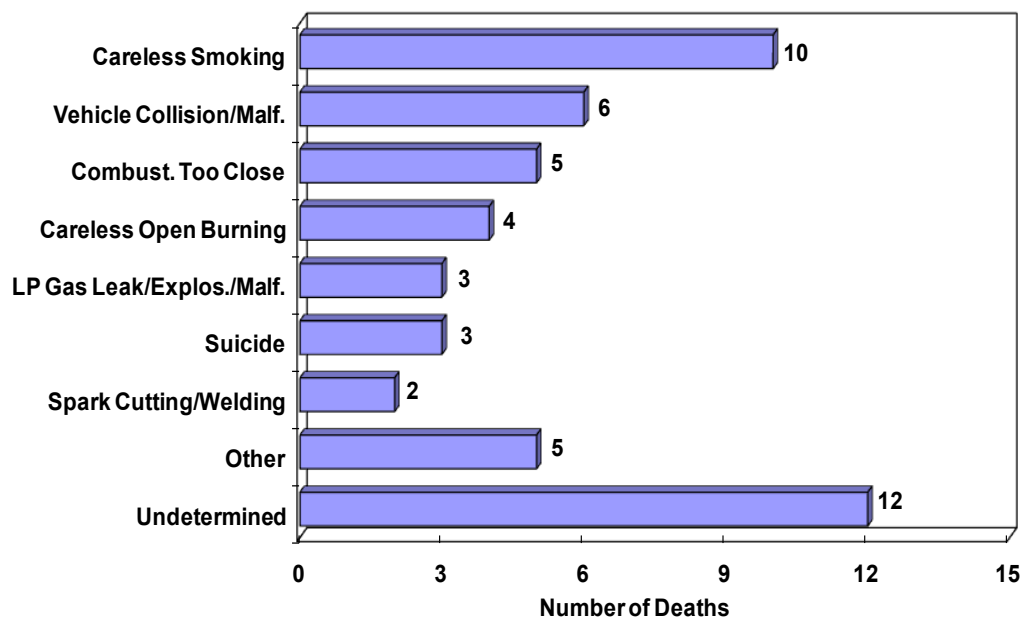
Alcohol/drug use was a factor in 42% of all fire deaths.

Civilian Deaths By Location



58% of all 2012 fire deaths occurred where people generally feel safest — in their homes — and 72% of structural fire deaths were in residences.

Civilian Deaths By Cause



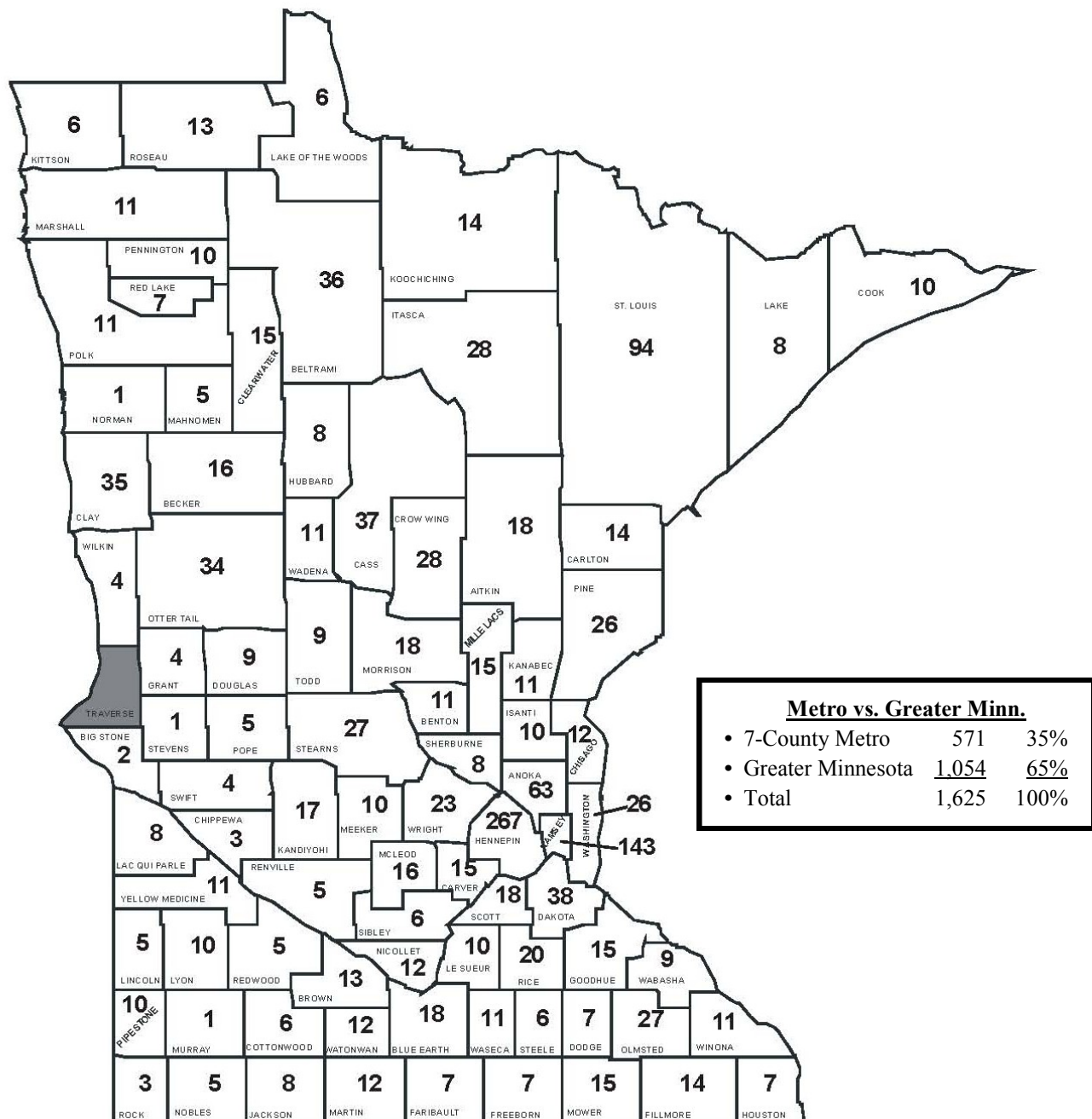
In 2012, careless smoking was once more the leading cause of fatal fires and was determined to be the causative factor in 26% of 2012 fire deaths with known causes. The number of careless smoking deaths remained the same as last year. Alcohol or drug use was a factor in 40% of the careless smoking deaths and in 42% of all fire deaths.

2012 FIRE DEATH LISTING

| <u>Date</u> | <u>City/Town</u> | <u>Structure</u> | <u>Cause</u> | <u>Age</u> |
|-------------|------------------|-----------------------|--------------------------------|------------|
| 1/4/2012 | St. Paul | Single Family | Undetermined | 64 |
| 1/11/2012 | Blue Earth | Single Family | Improp. Chimney/Wood Burner | 57 |
| 1/20/2012 | Eveleth | Detached Garage | Undetermined | 61 |
| 1/23/2012 | Cologne | Single Family | Undetermined | 85 |
| 1/28/2012 | Lavell Twp. | Cabin | Undetermined | 34 |
| 1/30/2012 | Bloomington | Townhouse | Single Family | 60 |
| 2/29/2012 | Lake Lillian | Single Family | LP Gas Leak | 64 |
| 3/6/2012 | Moose Lake | Single Family | Combustibles Too Close | 84 |
| 3/7/2012 | Lindstrom | Single Family | Careless Smoking | 68 |
| 3/13/2012 | St. Paul | Single Family | Careless Smoking | 66 |
| 3/13/2012 | St. Paul | Single Family | Careless Smoking | 70 |
| 3/21/2012 | Minneapolis | Single Family | Careless Smoking | 25 |
| 3/22/2012 | St. Paul | Detached Garage | Careless Smoking | 53 |
| 3/29/2012 | Woodbury | Vehicle Parking Area | Undetermined | 26 |
| 3/30/2012 | Bloomington | Street | Vehicle Collision | 20 |
| 3/31/2012 | Plummer | Railroad Right-Of-Way | Vehicle Collision | 65 |
| 4/5/2012 | Red Lake | Outdoors | Undetermined | 53 |
| 4/20/2012 | Stephen | Single Family | Child Fire Play | 4 |
| 4/25/2012 | Rice | Street | Radiant Heat | 91 |
| 5/6/2012 | Blue Earth | Single Family | Lightning | 47 |
| 5/6/2012 | Blue Earth | Single Family | Lightning | 39 |
| 5/10/2012 | St. Leo | Outdoors | Undetermined | 56 |
| 5/11/2012 | Sherburn | Outdoors | Careless Open Burning | 48 |
| 5/29/2012 | Minneapolis | Outdoors | Suicide | 58 |
| 5/30/2012 | Littlefork | Pole Barn | Welding Spark/Ember | 74 |
| 5/31/2012 | Balaton | Outdoors | Careless Open Burning | 74 |
| 5/31/2012 | Faribault | Outdoors | LP Gas Explosion | 56 |
| 6/2/2012 | Fergus Falls | Outdoors | Careless Open Burning | 75 |
| 6/26/2012 | Fergus Falls | Apartment | Careless Smoking | 62 |
| 7/2/2012 | St. Paul Park | Outdoors | Suicide | 29 |
| 7/15/2012 | Faribault | Highway | Suicide | 44 |
| 7/25/2012 | Linwood Twp. | Single Family | Undetermined | 60 |
| 7/28/2012 | Minneapolis | Single Family | Undetermined | 45 |
| 9/10/2012 | Spicer | Single Family | Careless Smoking | 70 |
| 9/24/2012 | Battle Lake | Outdoors | Cuttng./Grindng. Spark/Ember | 57 |
| 9/25/2012 | Nowthen | Single Family | Careless Smoking | 64 |
| 10/7/2012 | Barclay Twp. | Highway | Vehicle Collision | 60 |
| 10/8/2012 | Bovey | Outdoors | Careless Open Burning | 60 |
| 11/2/2012 | Bemidji | Single Family | Improp. Install. Woodbrn. Stv. | 74 |
| 11/4/2012 | Goodridge | Driveway | Vehicle Malfunction | 29 |
| 11/14/2012 | Little Canada | Single Family | Careless Smoking | 63 |
| 11/23/2012 | Minnetonka | Single Family | Combustibles Too Close | 78 |
| 11/23/2012 | Minnetonka | Single Family | Combustibles Too Close | 76 |
| 11/24/2012 | St. Cloud | Single Family | Unattended Cooking | 23 |
| 12/6/2012 | St. Charles | Motel | Undetermined | 47 |
| 12/7/2012 | Nashwauk | Driveway | Overheated Vehicle | 68 |
| 12/8/2012 | New Ulm | Single Family | Careless Smoking | 79 |
| 12/30/2012 | Maple Grove | Apartment | Combustibles Too Close | 77 |
| 12/31/2012 | Balaton | Apartment | LP Gas Stove Malf. | 56 |
| 12/31/2012 | Shoreview | Single Family | Undetermined | 60 |

CIVILIAN DEATH RATES, 1983 THROUGH 2012

In the past 29 years, 1,625 Minnesota civilians have died in fires (see distribution by county below). In 2012, 46% of our state population lived in greater Minnesota, where the per capita fire death rate was 1.34 deaths for every 100,000 people. The per capita fire death rate for the metro area in 2012 was 0.58 per 100,000, while the rate for the state as a whole was 0.93 per 100,000. The national per capita fire death rate for 2011 was 0.96 per 100,000. Traverse is the only county in Minnesota that has remained fatality free for the past 29 years.



Minnesota's Fire Deaths

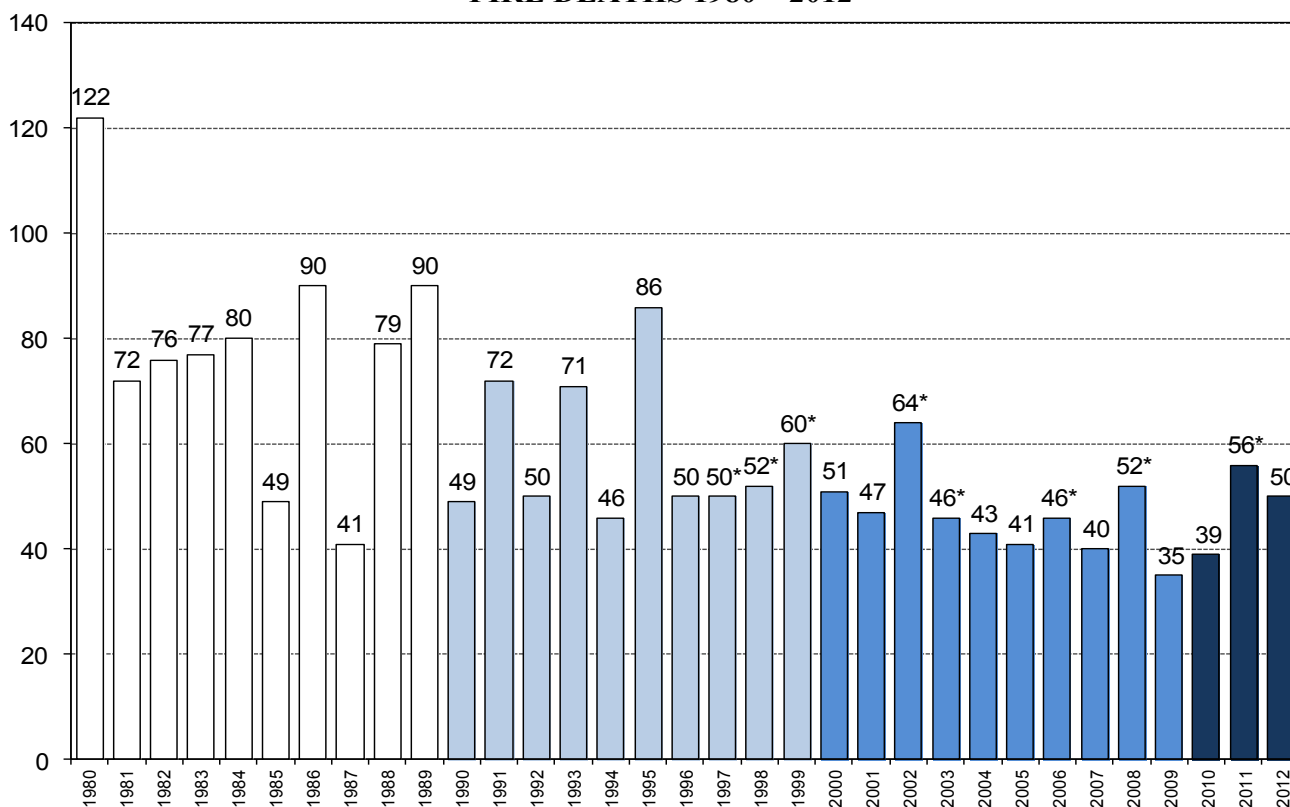
| | |
|-------|--------------------------|
| 1970s | 961 deaths |
| 1980s | 776 deaths |
| 1990s | 585 deaths |
| 2000s | 465 deaths |
| 2010s | 480 deaths (estimate) |

30+ YEARS OF FIRE DEATH HISTORY

As Minnesota's population has grown from 3.8 million in 1970 to 5.37 in 2012, fire deaths have decreased. During the 1980s, fire deaths in Minnesota dropped 19% from the levels of the 1970s. The 1990s showed a further decrease of 25% from the levels of the 1980s. The 2000s had a decrease of 21% 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 1980—2012



*Does not include firefighter deaths.

We honor all firefighters who have given their lives to protect others and remember them always with pride and gratitude.

FIREFIGHTER DEATHS

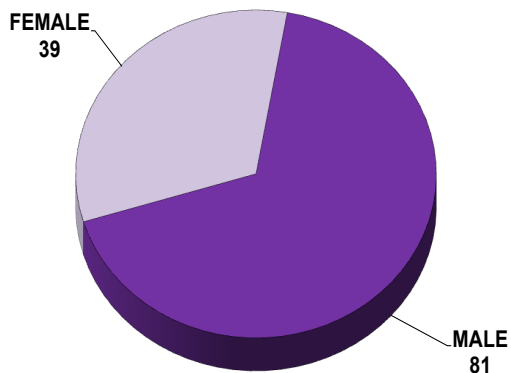
The Minnesota Fire Service is grateful to report no line-of-duty firefighter deaths in 2012. Minnesota is one of just 19 states that can claim no firefighter deaths during that calendar year.

We honor those who have fallen, and remember them with pride and gratitude for their dedication in protecting their fellow citizens from the tragedy of fire.

In 2012, fire departments assisted 120 civilians injured in Minnesota fires. 68% of those injured were males; 32% were females.

CIVILIAN INJURIES REPORTED BY FIRE DEPARTMENTS

In 2012, 120 civilian injuries were reported through the MFIRS system, a 19% increase from 2011. This number does not represent the actual number of fire injuries occurring in the state, as it includes only those victims who have direct contact with a fire department. Many burn victims are taken to emergency rooms by private car or ambulance.



| <u>AGE OF VICTIM</u> | <u>NO. OF VICTIMS</u> |
|----------------------|-----------------------|
| 0-19 | 21 |
| 20-39 | 46 |
| 40-59 | 33 |
| 60-OVER | <u>20</u> |
| TOTAL | 120 |

A breakdown of reported injuries by gender shows that 68% of injuries were to males and 32% to females.

ACTIVITY AT TIME OF FIRE

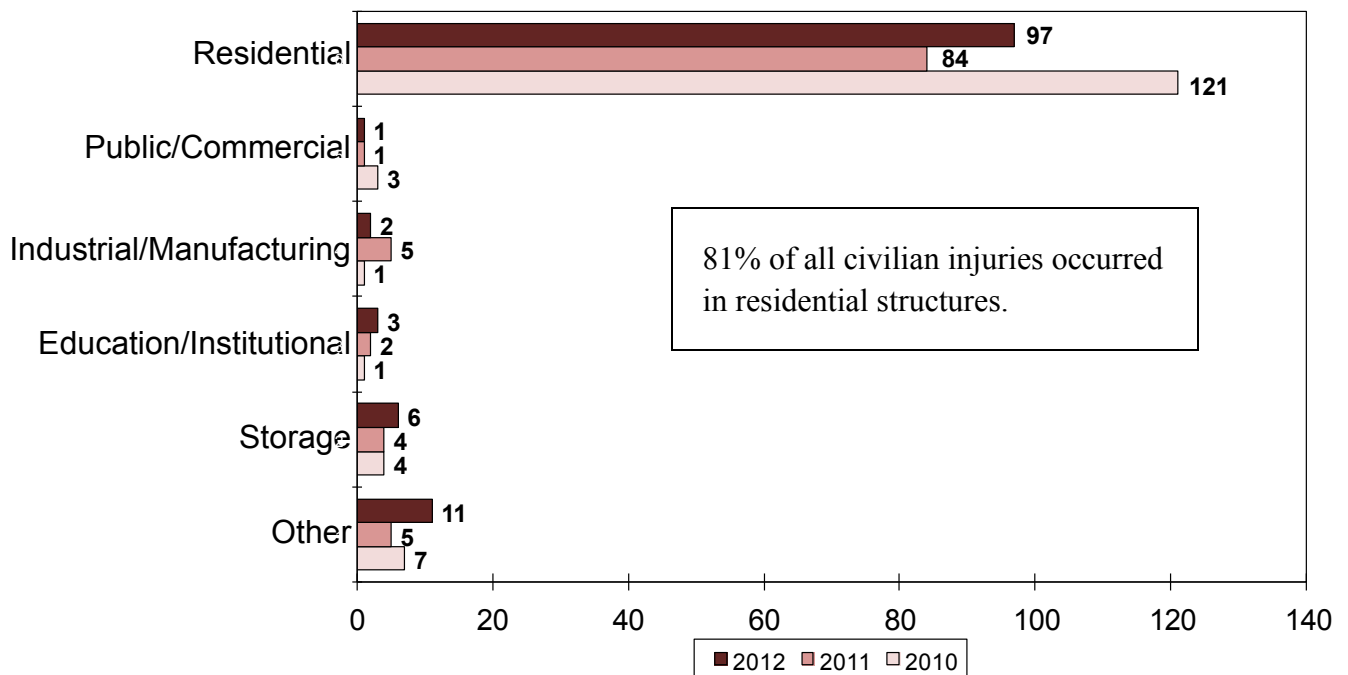
People trying to control a fire accounted for 29% of all civilian fire injuries; these numbers indicate an ongoing need to educate citizens of all ages on how to react to a fire. "Get Out and Stay Out" cannot be over-emphasized.

29% of all injuries were to people trying to control or extinguish a fire.

CIVILIAN INJURIES BY ACTIVITY

| <u>Activity</u> | <u>#</u> | <u>%</u> |
|-----------------|------------|-------------|
| Fire Control | 35 | 29% |
| Escape | 15 | 13% |
| Sleeping | 6 | 5% |
| Rescue Attempt | 11 | 9% |
| Unable to Act | 3 | 3% |
| Other | 11 | 9% |
| Unkn./Unrep. | <u>39</u> | <u>33%</u> |
| | <u>120</u> | <u>100%</u> |

CIVILIAN INJURIES BY PROPERTY TYPE



Like fire fatalities, civilian fire injuries occur most frequently in residential structures.

CIVILIAN INJURIES BY ACTIVITY AND STRUCTURE

| | <u>Residential</u> | <u>Pub/Comm</u> | <u>Indus/Manu</u> | <u>Educ/Inst</u> | <u>Storage</u> | <u>Other</u> |
|----------------|--------------------|-----------------|-------------------|------------------|----------------|--------------|
| Fire Control | 30 | 1 | 1 | -- | -- | 3 |
| Escaping | 15 | -- | -- | -- | -- | -- |
| Rescue Attempt | 10 | -- | -- | -- | 1 | -- |
| Sleeping | 4 | -- | -- | -- | -- | 2 |
| Unable to Act | 2 | -- | -- | 1 | -- | -- |
| Other | 6 | -- | -- | 1 | 3 | 1 |
| Unknown | 30 | -- | 1 | 1 | 2 | 5 |
| TOTAL | 97 | 1 | 2 | 3 | 6 | 11 |

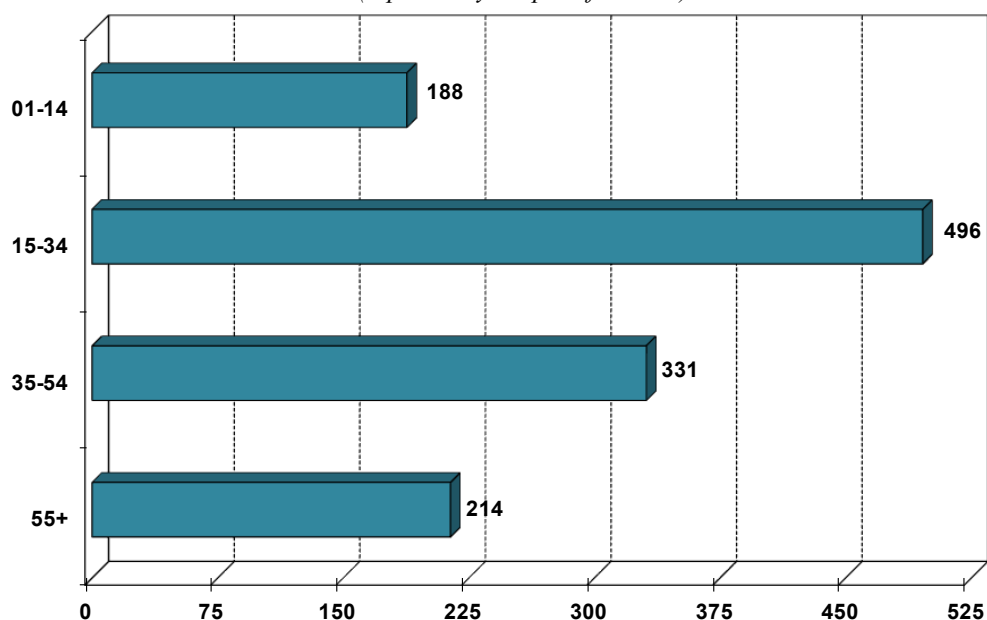
40% of the 1,229 reported burn injuries (486) were in the 15-34 age group.

BURN INJURIES REPORTED BY HOSPITAL FACILITIES

The charts and tables below and on the next two pages reflect civilian burn injuries that were reported to the Minnesota Department of Health by Minnesota hospital facilities.

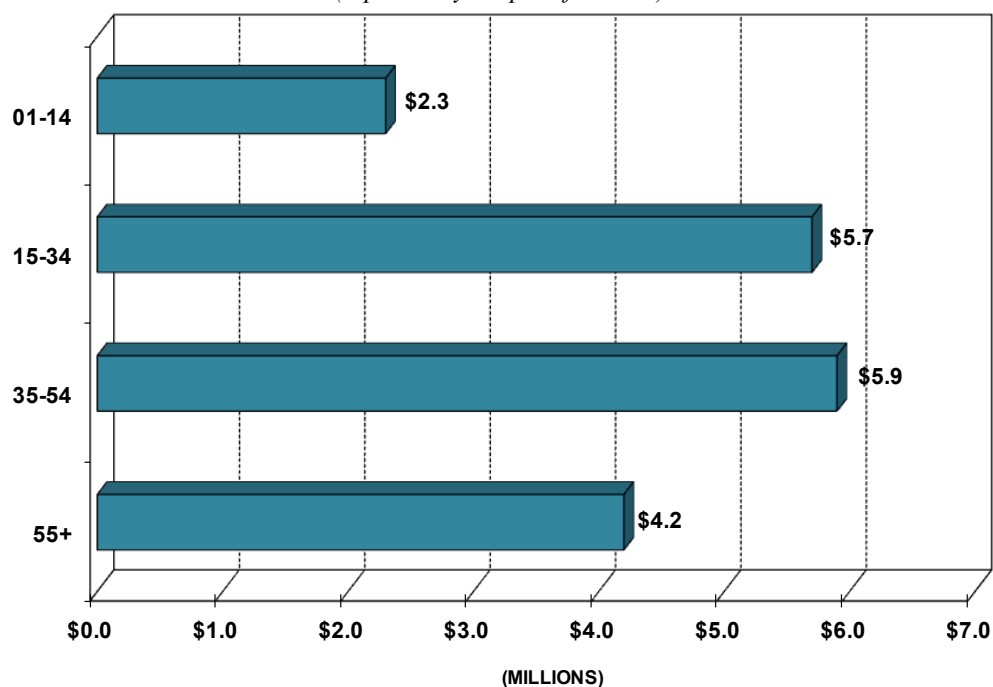
CIVILIAN BURN INJURIES BY AGE

(reported by hospital facilities)



CIVILIAN BURN INJURIES TREATMENT CHARGES BY AGE

(reported by hospital facilities)

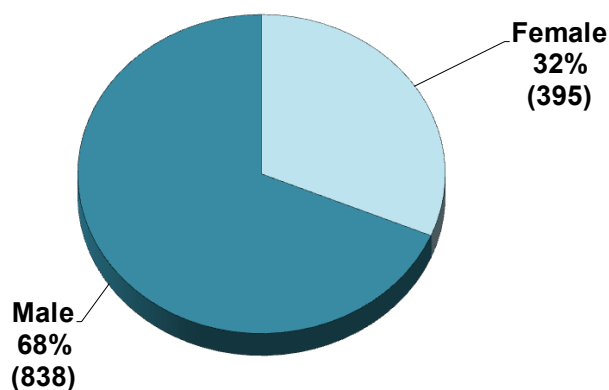


Medical treatment charges for reported burn injuries were more than \$18 million.

68% of burn injuries were sustained by males and 32% by females.

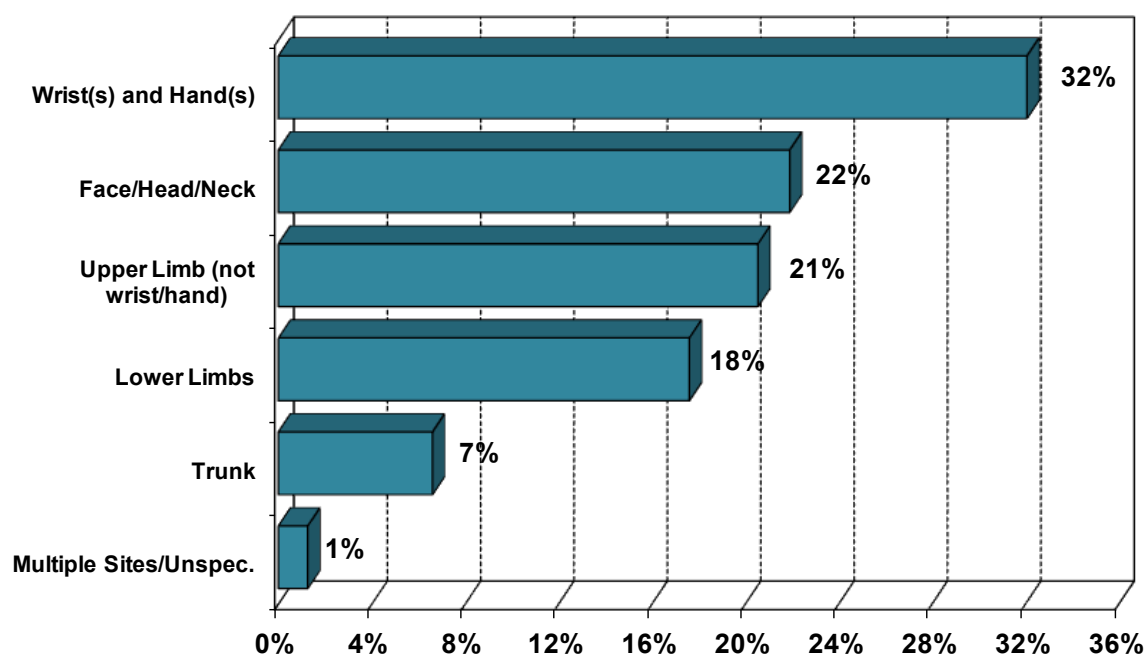
CIVILIAN BURN INJURIES BY GENDER

(reported by hospital facilities)



CIVILIAN BURN INJURIES BY BODY AREA

(reported by hospital facilities)



Wrists and hands were the leading burn areas at 32% of all burns reported.

CIVILIAN BURN INJURIES BY INCOME LEVEL

(reported by hospital facilities)

| Income Level | No. of Injuries | Rate (Per 100,000 Pop.) | Percent. of Total |
|-------------------|-----------------|----------------------------|-------------------|
| \$0-\$24,999 | 24 | 55 | 2% |
| \$25,000-\$49,000 | 597 | 27 | 49% |
| \$50,000-\$74,999 | 484 | 21 | 40% |
| \$75,000+ | 117 | 13 | 10% |

CIVILIAN BURN INJURIES AND CHARGES BY COUNTY*

(reported by hospital facilities)

Per capita data is calculated at a rate of burn injuries per 100,000 people.

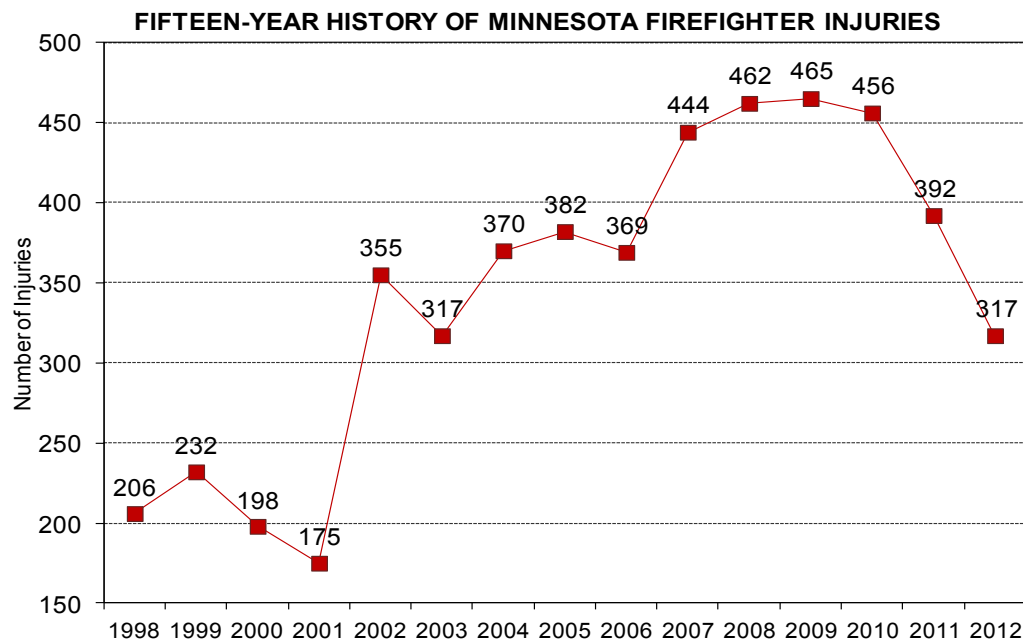
| <u>County</u> | <u>Burn Injuries</u> | <u>Burn Injuries/ 100,000 Pop.</u> | <u>Burn Injury Costs</u> | <u>County</u> | <u>Burn Injuries</u> | <u>Burn Injuries/ 100,000 Pop.</u> | <u>Burn Injury Costs</u> |
|-------------------|----------------------|--|--------------------------|-----------------|----------------------|--|--------------------------|
| Aitkin | 10 | 76 | \$73,643 | Marshall | 4 | 52 | \$4,872 |
| Anoka | 65 | 20 | \$1,393,819 | Martin | 5 | 31 | \$54,075 |
| Becker | 15 | 55 | \$1,017,239 | Meeker | 4 | 21 | \$12,503 |
| Beltrami | 11 | 23 | \$82,020 | Mille Lacs | 16 | 67 | \$20,795 |
| Benton | 12 | 27 | \$30,114 | Morrison | 8 | 22 | \$6,216 |
| Big Stone | 2 | 54 | \$2,624 | Mower | 14 | 36 | \$142,918 |
| Blue Earth | 13 | 22 | \$157,471 | Murray | 0 | 0 | \$0 |
| Brown | 13 | 54 | \$73,001 | Nicollet | 6 | 17 | \$97,912 |
| Carlton | 9 | 29 | \$5,072 | Nobles | 7 | 35 | \$11,517 |
| Carver | 13 | 13 | \$59,381 | Norman | 0 | 0 | \$0 |
| Cass | 4 | 14 | \$3,381 | Olmsted | 31 | 21 | \$133,308 |
| Chippewa | 4 | 37 | \$4,384 | Otter Tail | 21 | 44 | \$38,415 |
| Chisago | 14 | 27 | \$173,181 | Pennington | 3 | 21 | \$1,006 |
| Clay | 3 | 6 | \$6,959 | Pine | 19 | 69 | \$17,154 |
| Clearwater | 6 | 85 | \$1,452 | Pipestone | 0 | 0 | \$0 |
| Cook | 0 | 0 | \$0 | Polk | 5 | 18 | \$6,399 |
| Cottonwood | 0 | 0 | \$0 | Pope | 5 | 49 | \$5,708 |
| Crow Wing | 29 | 53 | \$38,512 | Ramsey | 86 | 17 | \$1,497,458 |
| Dakota | 59 | 15 | \$262,384 | Red Lake | 1 | 15 | \$1,528 |
| Dodge | 6 | 28 | \$2,772 | Redwood | 5 | 32 | \$6,752 |
| Douglas | 9 | 28 | \$8,811 | Renville | 7 | 54 | \$61,420 |
| Faribault | 3 | 17 | \$380,303 | Rice | 13 | 22 | \$72,708 |
| Fillmore | 4 | 18 | \$20,653 | Rock | 4 | 47 | \$2,863 |
| Freeborn | 7 | 27 | \$7,116 | Roseau | 11 | 83 | \$5,207 |
| Goodhue | 28 | 66 | \$141,658 | St. Louis | 63 | 34 | \$1,106,682 |
| Grant | 3 | 57 | \$17,295 | Scott | 36 | 30 | \$2,301,746 |
| Hennepin | 197 | 16 | \$4,042,087 | Sherburne | 25 | 28 | \$115,722 |
| Houston | 2 | 12 | \$589,431 | Sibley | 5 | 31 | \$13,490 |
| Hubbard | 8 | 53 | \$405,790 | Stearns | 29 | 22 | \$194,866 |
| Isanti | 15 | 38 | \$200,074 | Steele | 17 | 46 | \$328,896 |
| Itasca | 12 | 30 | \$17,768 | Stevens | 1 | 5 | \$794 |
| Jackson | 4 | 41 | \$2,421 | Swift | 3 | 40 | \$42,187 |
| Kanabec | 9 | 52 | \$13,317 | Todd | 8 | 34 | \$5,621 |
| Kandiyohi | 8 | 20 | \$19,903 | Traverse | 1 | 14 | \$328 |
| Kittson | 0 | 0 | \$0 | Wabasha | 9 | 44 | \$84,080 |
| Koochiching | 11 | 92 | \$10,555 | Wadena | 3 | 22 | \$3,111 |
| Lac Qui Parle | 0 | 0 | \$0 | Waseca | 4 | 22 | \$2,000 |
| Lake | 7 | 53 | \$4,077 | Washington | 44 | 20 | \$202,255 |
| Lake of the Woods | 3 | 65 | 9,714 | Watsonwan | 7 | 68 | \$9,591 |
| LeSueur | 5 | 15 | \$125,972 | Wilkin | 2 | 23 | \$1,507 |
| Lincoln | 2 | 49 | \$1,789 | Winona | 13 | 26 | \$80,588 |
| Lyon | 14 | 53 | \$1,433,469 | Wright | 27 | 24 | \$247,605 |
| McLeod | 10 | 29 | \$28,960 | Yellow Medicine | 6 | 56 | \$199,722 |
| Mahnomen | 2 | 46 | \$37,333 | | | | |
| TOTAL | | | | 1,229 | 23 | \$18,047,429 | |

*If the number of burn injuries for a county is under 20, the rate is considered "unstable" and not necessarily accurate.

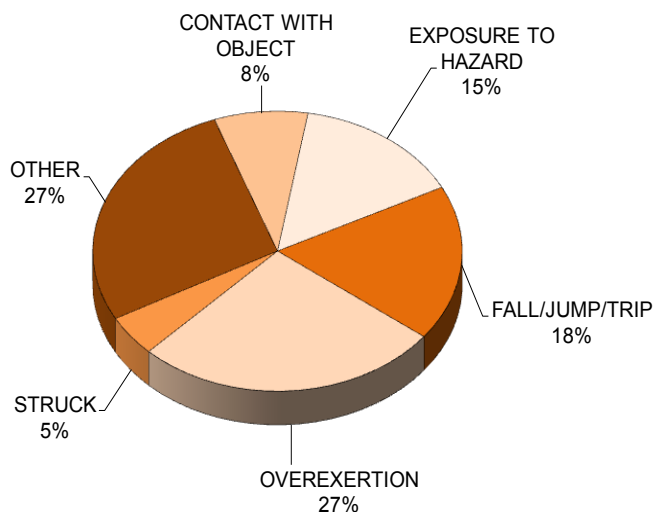
Of the 317 firefighter injuries, 168 (53%) occurred in the course of fighting fires.

FIREFIGHTER INJURIES

In 2012, 317 Minnesota firefighters were injured while responding to, involved in, or returning from emergency situations, as well as other on-duty activities — a 19% decrease from 2011. Of these injuries, 168 (53%) were directly fire-related. (This does not include injuries that occurred during training or at the stations.) 61% of these fire-related injuries occurred while firefighters were fighting residential structure fires (103).



MINNESOTA FIREFIGHTER INJURIES: CAUSES



Firefighter injury cause category “exposure to hazard” includes exposure to heat, smoke, or toxic agents.

Of known causes, “overexertion” had 27% for the greatest percentage of injuries with fall/jump/trip as the next highest at 18%.

FIREWORKS INJURIES AND 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 to 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 2008 through 2012 totaled over \$600,000, averaging over \$126,000 per year.

Fireworks injuries most commonly occur to males between one and 19 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% of Minnesota hospitals participate in the survey of fireworks injuries.

FIREWORKS INJURIES* 2008- 2012 (June-July) BY AGE

| Years | 2008 | | 2009 | | 2010 | | 2011 | | 2012 | | TOTAL | |
|--------------|-----------------------|-------------|-----------|-------------|-----------|-------------|-----------------------|-------------|-----------|-------------|------------|-------------|
| of Age | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| 0-9 | 12 | 19% | 9 | 16% | 13 | 15% | 17 | 20% | 15 | 26 | 65 | 19% |
| 10-19 | 23 | 36% | 11 | 19% | 19 | 22% | 17 | 20% | 8 | 14 | 78 | 22% |
| 20-29 | 13 | 20% | 16 | 28% | 22 | 25% | 19 | 23% | 12 | 21 | 82 | 24% |
| 30-39 | 5 | 8% | 12 | 21% | 10 | 11% | 18 | 21% | 9 | 16 | 54 | 16% |
| 40-49 | 5 | 8% | 8 | 14% | 13 | 16% | 4 | 5% | 10 | 18 | 40 | 11% |
| 50 Plus | 6 | 9% | 1 | 2% | 10 | 11% | 9 | 11% | 3 | 5 | 29 | 8% |
| Total | 66[†] | 100% | 57 | 100% | 87 | 100% | 85[†] | 100% | 57 | 100% | 348 | 100% |
| Male | 51 | 77% | 45 | 79% | 61 | 70% | 66 | 78% | 33 | 58 | 256 | 73% |
| Female | 15 | 23% | 12 | 21% | 26 | 30% | 19 | 22% | 24 | 42 | 95 | 27% |

*Information collected from survey conducted at Minnesota hospitals covering from June 25 through July 15 annually.

[†]There were two injuries in 2008 and one injury in 2011 that listed age as "unknown" or "0".

FIREWORKS FIRE INCIDENTS* DOLLAR LOSS

| | <u>2008</u> | <u>2009</u> | <u>2010</u> | <u>2011</u> | <u>2012</u> | <u>TOTAL</u> |
|---------------------------|-------------|-------------|-------------|-------------|-------------|------------------|
| June-July | \$130,866 | \$89,550 | \$26,300 | \$12,000 | \$194,746 | \$453,462 |
| <i>No. of Incidents</i> | 92 | 61 | 24 | 15 | 47 | 239 |
| <i>% of Total \$ Loss</i> | 94% | 94% | 19% | 21% | 97% | 72% |
| <i>Aver. Dollar Loss</i> | \$1,422 | \$1,468 | \$1,096 | \$800 | \$4,144 | \$1,897 |
| Total/Year | \$139,366 | \$95,350 | \$137,800 | \$57,250 | \$200,446 | \$630,212 |
| <i>No. of Incidents</i> | 123 | 92 | 45 | 23 | 79 | 362 |
| <i>Aver. Dollar Loss</i> | \$1,133 | \$1,036 | \$3,062 | \$2,489 | \$2,537 | \$1,741 |

*Information taken from the Minnesota Fire Incident Reporting System (MFIRS).

SUMMARY

Historically, Minnesotans have been at greatest risk of fire death and injury in their own homes. In 2012, 58% of fire deaths and 81% of civilian injuries occurred in residential settings. 72% of structural fire deaths were in residential property. The presence or absence of working smoke alarms is often a factor in fire fatalities. In 28% of fire deaths occurring in dwellings, smoke alarms were not present or not working. In 59% of residential deaths, it was not known whether alarms were present or functioning.

Careless smoking is once again the leading cause of fire deaths in 2012, representing 26% of known causes. Alcohol or drug use was an impairing factor in 42% of all fire deaths.

Total fire deaths decreased by 11% from 2011; the youngest age group (0-19 years) increased 75% in 2012 and the 20-39 year age group stayed the same. The middle age group (40-59 years) had a decrease of 32%. The 60+ group went up by 12% and represents the largest number of all fire fatalities from 2012.

29% of civilian fire injuries occurred during attempts to put the fire out, indicating a continuing need to educate our citizens on fire-safe behaviors in the home. Getting out as quickly as possible, and not re-entering the home once outside, must be emphasized in all age groups.

53% of firefighter injuries took place while fighting fires; 62% of these fire-related injuries occurred at residential structure fires.

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.**

PARTICIPATION



Fire information is requested on a weekly basis by the media, the public, the fire service and the fire protection community.

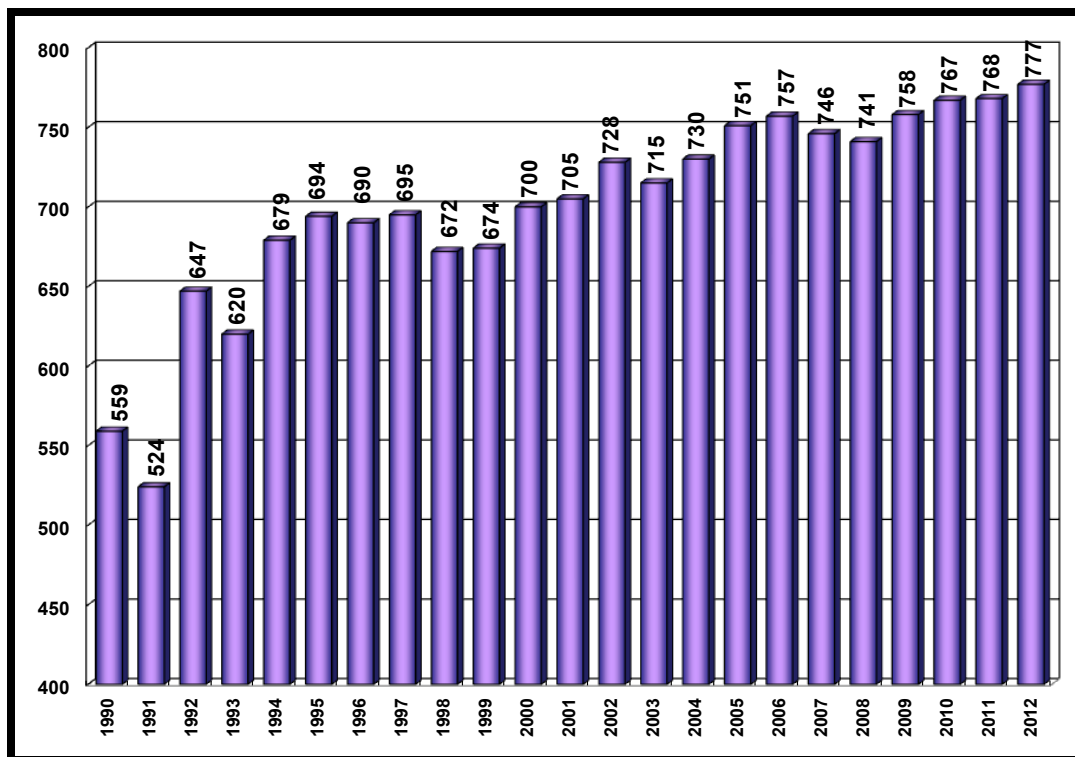
PARTICIPATION - Minnesota Fire Incident Reporting System

The Minnesota State Fire Marshal Division appreciates the efforts of the fire departments that submitted Minnesota Fire Incident Reporting System (MFIRS) reports in 2012. 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 plans for staffing and equipment.

Fire information 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.

The reporting of Minnesota fire departments for 2012 is listed on the following pages. Reporting departments are listed by county. In 81 counties, 100% of the fire departments reported to the MFIRS system.

FIRE DEPARTMENT MFIRS PARTICIPATION



99% of fire departments reported in 2012.

State and national organizations are requiring fire departments to report to their state using the state's reporting system. A number of grants are awarded to fire departments with the requirement to report their incidents. These include fire grants from the United States Fire Administration (USFA) and Department of Natural Resources (DNR) grants. For more information on reporting, call Nora Gierok at 651-201-7209.

REPORTING DEPARTMENTS FOR 2012

AITKIN COUNTY

100% Reporting

AITKIN
HILL CITY
JACOBSON
MCGRATH
MC GREGOR
PALISADE

ANOKA COUNTY

100% Reporting

ANDOVER
ANOKA-CHAMPLIN
BETHEL
CENTENNIAL
COLUMBIA HEIGHTS
COON RAPIDS
EAST BETHEL
FRIDLEY
HAM LAKE
LEXINGTON
LINWOOD TWP.
OAK GROVE
RAMSEY
SPRING LAKE PARK
ST. FRANCIS

BECKER COUNTY

100% Reporting

AUDUBON
CALLAWAY
CARSONVILLE
DETROIT LAKES
ELBOW-TULABY LKS.
FRAZEE
LAKE PARK
OGEMA
WHITE EARTH
WOLF LAKE

BELTRAMI COUNTY

100% Reporting

ALASKA
BEMIDJI
BLACKDUCK
KELLIHER
RED LAKE
SOLWAY TWP.

BENTON COUNTY

100% Reporting

FOLEY
RICE
SAUK RAPIDS

BIG STONE COUNTY

100% Reporting

BEARDSLEY
CORRELL
CLINTON TWP.
GRACEVILLE
ODESSA
ORTONVILLE

BLUE EARTH COUNTY

100% Reporting

AMBOY
EAGLE LAKE
GOOD THUNDER
LAKE CRYSTAL
MADISON LAKE
MANKATO
MAPLETON
PEMBERTON
SKYLINE
SOUTH BEND
ST. CLAIR
VERNON CENTER

BROWN COUNTY

100% Reporting

COMFREY
HANSKA
NEW ULM
SLEEPY EYE
SPRINGFIELD

CARLTON COUNTY

100% Reporting

BARNUM
BLACKHOOF
CARLTON
CLOQUET AREA
CROMWELL
KETTLE RIVER
MAHTOWA
MOOSE LAKE

SCANLON
THOMSON TWP./ESKO
WRENSHALL
WRIGHT

CARVER COUNTY

100% Reporting

CARVER
CHANHASSEN
CHASKA
COLOGNE
HAMBURG
MAYER
NEW GERMANY
NORWOOD-YOUNG AMERICA
VICTORIA
WACONIA
WATERTOWN

CASS COUNTY

100% Reporting

BACKUS
CASS LAKE
CROOKED LAKE
FEDERAL DAM
HACKENSACK AREA
LONGVILLE
PILLAGER AREA
PINE RIVER
REMER
WALKER

CHIPPEWA COUNTY

100% Reporting

CLARA CITY
MAYNARD
MILAN
MONTEVIDEO
WATSON

CHISAGO COUNTY

100% Reporting

ALMELUND
CENTER CITY
CHISAGO CITY
HARRIS
LINDSTROM
NORTH BRANCH
RUSH CITY
SHAFER
STACY-LENT
TAYLORS FALLS
WYOMING

CLAY COUNTY

100% Reporting

BARNESVILLE
DILWORTH
GLYNDON
FELTON
HAWLEY
HITTERDAL
MOORHEAD
SABIN-ELMWOOD
ULEN

CLEARWATER COUNTY

100% Reporting

BAGLEY
BEAR CREEK
CLEARBROOK
GONVICK
HANGAARD TWP.
ITASCA TWP.
SHEVLIN

COOK COUNTY

100% Reporting

COLVILL AREA
GRAND MARAIS
GRAND PORTAGE
GUNFLINT TRAIL
HOVLAND
LUTSEN TWP.
MAPLE HILL
SCHROEDER
TOFTE

COTTONWOOD COUNTY

100% Reporting

JEFFERS
MOUNTAIN LAKE
STORDEN
WESTBROOK
WINDOM

CROW WING COUNTY

100% Reporting

BRAINERD
CROSBY
CROSSLAKE
CUYUNA
DEERWOOD
EMILY
FIFTY LAKES
GARRISON
IDEAL TWP.
IRONTON
MISSION TWP.
NISSWA
PEQUOT LAKES

DAKOTA COUNTY

100% Reporting

APPLE VALLEY
BURNSVILLE
EAGAN
FARMINGTON
HASTINGS
INVER GROVE HEIGHTS
LAKEVILLE
MENDOTA HEIGHTS
MIESVILLE
RANDOLPH
ROSEMOUNT
SOUTH METRO

DODGE COUNTY

100% Reporting

CLAREMONT
DODGE CENTER
HAYFIELD
KASSON
MANTORVILLE
WEST CONCORD

DOUGLAS COUNTY

100% Reporting

ALEXANDRIA
BRANDON
CARLOS
EVANSVILLE
FORADA
GARFIELD
KENSINGTON
LEAF VALLEY TWP.
MILLERVILLE
MILTONA
OSAKIS

FARIBAULT COUNTY

100% Reporting

BLUE EARTH
BRICELYN
DELAVAN
EASTON
ELMORE
FROST
KIESTER
MINNESOTA LAKE
WALTERS
WELLS
WINNEBAGO

FILLMORE COUNTY

100% Reporting

CANTON
CHATFIELD
FOUNTAIN
HARMONY
LANESBORO
MABEL
OSTRANDER
PRESTON
RUSHFORD
SPRING VALLEY
WYKOFF

FREEBORN COUNTY*100% Reporting*

ALBERT LEA
ALBERT LEA TWP.
ALDEN
CLARKS GROVE
CONGER
EMMONS
FREEBORN
GENEVA
GLENVILLE
HARTLAND
HAYWARD
HOLLANDALE
LONDON
MANCHESTER
MYRTLE
TWIN LAKES

GOODHUE COUNTY*100% Reporting*

CANNON FALLS
GOODHUE
KENYON
PINE ISLAND
RED WING
WANAMINGO
ZUMBROTA

GRANT COUNTY*100% Reporting*

ASHBY
BARRETT
ELBOW LAKE
HERMAN
HOFFMAN
WENDELL

HENNEPIN COUNTY*100% Reporting*

BLOOMINGTON
BROOKLYN CENTER
BROOKLYN PARK
DAYTON
EDEN PRAIRIE
EDINA
EXCELSIOR

GOLDEN VALLEY

HAMEL
HANOVER
HOPKINS
LONG LAKE
LORETTO
MAPLE GROVE
MAPLE PLAIN
MEDICINE LAKE
MINNEAPOLIS
MINNETONKA
MOUND
MPLS/ST. PAUL INT'L AIRPORT
OSSEO
PLYMOUTH
RICHFIELD
ROBBINSDALE
ROGERS
ST. ANTHONY
ST. BONIFACIUS
ST. LOUIS PARK
WAYZATA
WEST METRO

HOUSTON COUNTY*100% Reporting*

BROWNSVILLE
CALEDONIA
EITZEN
HOKAH
HOUSTON
LACRESCENT
SPRING GROVE

HUBBARD COUNTY*80% Reporting*

EAST HUBBARD CO.
LAPORTE/LAKEPORT
NEVIS
PARK RAPIDS

ISANTI COUNTY*100% Reporting*

BRAHAM
CAMBRIDGE
DALBO
ISANTI

ITASCA COUNTY*100% Reporting*

BALSAM
BEARVILLE TWP.
BIGFORK
BOVEY
COLERAINE
DEER RIVER
GOODLAND
GRAND RAPIDS
GREENWAY
KEEWATIN
NASHWAUK
SQUAW LAKE
TACONITE
WARBA

JACKSON COUNTY*100% Reporting*

ALPHA
HERON LAKE
JACKSON
LAKEFIELD
OKABENA

KANABEC COUNTY*100% Reporting*

MORA
OGILVIE

KANDIYOHI COUNTY*100% Reporting*

ATWATER
BLOMKEST
KANDIYOHI
LAKE LILLIAN
NEW LONDON
PENNOCK
PRINSBURG
RAYMOND
SPICER
SUNBURG
WILLMAR

KITTSOON COUNTY

100% Reporting

HALLOCK
KARLSTAD
KENNEDY
LAKE BRONSON
LANCASTER

KOOCHICHING COUNTY

100% Reporting

BIG FALLS
BIRCHDALE RURAL
INTERNATIONAL FALLS
LITTLEFORK
LOMAN RURAL
NORTHOME

LAC QUI PARLE COUNTY

100% Reporting

BELLINGHAM
BOYD
DAWSON
LOUISBURG
MADISON
MARIETTA
NASSAU

LAKE COUNTY

100% Reporting

BEAVER BAY
FINLAND
SILVER BAY
TWO HARBORS

LAKE OF THE WOODS CO.

67% Reporting

BAUDETTE
WILLIAMS

LESUEUR COUNTY

100% Reporting

CLEVELAND
ELYSIAN
KASOTA
KILKENNY
LE CENTER

MONTGOMERY
WATERVILLE

LINCOLN COUNTY

100% Reporting

ARCO
HENDRICKS
IVANHOE
LAKE BENTON
TYLER

LYON COUNTY

100% Reporting

BALATON
COTTONWOOD
GARVIN
GHENT
LYND
MARSHALL
MINNEOTA
RUSSELL
TAUNTON
TRACY

MCLEOD COUNTY

100% Reporting

BROWNTON
GLENCOE
HUTCHINSON
LESTER PRAIRIE
PLATO
SILVER LAKE
STEWART
WINSTED

MAHNOMEN COUNTY

100% Reporting

MAHNOMEN
TWIN LAKES VOL.
WAUBUN

MARSHALL COUNTY

100% Reporting

ALVARADO
ARGYLE
GRYGLA
MIDDLE RIVER

NEWFOLDEN
OSLO
STEPHEN
VIKING
WARREN

MARTIN COUNTY

89% Reporting

CEYLON
DUNNELL
FAIRMONT
NORTHROP
SHERBURN
TRIMONT
TRUMAN
WELCOME

MEEKER COUNTY

100% Reporting

COSMOS
DASSEL
EDEN VALLEY
GROVE CITY
LITCHFIELD
WATKINS

MILLE LACS COUNTY

100% Reporting

FORESTON
ISLE
MILACA
ONAMIA
PRINCETON

MORRISON COUNTY

100% Reporting

BOWLUS
FLENSBURG
LITTLE FALLS
MOTLEY
PIERZ
RANDALL
ROYALTON
SCANDIA VALLEY
SWANVILLE
UPSALA

MOWER COUNTY*100% Reporting*

ADAMS
AUSTIN
BROWNSDALE
DEXTER
GRAND MEADOW
LE ROY
LYLE
MAPLEVIEW
ROSE CREEK AREA

MURRAY COUNTY*100% Reporting*

AVOCA
CHANDLER
CURRIE
DOVRAY
FULDA
IONA
LAKE WILSON
SLAYTON

NICOLLET COUNTY*100% Reporting*

COURTLAND
LAFAYETTE
NICOLLET
NORTH MANKATO
ST. PETER

NOBLES COUNTY*100% Reporting*

ADRIAN
BIGELOW
BREWSTER
ELLSWORTH
LISMORE
ROUND LAKE
RUSHMORE
WILMONT
WORTHINGTON

NORMAN COUNTY*100% Reporting*

ADA
BORUP
GARY
HALSTAD
HENDRUM
PERLEY-LEE TWP.
SHELLY
TWIN VALLEY

OLMSTED COUNTY*100% Reporting*

BYRON
DOVER
EYOTA
ORONOCO
ROCHESTER
ROCHESTER AIRPORT
STEWARTVILLE

OTTERTAIL COUNTY*100% Reporting*

BATTLE LAKE
BLUFFTON
DALTON
DEER CREEK
DENT
ELIZABETH
FERGUS FALLS
HENNING
NEW YORK MILLS
OTTERTAIL
PARKERS PRAIRIE
PELICAN RAPIDS
PERHAM
UNDERWOOD
VERGAS
VINING

PENNINGTON COUNTY*100% Reporting*

GOODRIDGE AREA
ST. HILAIRE
THIEF RIVER FALLS

PINE COUNTY*82% Reporting*

ASKOV
BROOK PARK
BRUNO
HINCKLEY
KERRICK
PINE CITY
SANDSTONE
STURGEON LAKE
WILLOW

PIPESTONE COUNTY*100% Reporting*

EDGERTON
HOLLAND
JASPER
PIPESTONE
RUTHTON
WOODSTOCK

POLK COUNTY*100% Reporting*

BELTRAMI
CLIMAX
CROOKSTON
EAST GRAND FORKS
ERSKINE
FERTILE
FISHER
FOSSTON
MCINTOSH
MENTOR
NIELSVILLE
WINGER

POPE COUNTY*100% Reporting*

CYRUS
GLENWOOD
LOWRY
SEDAN
STARBUCK
VILLARD

RAMSEY COUNTY

100% Reporting

FALCON HEIGHTS
FIRE MARSHAL
CENTRAL OFFICE
LAKE JOHANNA
LITTLE CANADA
MAPLEWOOD
NEW BRIGHTON
NORTH ST. PAUL
ROSEVILLE
ST. PAUL
VADNAIS HEIGHTS
WHITE BEAR LAKE

RED LAKE COUNTY

100% Reporting

OKLEE
PLUMMER
RED LAKE FALLS

REDWOOD COUNTY

100% Reporting

BELVIEW
CLEMENTS
LAMBERTON
LUCAN
MILROY
MORGAN
REDWOOD FALLS
REVERE
SANBORN
SEAFORTH
VESTA
WABASSO
WALNUT GROVE
WANDA

RENVILLE COUNTY

90% Reporting

BIRD ISLAND
BUFFALO LAKE
DANUBE
FAIRFAX
FRANKLIN
HECTOR

MORTON
OLIVIA
RENVILLE
SACRED

RICE COUNTY

100% Reporting

FARIBAULT
LONSDALE
MORRISTOWN
NERSTRAND
NORTHFIELD

ROCK COUNTY

100% Reporting

BEAVER CREEK
HARDWICK
HILLS
KENNETH
LUVERNE
MAGNOLIA

ROSEAU COUNTY

100% Reporting

BADGER
GREENBUSH
ROSEAU
WARROAD

ST. LOUIS COUNTY

100% Reporting

ALBORN
ARROWHEAD
AURORA
BABBITT
BIWABIK TWP.
BIWABIK
BOIS FORTE
BREITUNG
BREVATOR
BRIMSON AREA
BUHL
BUYCK COMM.
CANOSIA
CENTRAL LAKES
CHERRY TWP.

CHISHOLM
CLIFTON
COLVIN TWP.
COOK
COTTON
CRANE LAKE
CULVER
DULUTH
EAGLES NEST
ELLSBURG
ELMER
ELY
EMBARRASS
EVELETH
EVERGREEN
FAYAL
FLOODWOOD
FREDENBERG
FRENCH
GILBERT
GNESEN
GRAND LAKE
GREANEY-RAUCH-
SILVERDALE
GREENWOOD
HERMANTOWN
HIBBING
HOYT LAKES
INDUSTRIAL
KABETOGRAMA
KELSEY
KINNEY-GREAT SCOTT
LAKELAND
LAKEWOOD TWP.
MAKINEN
MC DAVITT
MC KINLEY
MEADOWLANDS AREA
MORSE-FALL LAKE
MOUNTAIN IRON
NORMANNA
NORTH STAR TWP.
ORR
PALO TWP.
PEQUAYWAN LAKE
PIKE-SANDY-BRITT
PROCTOR
RICE LAKE

SILICA AREA
SOLWAY RURAL
TOIVOLA TWP.
TOWER
VERMILLION LAKE
VIRGINIA

SCOTT COUNTY
100% Reporting

BELLE PLAINE
NEW MARKET AREA
JORDAN
MDEWAKANTON SIOUX
NEW PRAGUE
PRIOR LAKE
SAVAGE
SHAKOPEE

SHERBURNE COUNTY
100% Reporting

BECKER
BIG LAKE
CLEAR LAKE
ELK RIVER
NE SHERBURNE
ZIMMERMAN-LIVONIA

SIBLEY COUNTY
100% Reporting

ARLINGTON
GAYLORD
GIBBON
GREEN ISLE
HENDERSON
NEW AUBURN
WINTHROP

STEARNS COUNTY
100% Reporting

ALBANY
AVON
BELGRADE
BROOTEN
COLD SPRING
ELROSA
FREEPORT

HOLDINGFORD
KIMBALL
LAKE HENRY
MELROSE
NEW MUNICH
PAYNESVILLE
RICHMOND
ROCKVILLE
SARTELL-LESAUK
SAUK CENTRE
ST. AUGUSTA
ST. CLOUD
ST. JOHN'S UNIV.
ST. JOSEPH
ST. MARTIN
ST. STEPHEN
WAITE PARK

STEELE COUNTY
100% Reporting

BLOOMING PRAIRIE
ELLENDALE
MEDFORD
OWATONNA

STEVENS COUNTY
100% Reporting

BELVIEW
CLEMENTS
LAMBERTON
LUCAN
MILROY
MORGAN
REDWOOD FALLS
REVERE
SANBORN
SEAFORTH
VESTA
WABASSO
WALNUT GROVE
WANDA

SWIFT COUNTY
100% Reporting

APPLETON
BENSON
CLONTARF

DANVERS
KERKHOVEN
MURDOCK

TODD COUNTY
88% Reporting

BERTHA
BROWERVILLE
CLARISSA
EAGLE BEND
HEWITT
LONG PRAIRIE
STAPLES

TRAVERSE COUNTY
100% Reporting

BROWNS VALLEY
DUMONT
TINTAH
WHEATON

WABASHA COUNTY
100% Reporting

ELGIN
KELLOGG
LAKE CITY
MAZEPPA
PLAINVIEW
WABASHA
ZUMBRO FALLS

WADENA COUNTY
100% Reporting

MENAHGA
SEBEKA
VERNDALE
WADENA

WASECA COUNTY
100% Reporting

JANESVILLE
NEW RICHLAND
WALDORF
WASECA

WASHINGTON COUNTY

100% Reporting

BAYPORT
COTTAGE GROVE
FOREST LAKE
HUGO
LAKE ELMO
LOWER ST. CROIX VALLEY
MAHTOMEDI
MARINE ON ST. CROIX
NEWPORT
OAKDALE
SCANDIA
ST PAUL PARK
STILLWATER
WOODBURY

WATONWAN COUNTY

100% Reporting

BUTTERFIELD
DARFUR
LASALLE
LEWISVILLE
MADELIA
ODIN
ORMSBY
ST. JAMES

WILKIN COUNTY

80% Reporting

BRECKENRIDGE
CAMPBELL
ROTHSAY
WOLVERTON

WINONA COUNTY

100% Reporting

ALTURA
DAKOTA
GOODVIEW
LEWISTON
MINNESOTA CITY
NODINE
PICKWICK AREA
RIDGEWAY COMM.
ROLLINGSTONE
ST. CHARLES
WILSON
WINONA

WRIGHT COUNTY

100% Reporting

ALBERTVILLE
ANNANDALE

BUFFALO

CLEARWATER
COKATO
DELANO
HOWARD LAKE
MAPLE LAKE
MONTICELLO
MONTROSE
ROCKFORD
SOUTH HAVEN
ST. MICHAEL
WAVERLY

YELLOW MEDICINE COUNTY

100% Reporting

CANBY
CLARKFIELD
ECHO
GRANITE FALLS
HANLEY FALLS
PORTER
ST. LEO
WOODLAKE

We welcome new and returning departments reporting in 2012:

Bois Forte
Campbell
Colvin Twp.
Elmer
Harris

Howard Lake
Itasca Twp.
Magnolia
McGrath
White Earth

2012 NON-REPORTING FIRE DEPARTMENTS

Dundee (Nobles Co.)
Duxbury (Pine Co.)
Finlayson (Pine Co.)
Foxhome (Wilkin Co.)

Granada (Martin Co.)
Grey Eagle (Todd Co.)
Lake George (Hubbard Co.)
Northwest Angle (Lake of the Woods Co.)

2012 FEMA ASSISTANCE TO FIREFIGHTERS GRANT LIST

| | | | |
|------------------|-----------|---------------------|-----------|
| Albany | \$37,364 | Jackson | \$92,150 |
| Amboy | \$17,328 | Lake Johanna | \$338,229 |
| Appleton | \$68,970 | Littlefork | \$37,597 |
| Atwater | \$46,595 | Madison Lake | \$33,250 |
| Bagley | \$41,278 | Makinen | \$35,250 |
| Bemidji | \$56,763 | Maplewood | \$15,777 |
| Balsam Twp. | \$99,446 | Mission Twp. | \$47,671 |
| Bowlus | \$85,422 | Moorhead | \$20,801 |
| Burnsville | \$19,964 | Mora Area | \$94,858 |
| Byron | \$30,196 | Morristown | \$43,388 |
| Cannon Falls | \$204,117 | Morton | \$8,987 |
| Carlton | \$107,398 | Nashwauk | \$35,299 |
| Carsonville | \$12,445 | Orr | \$68,448 |
| Cloquet Area | \$130,150 | Osseo | \$17,100 |
| Cottage Grove | \$202,320 | Pickwick | \$8,550 |
| Deerwood | \$53,172 | Porter | \$14,255 |
| Duluth | \$129,120 | Princeton | \$19,032 |
| East Grand Forks | \$117,791 | Shelly | \$13,775 |
| Ellsworth | \$57,713 | Solway | \$22,907 |
| Central Lakes | \$117,895 | St. Anthony Village | \$65,360 |
| Falcon Heights | \$176,398 | St. Augusta | \$58,126 |
| Fulda | \$67,104 | St. Joseph | \$89,566 |
| Geneva | \$93,430 | Staples | \$37,554 |
| Greenway | \$147,488 | Taconite | \$49,799 |
| Gunflint Trail | \$648,090 | Greenwood Twp. | \$44,375 |
| Halstad | \$32,490 | Wanda | \$107,564 |
| Henderson | \$603,638 | Watkins | \$42,831 |
| Hill City | \$19,884 | Wayzata | \$18,050 |
| Hills | \$29,209 | West Concord | \$7,600 |
| Hovland | \$3,040 | Winona | \$46,028 |
| Isanti Area | \$33,740 | Winthrop | \$21,163 |

FIRE DEPARTMENT RUNS, DOLLAR LOSSES, AND FIRE DEATHS PER COUNTY

In some instances, the protection district of the reporting fire department goes beyond its county boundary, but the incident will still be recorded within the department's home county. (Fire rate = one fire per persons indicated. For example, in Aitkin County in 2012, there was one fire for every 226 people.)

| <u>County</u> | <u>Population</u> | <u>Total Fire Runs</u> | <u>Total Other Runs</u> | <u>Total Co. Dollar Loss</u> | <u>Fire Rate</u> | <u>Average Dollar Loss/Fire</u> | <u>Fire Deaths</u> |
|--------------------|-------------------|----------------------------|-----------------------------|----------------------------------|------------------|-------------------------------------|------------------------|
| Aitkin | 16,031 | 82 | 169 | \$591,150 | 226 | \$8,326 | |
| Anoka | 319,950 | 864 | 15,823 | \$9,824,451 | 454 | \$13,935 | 2 |
| Becker | 31,817 | 245 | 381 | \$872,250 | 169 | \$4,640 | |
| Beltrami | 42,263 | 168 | 2,107 | \$2,264,290 | 304 | \$16,290 | 2 |
| Benton | 38,099 | 126 | 434 | \$1,319,695 | 356 | \$12,334 | 1 |
| Big Stone | 5,602 | 41 | 28 | \$155,800 | 156 | \$4,328 | |
| Blue Earth | 57,409 | 242 | 2,543 | \$1,317,659 | 261 | \$5,989 | |
| Brown | 26,763 | 85 | 125 | \$2,055,161 | 367 | \$28,153 | 1 |
| Carlton | 33,639 | 215 | 1,925 | \$1,685,541 | 249 | \$12,485 | 1 |
| Carver | 82,122 | 216 | 2,183 | \$2,020,026 | 507 | \$12,469 | 1 |
| Cass | 28,460 | 127 | 326 | \$1,077,625 | 176 | \$9,978 | 1 |
| Chippewa | 12,659 | 72 | 58 | \$401,300 | 211 | \$6,688 | |
| Chisago | 48,349 | 233 | 620 | \$1,213,151 | 254 | \$6,385 | 1 |
| Clay | 52,905 | 247 | 3,409 | \$16,740,795 | 251 | \$79,340 | |
| Clearwater | 8,437 | 90 | 85 | \$54,700 | 103 | \$667 | |
| Cook | 5,317 | 41 | 81 | \$128,050 | 190 | \$4,573 | |
| Cottonwood | 11,961 | 63 | 52 | \$251,500 | 235 | \$4,931 | |
| Crow Wing | 59,431 | 284 | 1,585 | \$5,379,905 | 253 | \$22,893 | |
| Dakota | 379,058 | 974 | 15,900 | \$14,866,920 | 430 | \$16,875 | |
| Dodge | 19,355 | 74 | 319 | \$1,956,688 | 323 | \$32,611 | |
| Douglas | 34,628 | 202 | 413 | \$4,253,424 | 192 | \$23,630 | |
| Faribault | 15,642 | 101 | 202 | \$1,664,152 | 87 | \$22,189 | 3 |
| Fillmore | 21,321 | 90 | 148 | \$978,850 | 257 | \$11,793 | |
| Freeborn | 31,971 | 168 | 847 | \$845,395 | 258 | \$6,818 | |
| Goodhue | 45,496 | 164 | 1,473 | \$1,307,399 | 295 | \$8,490 | |
| Grant | 6,118 | 72 | 92 | \$151,400 | 107 | \$2,656 | |
| Hennepin | 1,120,897 | 3,553 | 74,417 | \$35,680,545 | 363 | \$11,543 | 8 |
| Houston | 19,890 | 54 | 420 | \$1,049,452 | 452 | \$23,851 | |
| *Hubbard | 18,849 | 76 | 42 | \$1,467,785 | 273 | \$21,272 | |
| Isanti | 36,546 | 119 | 880 | \$657,176 | 335 | \$6,029 | |
| Itasca | 44,316 | 227 | 1,131 | \$2,104,654 | 269 | \$12,755 | 2 |
| Jackson | 11,234 | 40 | 86 | \$117,500 | 351 | \$3,672 | |
| Kanabec | 16,056 | 66 | 40 | \$2,490,700 | 282 | \$43,696 | |
| Kandiyohi | 41,191 | 200 | 443 | \$844,122 | 276 | \$5,665 | 2 |
| Kittson | 4,820 | 93 | 59 | \$602,250 | 88 | \$10,950 | |
| Koochiching | 13,863 | 38 | 1,068 | \$487,050 | 396 | \$13,916 | 1 |
| Lac Qui Parle | 7,756 | 56 | 65 | \$202,992 | 180 | \$4,721 | |
| Lake | 11,218 | 58 | 160 | \$473,375 | 261 | \$10,759 | |
| *Lake of the Woods | 4,404 | 26 | 3 | \$525,100 | 259 | \$30,888 | |
| LeSueur | 27,166 | 77 | 338 | \$1,813,800 | 424 | \$28,341 | |
| Lincoln | 6,178 | 40 | 8 | \$265,000 | 206 | \$8,833 | |
| Lyon | 24,703 | 208 | 202 | \$4,138,053 | 198 | \$33,104 | 2 |
| McLeod | 5,081 | 140 | 948 | \$1,056,821 | 348 | \$10,162 | |

| <u>County</u> | <u>Population</u> | <u>Total Fire Runs</u> | <u>Total Other Runs</u> | <u>Total Co. Dollar Loss</u> | <u>Fire Rate</u> | <u>Average Dollar Loss/Fire</u> | <u>Fire Deaths</u> |
|-----------------|-------------------|----------------------------|-----------------------------|----------------------------------|------------------|-------------------------------------|------------------------|
| Mahnomen | 10,015 | 75 | 43 | \$724,555 | 96 | \$13,671 | |
| Marshall | 21,044 | 129 | 191 | \$956,150 | 101 | \$9,658 | 1 |
| *Martin | 36,190 | 102 | 159 | \$524,300 | 266 | \$6,637 | 1 |
| Meeker | 23,277 | 121 | 333 | \$1,719,150 | 242 | \$17,908 | |
| Mille Lacs | 25,079 | 176 | 395 | \$1,279,620 | 182 | \$9,273 | |
| Morrison | 32,689 | 198 | 409 | \$852,450 | 176 | \$4,583 | |
| Mower | 38,998 | 190 | 472 | \$961,620 | 219 | \$5,402 | |
| Murray | 8,995 | 47 | 52 | \$60,250 | 219 | \$1,470 | |
| Nicollet | 30,829 | 81 | 313 | \$617,750 | 440 | \$8,825 | |
| Nobles | 20,477 | 79 | 194 | \$764,700 | 293 | \$11,083 | |
| Norman | 7,085 | 80 | 65 | \$374,300 | 118 | \$6,238 | |
| Olmsted | 133,283 | 281 | 8,127 | \$1,221,290 | 507 | \$4,644 | |
| Otter Tail | 57,931 | 258 | 700 | \$3,200,525 | 272 | \$15,026 | 3 |
| Pennington | 13,545 | 103 | 166 | \$216,900 | 149 | \$2,384 | 1 |
| *Pine | 28,116 | 158 | 481 | \$1,576,425 | 249 | \$13,951 | |
| Pipestone | 9,579 | 56 | 81 | \$1,469,601 | 208 | \$31,948 | |
| Polk | 31,123 | 253 | 1,277 | \$799,032 | 145 | \$3,716 | |
| Pope | 11,227 | 67 | 110 | \$137,302 | 255 | \$3,121 | |
| Ramsey | 499,498 | 1,933 | 26,671 | \$16,802,940 | 270 | \$9,083 | 6 |
| Red Lake | 4,289 | 36 | 24 | \$433,400 | 138 | \$13,981 | 1 |
| Redwood | 16,201 | 76 | 63 | \$642,546 | 257 | \$10,199 | |
| Renville | 16,701 | 61 | 58 | \$493,306 | 298 | \$8,809 | |
| Rice | 60,418 | 178 | 2,057 | \$2,472,150 | 341 | \$13,967 | 2 |
| Rock | 9,579 | 80 | 93 | \$1,176,100 | 54 | \$21,780 | |
| Roseau | 16,308 | 95 | 90 | \$522,402 | 179 | \$5,741 | |
| St. Louis | 114,794 | 1,117 | 18,844 | \$10,881,346 | 240 | \$13,190 | 2 |
| Scott | 78,762 | 326 | 3,370 | \$4,292,035 | 438 | \$16,382 | |
| Sherburne | 15,230 | 255 | 1,295 | \$863,838 | 372 | \$4,075 | |
| Sibley | 198,136 | 70 | 198 | \$276,745 | 263 | \$4,771 | |
| Stearns | 141,055 | 675 | 6,328 | \$85,674,373 | 248 | \$150,835 | 1 |
| Steele | 35,166 | 132 | 455 | \$1,739,895 | 301 | \$14,871 | |
| Stevens | 9,935 | 51 | 71 | \$248,400 | 221 | \$5,520 | |
| Swift | 11,478 | 58 | 57 | \$221,750 | 244 | \$4,718 | |
| *Todd | 24,647 | 121 | 267 | \$439,403 | 257 | \$4,577 | |
| Traverse | 3,871 | 34 | 15 | \$404,750 | 40 | \$13,492 | |
| Wabasha | 22,215 | 79 | 275 | \$487,330 | 347 | \$7,615 | |
| Wadena | 13,603 | 87 | 36 | \$1,491,700 | 170 | \$18,646 | |
| Waseca | 19,270 | 100 | 898 | \$462,910 | 250 | \$6,012 | |
| Washington | 216,660 | 588 | 13,438 | \$10,576,420 | 462 | \$22,551 | 2 |
| Watonwan | 11,390 | 68 | 76 | \$1,155,151 | 228 | \$23,103 | |
| *Wilkin | 6,784 | 38 | 65 | \$413,628 | 212 | \$12,926 | |
| Winona | 49,046 | 177 | 2,353 | \$1,267,708 | 316 | \$8,179 | 1 |
| Wright | 106,889 | 404 | 2,647 | \$2,678,438 | 359 | \$8,988 | |
| Yellow Medicine | 10,580 | 78 | 44 | \$1,230,850 | 147 | \$17,095 | 1 |
| | | 19,728 | 224,994 | \$292,159,086 | 307 | \$17,600 | 50 |

*Indicates counties that do **not** have 100% reporting.

FIRE DEPARTMENT RESPONSES AND DOLLAR LOSS AS REPORTED BY MFIRS DATA

| <u>City</u> | <u>Total Fire Runs</u> | <u>Total Other Runs</u> | <u>Dollar Loss</u> | <u>City</u> | <u>Total Fire Runs</u> | <u>Total Other Runs</u> | <u>Dollar Loss</u> | <u>City</u> | <u>Total Fire Runs</u> | <u>Total Other Runs</u> | <u>Dollar Loss</u> |
|-----------------|----------------------------|-----------------------------|------------------------|------------------|----------------------------|-----------------------------|------------------------|-----------------|----------------------------|-----------------------------|------------------------|
| ADA | 13 | 39 | \$89,200 | BAUDETTE | 16 | 3 | \$525,100 | BRIMSON | 2 | 22 | \$33,300 |
| ADAMS | 8 | 14 | \$26,500 | BAYPORT | 39 | 968 | \$70,200 | BROOK PARK | 14 | 6 | \$8,000 |
| ADRIAN | 9 | 56 | \$130,000 | *BEAR CREEK | 0 | 0 | \$0 | BROOKLYN CENTER | 129 | 1,863 | \$1,582,000 |
| AITKIN | 25 | 47 | \$419,300 | BEARDSLEY | 8 | 7 | \$0 | BROOKLYN PARK | 270 | 7,544 | \$1,447,470 |
| ALASKA | 3 | 2 | \$8,000 | BEARVILLE TWP. | 7 | 4 | \$3,000 | BROOTEN | 23 | 25 | \$23,000 |
| ALBANY | 18 | 134 | \$1,103,310 | BEAVER BAY | 1 | 0 | \$0 | BROWERVILLE | 15 | 26 | \$0 |
| ALBERT LEA | 67 | 644 | \$319,445 | BEAVER CREEK | 13 | 21 | \$0 | BROWNS VALLEY | 8 | 7 | \$3,750 |
| ALBERT LEA TWP. | 13 | 32 | \$69,000 | BECKER | 26 | 376 | \$0 | BROWNSDALE | 5 | 35 | \$5,000 |
| ALBERTVILLE | 26 | 192 | \$0 | BELGRADE | 14 | 57 | \$27,050 | BROWNSVILLE | 5 | 37 | \$18,000 |
| ALBORN | 9 | 49 | \$5,100 | BELLE PLAINE | 24 | 141 | \$85,920 | BROWNTON | 6 | 55 | \$2,000 |
| ALDEN | 10 | 50 | \$37,000 | BELLINGHAM | 4 | 18 | \$40,000 | BRUNO | 9 | 2 | \$112,000 |
| ALEXANDRIA | 74 | 135 | \$751,800 | BELTRAMI | 4 | 2 | \$0 | BUFFALO | 43 | 184 | \$620,477 |
| ALMELUND | 16 | 43 | \$500 | BELVIEW | 7 | 6 | \$183,000 | BUFFALO LAKE | 2 | 1 | \$255,500 |
| ALPHA | 3 | 13 | \$0 | BEMIDJI | 136 | 2,077 | \$1,621,290 | BUHL | 4 | 3 | \$2,600 |
| ALTURA | 2 | 1 | \$0 | BENSON | 32 | 30 | \$10,400 | BURNSVILLE | 143 | 4,841 | \$1,933,215 |
| ALVARADO | 11 | 31 | \$0 | BERTHA | 13 | 71 | \$95,500 | BUTTERFIELD | 7 | 1 | \$22,000 |
| AMBOY | 7 | 48 | \$30,500 | BETHEL | 7 | 10 | \$13,000 | BUYCK | 1 | 4 | \$20,000 |
| ANDOVER | 50 | 1,119 | \$191,600 | BIG LAKE | 49 | 5 | \$0 | BYRON | 20 | 39 | \$32,300 |
| ANNANDALE | 18 | 153 | \$204,000 | BIGELOW | 1 | 160 | \$3,000 | CALEDONIA | 10 | 22 | \$507,500 |
| ANOKA-CHAMPLIN | 88 | 539 | \$899,775 | BIGFORK | 9 | 17 | \$30,700 | CALLAWAY | 15 | 6 | \$0 |
| APPLE VALLEY | 97 | 1,320 | \$3,088,964 | BIRCHDALE | 1 | 4 | \$0 | CAMBRIDGE | 57 | 136 | \$355,650 |
| APPLETON | 2 | 3 | \$0 | BIRD ISLAND | 11 | 5 | \$0 | CAMP RIPLEY | 34 | 94 | \$0 |
| ARCO | 3 | 0 | \$15,000 | BIWABIK | 4 | 15 | \$0 | CAMPBELL | 1 | 0 | \$0 |
| ARGYLE | 16 | 73 | \$320,000 | BIWABIK TWP. | 6 | 27 | \$33,000 | CANBY | 20 | 3 | \$344,500 |
| ARLINGTON | 19 | 50 | \$0 | BLACKDUCK | 11 | 14 | \$195,500 | CANNON FALLS | 33 | 358 | \$0 |
| ARROWHEAD | 18 | 1 | \$0 | BLACKHOOF | 22 | 17 | \$99,700 | CANOSIA TWP. | 31 | 125 | \$60,000 |
| ASHBY | 19 | 3 | \$47,300 | BLOMKEST | 1 | | \$150,000 | CANTON | 7 | 3 | \$0 |
| ASKOV | 7 | 41 | \$61,200 | BLOOMING PRAIRIE | 17 | 21 | \$634,440 | CARLOS | 4 | 0 | \$0 |
| ATWATER | 18 | 28 | \$51,522 | BLOOMINGTON | 197 | 967 | \$1,242,768 | CARLTON | 33 | 80 | \$879,000 |
| AUDUBON | 15 | 16 | \$70,200 | BLUE EARTH | 36 | 52 | \$1,015,152 | CARSONVILLE | 54 | 132 | \$453,000 |
| AURORA | 13 | 18 | \$0 | BLUFFTON | 3 | 1 | \$0 | CARVER | 21 | 122 | \$23,450 |
| AUSTIN | 130 | 359 | \$678,020 | BOIS FORTE | 1 | 0 | \$0 | CASS LAKE | 36 | 45 | \$85,000 |
| AVOCA | 1 | 0 | \$0 | BORUP | 12 | 6 | \$50,800 | CENTENNIAL | 43 | 987 | \$166,750 |
| AVON | 23 | 134 | \$93,800 | BOVEY | 12 | 99 | \$0 | CENTER CITY | 11 | 18 | \$6,500 |
| BABBITT | 23 | 22 | \$26,300 | BOWLUS | 12 | 3 | \$46,000 | CENTRAL LAKES | 1 | 5 | \$13,000 |
| BACKUS | 16 | 17 | \$207,500 | BOYD | 10 | 18 | \$3,400 | CEYLON | 11 | 1 | \$4,200 |
| BADGER | 20 | 5 | \$45,000 | BRAHAM | 8 | 7 | \$194,100 | CHAIN OF LAKES | 4 | 6 | \$255,000 |
| BAGLEY | 34 | 24 | \$53,500 | BRAINERD | 112 | 779 | \$3,114,500 | CHANDLER | 0 | 5 | \$0 |
| BALATON | 28 | 8 | \$165,000 | BRANDON | 10 | 46 | \$45,400 | CHANHASSEN | 22 | 491 | \$64,166 |
| BALSAM | 14 | 62 | \$183,000 | BRECKENRIDGE | 17 | 6 | \$0 | CHASKA | 55 | 371 | \$809,051 |
| BARNESVILLE | 42 | 26 | \$386,200 | BREITUNG TWP. | 9 | 30 | \$22,000 | CHATFIELD | 13 | 43 | \$40,500 |
| BARNUM | 13 | 111 | \$0 | BREVATOR TWP. | 5 | 1 | \$262,000 | CHERRY TWP. | 15 | 39 | \$12,260 |
| BARRETT | 10 | 16 | \$0 | BREWSTER | 14 | 39 | \$16,100 | CHISAGO CITY | 24 | 36 | \$10,701 |
| BATTLE LAKE | 17 | 15 | \$717,250 | BRICELYN | 4 | 3 | \$145,000 | CHISHOLM | 40 | 71 | \$146,825 |

| <u>City</u> | <u>Total Fire Runs</u> | <u>Total Other Runs</u> | <u>Dollar Loss</u> | <u>City</u> | <u>Total Fire Runs</u> | <u>Total Other Runs</u> | <u>Dollar Loss</u> | <u>City</u> | <u>Total Fire Runs</u> | <u>Total Other Runs</u> | <u>Dollar Loss</u> |
|------------------|----------------------------|-----------------------------|------------------------|--------------------|----------------------------|-----------------------------|------------------------|-----------------|----------------------------|-----------------------------|------------------------|
| CHOKIO | 17 | 2 | \$58,400 | DALTON | 16 | 55 | \$5,020 | ELMORE | 14 | 42 | \$116,500 |
| CLARA CITY | 10 | 16 | \$18,000 | DANUBE | 6 | 3 | \$50,000 | ELROSA | 2 | 17 | \$0 |
| CLAREMONT | 5 | 19 | \$13,900 | DANVERS | 8 | 3 | \$207,350 | ELY | 8 | 263 | \$12,600 |
| CLARISSA | 13 | 62 | \$43,500 | DARFUR | 7 | 4 | \$5,050 | ELYSIAN | 8 | 59 | \$3,000 |
| CLARKFIELD | 6 | 6 | \$102,000 | DASSEL | 20 | 208 | \$557,250 | EMBARRASS | 13 | 41 | \$210,000 |
| CLARKS GROVE | 9 | 0 | \$4,500 | DAWSON | 18 | 23 | \$0 | EMILY | 11 | 12 | \$0 |
| CLEAR LAKE | 26 | 164 | \$181,000 | DAYTON | 14 | 209 | \$500 | EMMONS | 11 | 43 | \$65,350 |
| CLEARBROOK | 18 | 53 | \$0 | DEER CREEK | 5 | 42 | \$0 | ERSKINE | 21 | 93 | \$156,250 |
| CLEARWATER | 28 | 216 | \$545,000 | DEER RIVER | 30 | 52 | \$361,100 | EVANSVILLE | 22 | 5 | \$132,500 |
| CLEMENTS | 2 | 3 | \$0 | DEERWOOD | 9 | 35 | \$558,300 | EVELETH | 26 | 82 | \$942,500 |
| CLEVELAND | 9 | 62 | \$0 | DEGRAFF | 5 | 0 | \$0 | EVERGREEN | 4 | 7 | \$0 |
| CLIFTON TWP. | 10 | 12 | \$25,000 | DELANO | 35 | 454 | \$77,660 | EXCELSIOR | 54 | 585 | \$623,752 |
| CLIMAX | 1 | 18 | \$10,000 | DELAVAN | 3 | 2 | \$60,000 | EYOTA | 14 | 27 | \$118,200 |
| CLINTON | 10 | 9 | \$75,200 | DENT | 9 | 7 | \$11,500 | FAIRFAX | 12 | 7 | \$185,000 |
| CLINTON TWP. | 5 | 20 | \$0 | DETROIT LAKES | 63 | 176 | \$72,300 | FAIRMONT | 44 | 105 | \$332,800 |
| CLONTARF | 1 | 2 | \$0 | *DEXTER | 0 | 0 | \$0 | FALCON HGTS. | 21 | 111 | \$72,500 |
| CLOQUET AREA | 33 | 1,080 | \$467,520 | DILWORTH | 26 | 30 | \$413,000 | FARIBAULT | 78 | 1,856 | \$293,450 |
| COHASSET | 36 | 160 | \$683,300 | DODGE CENTER | 18 | 159 | \$653,900 | FARMINGTON | 58 | 494 | \$861,450 |
| COKATO | 21 | 51 | \$10,900 | DONNELLY | 7 | 16 | \$31,000 | FAYAL | 28 | 125 | \$57,000 |
| COLD SPRING | 24 | 305 | \$220,200 | DOVER | 16 | 18 | \$7,000 | FEDERAL DAM | 0 | 1 | \$0 |
| COLERAINE | 10 | 102 | \$85,500 | DOVRAY | 5 | 3 | \$0 | FELTON | 7 | 2 | \$205,800 |
| COLOGNE | 8 | 67 | \$105,026 | DULUTH | 315 | 9,470 | \$1,751,741 | FERGUS FALLS | 69 | 168 | \$1,002,780 |
| COLUMBIA HGTS. | 56 | 2,539 | \$279,000 | DUMONT | 3 | 0 | \$250,000 | FERTILE | 41 | 8 | \$67,300 |
| COLVILL AREA | 9 | 15 | \$0 | DUNNLL.-LK. FRMNT. | 4 | 20 | \$0 | FIFTY LAKES | 7 | 17 | \$20,000 |
| COLVIN TWP. | 1 | 0 | \$0 | EAGAN | 98 | 975 | \$1,006,350 | FINLAND | 9 | 16 | \$175 |
| COMFREY | 9 | 3 | \$751,486 | EAGLE BEND | 5 | 0 | \$3,000 | FISHER | 11 | 26 | \$21,282 |
| CONGER | 5 | 0 | \$70,000 | EAGLE LAKE | 15 | 87 | \$0 | FLENSBURG | 1 | 0 | \$0 |
| COOK | 9 | 31 | \$45,100 | EAGLES NEST | 1 | 23 | \$0 | FLOODWOOD | 4 | 21 | \$90,500 |
| COON RAPIDS | 123 | 4,755 | \$3,356,151 | EAST BETHEL | 37 | 471 | \$452,779 | FOLEY | 50 | 173 | \$966,000 |
| *CORRELL | 0 | 0 | \$0 | EAST GRAND FORKS | 32 | 811 | \$131,400 | FORADA TWP | 6 | 47 | \$10,000 |
| COSMOS | 6 | 15 | \$6,000 | EAST HUBBARD CO. | 8 | 0 | \$147,500 | FOREST LAKE | 81 | 313 | \$254,710 |
| COTTAGE GROVE | 65 | 2,437 | \$391,701 | EASTON | 1 | 13 | \$0 | FORESTON | 19 | 65 | \$14 |
| COTTON | 12 | 48 | \$80,000 | ECHO | 2 | 0 | \$0 | FOSSTON | 28 | 25 | \$0 |
| COTTONWOOD | 18 | 20 | \$600,000 | EDEN PRAIRIE | 56 | 1,790 | \$810,900 | FOUNTAIN | 6 | 5 | \$0 |
| COURTLAND | 9 | 55 | \$51,250 | EDEN VALLEY | 22 | 26 | \$0 | FRANKLIN | 3 | 1 | \$0 |
| CRANE LAKE | 2 | 11 | \$0 | EDGERTON | 7 | 17 | \$0 | FRAZEE | 42 | 28 | \$750 |
| CROMWELL | 6 | 14 | \$100,000 | EDINA | 110 | 4,698 | \$1,422,300 | FREDENBERG TWP. | 8 | 40 | \$5,000 |
| CROOKED LK. TWP. | 5 | 19 | \$3,100 | EITZEN | 11 | 34 | \$0 | FREEBORN | 4 | 6 | \$110,000 |
| CROOKSTON | 88 | 219 | \$332,800 | ELBOW LAKE | 21 | 48 | \$49,000 | FREEPORT | 16 | 13 | \$0 |
| CROSBY | 15 | 36 | \$190,655 | ELBOW-TULABY LKS. | 5 | 2 | \$0 | FRENCH TWP. | 3 | 9 | \$2,500 |
| CROSSLAKE | 19 | 250 | \$56,550 | ELGIN | 10 | 18 | \$17,000 | FRIDLEY | 121 | 2,906 | \$1,054,538 |
| CULVER | 8 | 3 | \$57,700 | ELIZABETH | 1 | 3 | \$155,000 | FROST | 0 | 1 | \$0 |
| CURRIE | 9 | 12 | \$25,500 | ELK RIVER | 77 | 278 | \$589,700 | FULDA | 15 | 17 | \$0 |
| CUYUNA | 6 | 1 | \$8,650 | ELLENDALE | 17 | 16 | \$205,200 | GARFIELD | 19 | 55 | \$2,123,024 |
| CYRUS | 15 | 8 | \$130,500 | ELLSBURG | 10 | 23 | \$5,300 | GARRISON | 33 | 141 | \$778,000 |
| DAKOTA | 11 | 66 | \$0 | ELLSWORTH | 8 | 21 | \$200,000 | GARVIN | 13 | 10 | \$20,000 |
| DALBO | 18 | 68 | \$40,376 | ELMER | 2 | 1 | \$0 | GARY | 8 | 1 | \$0 |

| <u>City</u> | <u>Total Fire Runs</u> | <u>Total Other Runs</u> | <u>Dollar Loss</u> | <u>City</u> | <u>Total Fire Runs</u> | <u>Total Other Runs</u> | <u>Dollar Loss</u> | <u>City</u> | <u>Total Fire Runs</u> | <u>Total Other Runs</u> | <u>Dollar Loss</u> |
|---------------------|----------------------------|-----------------------------|------------------------|-------------------|----------------------------|-----------------------------|------------------------|--------------------|----------------------------|-----------------------------|------------------------|
| GAYLORD | 7 | 22 | \$50,000 | HAWLEY | 34 | 49 | \$428,700 | KARLSTAD | 30 | 26 | \$341,250 |
| GENEVA | 13 | 50 | \$0 | HAYFIELD | 16 | 22 | \$22,100 | KASOTA | 2 | 7 | \$0 |
| GHENT | 11 | 6 | \$0 | HAYWARD | 14 | 0 | \$0 | KASSON | 13 | 34 | \$656,588 |
| GIBBON | 10 | 2 | \$16,000 | HECTOR | 8 | 8 | \$0 | KEEWATIN | 13 | 84 | \$10,000 |
| GILBERT | 8 | 6 | \$1,300 | HENDERSON | 2 | 67 | \$0 | KELLIHER | 7 | 7 | \$66,000 |
| GLENCOE | 0 | 6 | \$0 | HENDRICKS | 5 | 2 | \$250,000 | KELLOGG | 8 | 0 | \$294,430 |
| GLENVILLE | 0 | 3 | \$0 | HENDRUM | 5 | 1 | \$0 | *KELSEY | 0 | 0 | \$0 |
| GLENWOOD | 28 | 6 | \$2,402 | HENNING | 14 | 8 | \$12,060 | KENNEDY | 10 | 10 | \$0 |
| GLYNDON | 22 | 3 | \$85,750 | HERMAN | 5 | 1 | \$46,100 | KENNETH | 2 | 1 | \$20,000 |
| GNESEN TWP. | 11 | 74 | \$0 | HERMANTOWN | 36 | 680 | \$77,500 | KENSINGTON | 15 | 32 | \$215,000 |
| GOLDEN VALLEY | 56 | 39 | \$553,500 | HERON LAKE | 8 | 11 | \$1,000 | KENYON | 15 | 15 | \$0 |
| GONVICK | 22 | 17 | \$0 | HEWITT | 9 | 0 | \$94,600 | KERKHOVEN | 8 | 17 | \$4,000 |
| GOOD THUNDER | 10 | 589 | \$0 | HIBBING | 75 | 2,597 | \$424,520 | KERRICK | 3 | 1 | \$275,000 |
| GOODHUE | 21 | 51 | \$480,200 | HILL CITY | 8 | 24 | \$25,300 | KETTLE RIVER | 13 | 2 | \$1,100 |
| GOODLAND TWP. | 3 | 15 | \$0 | HILLS | 7 | 11 | \$0 | KIESTER | 2 | 0 | \$0 |
| GOODRIDGE | 32 | 1 | \$23,200 | HINCKLEY | 30 | 39 | \$0 | KILKENNY | 6 | 0 | \$0 |
| GOODVIEW | 11 | 32 | \$2,500 | HITTERDAL | 4 | 3 | \$0 | KIMBALL | 21 | 116 | \$8,200 |
| GRACEVILLE | 9 | 3 | \$80,600 | HOFFMAN | 8 | 1 | \$0 | KINNEY-GREAT SCTT. | 1 | 0 | \$0 |
| GRAND LAKE TWP. | 28 | 113 | \$428,000 | HOKAH | 10 | 54 | \$11,000 | LACRESCENT | 8 | 250 | \$432,050 |
| GRAND MARAIS | 8 | 33 | \$0 | HOLDINGFORD | 12 | 77 | \$38,368 | LAFAYETTE | 3 | 27 | \$0 |
| GRAND MEADOW | 15 | 31 | \$42,000 | HOLLAND | 2 | 4 | \$250 | LAKE BENTON | 16 | 5 | \$0 |
| *GRAND PORTAGE | 0 | 0 | \$0 | HOLLANDALE | 9 | 2 | \$31,500 | LAKE BRONSON | 32 | 6 | \$58,000 |
| GRAND RAPIDS | 53 | 250 | \$703,304 | HOPKINS | 37 | 1,165 | \$69,762 | LAKE CITY | 21 | 68 | \$16,500 |
| GRANITE FALLS | 28 | 19 | \$115,650 | HOUSTON | 7 | 9 | \$80,902 | LAKE CRYSTAL | 22 | 41 | \$279,704 |
| GREANY.-RCH.-SVRDL. | 1 | 0 | \$0 | HOVLAND | 7 | 15 | \$21,000 | LAKE ELMO | 28 | 371 | \$431,500 |
| GREEN ISLE | 7 | 23 | \$50,500 | HOWARD LAKE | 20 | 59 | \$1,000 | LAKE HENRY | 10 | 7 | \$15,000 |
| GREENBUSH | 21 | 10 | \$151,000 | HOYT LAKES | 8 | 5 | \$10,000 | LAKE JOHANNA | 53 | 1,761 | \$2,892,204 |
| GREENWAY TWP. | 13 | 154 | \$0 | HUGO | 41 | 534 | \$7,000 | LAKE LILLIAN | 12 | 10 | \$0 |
| GREENWOOD TWP. | 14 | 107 | \$8,500 | HUTCHINSON | 61 | 376 | \$458,071 | LAKE PARK | 9 | 10 | \$0 |
| GROVE CITY | 15 | 14 | \$316,500 | IDEAL TWP. | 12 | 100 | \$8,000 | LAKE WILSON | 5 | 4 | \$7,500 |
| *GRYGLA | 0 | 0 | \$0 | INDUSTRIAL | 16 | 38 | \$55,000 | LAKEFIELD | 18 | 27 | \$53,500 |
| GUNFLINT TRAIL | 1 | 0 | \$0 | INT'L. FALLS | 19 | 1,037 | \$196,700 | LAKELAND TWP. | 4 | 35 | \$0 |
| HACKENSACK | 10 | 7 | \$191,600 | INVER GROVE HGTS. | 87 | 1,158 | \$1,500 | LAKEVILLE | 112 | 768 | \$521,610 |
| HALLOCK | 19 | 17 | \$203,000 | *IONA | 0 | 0 | \$0 | LAKEWOOD TWP. | 20 | 97 | \$11,000 |
| HALSTAD | 8 | 5 | \$0 | IRONTON | 3 | 5 | \$1,250 | LAMBERTON | 9 | 11 | \$190,100 |
| HAM LAKE | 23 | 384 | \$340,000 | ISANTI | 36 | 669 | \$67,050 | LANCASTER | 2 | 0 | \$0 |
| HAMBURG | 13 | 38 | \$0 | ISLE | 22 | 31 | \$370,600 | LANESBORO | 11 | 11 | \$20,500 |
| HAMEL | 32 | 175 | \$30,000 | ITASCA TWP | 0 | 2 | \$0 | LAPORTE/LAKEPORT | 16 | 15 | \$125,200 |
| HANCOCK | 8 | 6 | \$134,000 | IVANHOE | 5 | 1 | \$0 | LASALLE | 3 | 1 | \$0 |
| HANLEY FALLS | 5 | 3 | \$301,700 | JACKSON | 9 | 35 | \$63,000 | LEAF VALLEY TWP. | 7 | 4 | \$12,500 |
| HANOVER | 29 | 106 | \$13,000 | JACOBSON | 3 | 13 | \$1,200 | LECENTER | 12 | 27 | \$75,400 |
| HANSKA | 6 | 16 | \$11,000 | JANESVILLE | 23 | 153 | \$160,660 | LEROY | 13 | 18 | \$86,600 |
| HARDWICK | 12 | 11 | \$176,050 | JASPER | 10 | 6 | \$323,000 | LESTER PRAIRIE | 15 | 126 | \$50,500 |
| HARMONY | 13 | 12 | \$19,500 | JEFFERS | 7 | 7 | \$0 | LESUEUR | 13 | 6 | \$457,000 |
| HARRIS | 3 | 0 | \$17,500 | JORDAN | 21 | 101 | \$0 | LEWISTON | 18 | 35 | \$970,856 |
| HARTLAND | 2 | 0 | \$0 | KABETOGEA | 3 | 1 | \$120,700 | LEWISVILLE | 4 | 0 | \$0 |
| HASTINGS | 101 | 463 | \$5,713,811 | KANDIYOHI | 13 | 58 | \$13,000 | LEXINGTON | 12 | 169 | \$0 |

| <u>City</u> | <u>Total Fire Runs</u> | <u>Total Other Runs</u> | <u>Dollar Loss</u> | <u>City</u> | <u>Total Fire Runs</u> | <u>Total Other Runs</u> | <u>Dollar Loss</u> | <u>City</u> | <u>Total Fire Runs</u> | <u>Total Other Runs</u> | <u>Dollar Loss</u> |
|---------------------|----------------------------|-----------------------------|------------------------|-----------------------|----------------------------|-----------------------------|------------------------|-------------------|----------------------------|-----------------------------|------------------------|
| LINDSTROM | 22 | 43 | \$55,000 | MCDAVITT | 2 | 10 | \$1,300 | NERSTRAND | 4 | 0 | \$75,000 |
| LINWOOD TWP. | 18 | 173 | \$348,000 | MCGRATH | 9 | 0 | \$0 | NEVIS | 13 | 0 | \$16,550 |
| LISMORE | 1 | 1 | \$0 | MCGREGOR | 31 | 84 | \$145,350 | NEW AUBURN | 4 | 15 | \$945 |
| LITCHFIELD | 44 | 55 | \$532,150 | MCINTOSH | 8 | 8 | \$80,000 | NEW BRIGHTON | 90 | 214 | \$561,530 |
| LITTLE CANADA | 58 | 166 | \$36,125 | MCKINLEY | 1 | 0 | \$0 | NEW GERMANY | 6 | 39 | \$100 |
| LITTLE FALLS | 43 | 71 | \$247,000 | MDEWAKANTON | 25 | 1,560 | \$145 | NEW LONDON | 41 | 47 | \$55,100 |
| LITTLEFORK | 11 | 11 | \$195,350 | MEADOWLANDS | 10 | 10 | \$35,000 | NEW MARKET | 16 | 214 | \$713,901 |
| LOMAN | 4 | 1 | \$95,000 | MEDFORD | 15 | 70 | \$150,700 | NEW MUNICH | 0 | 0 | \$0 |
| LONDON TWP. | 6 | 7 | \$131,000 | MEDICINE LAKE | 1 | 8 | \$0 | NEW PRAGUE | 23 | 131 | \$500,000 |
| LONG LAKE | 34 | 361 | \$238,092 | MELROSE | 21 | 80 | \$405,061 | NEW RICHLAND | 14 | 107 | \$3,350 |
| LONG PRAIRIE | 45 | 70 | \$90,400 | MENAHGA | 14 | 16 | \$395,000 | NEW ULM | 49 | 73 | \$273,025 |
| LONGVILLE | 5 | 13 | \$87,000 | MENDOTA HGTS. | 19 | 218 | \$135,774 | NEW YORK MILLS | 23 | 175 | \$108,000 |
| LONSDALE | 17 | 3 | \$220,800 | MENTOR | 16 | 67 | \$0 | NEWFOLDEN | 29 | 14 | \$2,800 |
| LORETTO | 33 | 179 | \$74,000 | MIDDLE RIVER | 14 | 2 | \$70,000 | NEWPORT | 20 | 71 | \$294,000 |
| *LOUISBURG | 0 | 0 | \$0 | MIESVILLE | 22 | 49 | \$38,120 | NICOLLET | 16 | 78 | \$194,700 |
| LWR. ST. CROIX VLY. | 23 | 421 | \$142,596 | MILACA | 47 | 66 | \$262,606 | NIELSVILLE | 2 | 0 | \$0 |
| LOWRY | 10 | 7 | \$4,400 | MILAN | 5 | 1 | \$0 | NISSWA | 24 | 48 | \$58,000 |
| LUCAN | 1 | 3 | \$0 | MILLERVILLE | 16 | 0 | \$42,500 | NODINE | 11 | 61 | \$149,750 |
| LUTSEN | 7 | 8 | \$105,050 | MILROY | 4 | 0 | \$0 | NORMANNA TWP. | 13 | 10 | \$122,000 |
| LUVERNE | 40 | 44 | \$980,050 | MILTONA | 8 | 60 | \$0 | NORTH BRANCH | 42 | 75 | \$550,400 |
| LYLE | 10 | 9 | \$123,500 | MINNEAPOLIS | 1,363 | 35,648 | \$20,235,279 | NORTH MANKATO | 31 | 102 | \$18,500 |
| LYND | 10 | 0 | \$1,700 | MINNEOTA | 18 | 22 | \$361,500 | NORTH ST. PAUL | 48 | 1,055 | \$150,300 |
| MABEL | 4 | 10 | \$0 | MINNESOTA CITY | 4 | 12 | \$0 | NORTH STAR TWP. | 6 | 14 | \$0 |
| MADELIA | 11 | 12 | \$32,500 | MINNESOTA LAKE | 9 | 44 | \$28,000 | NE SHERBURNE | 33 | 167 | \$0 |
| MADISON | 14 | 4 | \$1,000 | MINNETONKA | 76 | 1,574 | \$736,481 | NORTHFIELD | 69 | 192 | \$1,862,900 |
| MADISON LAKE | 12 | 72 | \$362,800 | MISSION TWP. | 7 | 96 | \$201,000 | NORTHLAND TWP. | 6 | 16 | \$490,000 |
| MAGNOLIA | 6 | 5 | \$0 | MONTEVIDEO | 37 | 22 | \$166,300 | NORTHOME | 3 | 10 | \$0 |
| MAHNOMEN | 23 | 17 | \$90,000 | MONTGOMERY | 14 | 33 | \$120,700 | NORTHRUP | 0 | 2 | \$0 |
| MAHTOMEDI | 35 | 837 | \$4,047,410 | MONTICELLO | 44 | 188 | \$151,400 | NORWD.-YNG. AMER. | 18 | 211 | \$68,000 |
| MAHTOWA | 18 | 43 | \$47,719 | MONTROSE | 25 | 232 | \$105,300 | OAK GROVE | 24 | 52 | \$370,002 |
| MAKINEN | 1 | 1 | \$0 | MOORHEAD | 90 | 3,254 | \$15,211,345 | OAKDALE | 84 | 1,988 | \$863,489 |
| MANCHESTER | 2 | 8 | \$0 | MOOSE LAKE | 22 | 336 | \$3,202 | ODESSA | 12 | 3 | \$0 |
| MANKATO | 122 | 1,994 | \$164,100 | MORA | 51 | 33 | \$2,046,700 | ODIN | 8 | 26 | \$52,000 |
| MANTORVILLE | 11 | 67 | \$160,200 | MORGAN | 1 | 5 | \$2,000 | OGEMA | 15 | 3 | \$0 |
| MAPLE GROVE | 129 | 766 | \$1,652,804 | MORRIS | 19 | 47 | \$25,000 | OGILVIE | 15 | 7 | \$444,000 |
| MAPLE HILL | 4 | 6 | \$2,000 | MORRISTOWN | 10 | 6 | \$20,000 | OKABENA | 2 | 0 | \$0 |
| MAPLE LAKE | 41 | 77 | \$154,000 | MORSE FALL LAKE | 16 | 22 | \$585,500 | OKLEE | 2 | 0 | \$1,000 |
| MAPLE PLAIN | 21 | 247 | \$0 | MORTON | 3 | 2 | \$1,000 | OLIVIA | 3 | 21 | \$0 |
| MAPLETON | 17 | 109 | \$0 | MOTLEY | 26 | 104 | \$91,000 | ONAMIA | 21 | 33 | \$91,800 |
| MAPLEVIEW | 1 | 1 | \$0 | MOUND | 31 | 523 | \$168,900 | ORMSBY | 8 | 11 | \$698,200 |
| MAPLEWOOD | 118 | 4,183 | \$1,340,409 | MOUNTAIN IRON | 3 | 17 | \$0 | ORONOCO | 3 | 51 | \$0 |
| MARIETTA | 8 | 2 | \$147,000 | MOUNTAIN LAKE | 15 | 13 | \$16,500 | ORR | 12 | 25 | \$3,500 |
| MARINE ON ST. CRX. | 11 | 86 | \$7,420 | MPLS./STP. INT. ARPT. | 47 | 2,338 | \$18,100 | ORTONVILLE | 2 | 6 | \$0 |
| MARSHALL | 52 | 83 | \$2,862,033 | MURDOCK | 2 | 2 | \$0 | OSAKIS | 21 | 29 | \$920,700 |
| MAYER | 12 | 66 | \$3,150 | MYRTLE | 3 | 2 | \$7,600 | OSLO | 5 | 28 | \$0 |
| MAYNARD | 13 | 17 | \$217,000 | NASHWAUK | 16 | 39 | \$44,750 | OSSEO | 26 | 291 | \$0 |
| MAZEPPA | 12 | 2 | \$19,100 | NASSAU | 2 | 0 | \$11,592 | OSTRANDER | 2 | 2 | \$0 |

| <u>City</u> | <u>Total Fire Runs</u> | <u>Total Other Runs</u> | <u>Dollar Loss</u> | <u>City</u> | <u>Total Fire Runs</u> | <u>Total Other Runs</u> | <u>Dollar Loss</u> | <u>City</u> | <u>Total Fire Runs</u> | <u>Total Other Runs</u> | <u>Dollar Loss</u> |
|-------------------|----------------------------|-----------------------------|------------------------|-----------------|----------------------------|-----------------------------|------------------------|-------------------|----------------------------|-----------------------------|------------------------|
| OTTERTAIL | 4 | 21 | \$0 | RIDGEWAY COMM. | 11 | 2 | \$0 | SOLWAY TWP. | 12 | 75 | \$565,000 |
| OWATONNA | 83 | 348 | \$749,555 | ROBBINSDALE | 88 | 256 | \$0 | SOUTH BEND | 9 | 24 | \$181,055 |
| PALISADE | 6 | 1 | \$0 | ROCHESTER ARPT. | 0 | 28 | \$0 | SOUTH HAVEN | 13 | 96 | \$0 |
| PALO TWP. | 5 | 82 | \$0 | ROCHESTER | 205 | 7,591 | \$887,840 | SOUTH METRO | 166 | 4,834 | \$413,001 |
| PARK RAPIDS | 39 | 27 | \$1,178,535 | ROCKFORD | 21 | 274 | \$0 | SPICER | 16 | 37 | \$0 |
| PARKERS PRAIRIE | 10 | 8 | \$700,000 | ROCKVILLE | 21 | 84 | \$150,000 | SPRING GROVE | 3 | 14 | \$0 |
| PAYNESVILLE | 43 | 55 | \$1,342,200 | ROGERS | 43 | 473 | \$490,500 | SPRING VALLEY | 11 | 20 | \$303,700 |
| PELICAN RAPIDS | 11 | 11 | \$0 | ROLLINGSTONE | 6 | 5 | \$0 | SPRINGFIELD | 6 | 22 | \$0 |
| PEMBERTON | 8 | 17 | \$8,000 | ROSE CREEK | 8 | 5 | \$0 | SQUAW LAKE | 1 | 40 | \$0 |
| PENNOCK | 5 | 1 | \$0 | ROSEAU | 38 | 53 | \$267,000 | ST. ANTHONY | 40 | 1,227 | \$378,782 |
| PEQUAYWAN LAKE | 2 | 5 | \$180,000 | ROSEMOUNT | 42 | 670 | \$1,066,500 | ST. AUGUSTA | 22 | 61 | \$114,760 |
| PEQUOT LAKES | 26 | 65 | \$385,000 | ROSEVILLE | 97 | 4,078 | \$2,981,285 | ST. BONIFACIUS | 9 | 118 | \$334,200 |
| PERHAM | 33 | 97 | \$203,915 | ROTHSAY | 13 | 59 | \$28,120 | ST. CHARLES | 21 | 28 | \$16,700 |
| PERLEY-LEE TWP. | 10 | 4 | \$0 | ROUND LAKE | 4 | 1 | \$800 | ST. CLAIR | 12 | 64 | \$125,500 |
| PICKWICK AREA | 8 | 51 | \$59,400 | ROYALTON | 12 | 10 | \$0 | ST. CLOUD | 249 | 4,166 | \$3,115,132 |
| PIERZ | 39 | 24 | \$205,200 | RUSH CITY | 33 | 41 | \$0 | ST. FRANCIS | 41 | 369 | \$217,560 |
| PIKE-SANDY-BRITT | 17 | 104 | \$770,000 | RUSHFORD | 10 | 31 | \$134,650 | ST. HILLAIRE | 11 | 24 | \$0 |
| PILLAGER | 18 | 188 | \$7,275 | RUSHMORE | 13 | 25 | \$322,900 | ST. JAMES | 20 | 21 | \$345,401 |
| PINE CITY | 48 | 89 | \$732,975 | RUSSELL | 14 | 0 | \$0 | ST. JOHN'S UNIV. | 5 | 287 | \$5,075 |
| PINE ISLAND | 22 | 224 | \$0 | RUTHTON | 3 | 3 | \$338,751 | ST. JOSEPH | 32 | 288 | \$449,710 |
| PINE RIVER | 19 | 24 | \$75,000 | SABIN-ELMWOOD | 14 | 6 | \$10,000 | ST. LEO | 4 | 2 | \$0 |
| PIPESTONE | 26 | 48 | \$797,600 | SACRED HEART | 7 | 2 | \$1,006 | ST. LOUIS PARK | 176 | 4,258 | \$1,099,390 |
| PLAINVIEW | 8 | 33 | \$7,500 | SANBORN | 6 | 1 | \$0 | ST. MARTIN | 9 | 29 | \$80,000 |
| PLATO | 13 | 31 | \$0 | SANDSTONE | 27 | 116 | \$276,250 | ST. MICHAEL | 31 | 245 | \$5,201 |
| PLUMMER | 13 | 17 | \$369,500 | SARTELL/LESAUK | 26 | 86 | \$78,016,507 | ST. PAUL | 1,341 | 13,830 | \$7,119,877 |
| PLYMOUTH | 167 | 1,207 | \$1,698,750 | SAUK CENTRE | 26 | 58 | \$101,000 | ST. PAUL PARK | 22 | 79 | \$22,500 |
| PORTER | 6 | 11 | \$30,000 | SAUK RAPIDS | 49 | 137 | \$0 | ST. PETER | 22 | 51 | \$353,300 |
| PRESTON | 4 | 6 | \$300,000 | SAVAGE | 46 | 333 | \$722,100 | ST. STEPHEN | 12 | 64 | \$80,000 |
| PRINCETON | 67 | 200 | \$554,600 | SBM | 171 | 1,034 | \$2,135,296 | STACY | 22 | 25 | \$6,000 |
| PRINSBURG | 3 | 3 | \$2,500 | SCANDIA | 24 | 191 | \$50,000 | STAPLES | 21 | 38 | \$112,403 |
| PRIOR LAKE | 74 | 404 | \$286,994 | SCANDIA VALLEY | 4 | 9 | \$109,000 | STARBUCK | 1 | 0 | \$0 |
| PROCTOR | 23 | 302 | \$43,000 | SCHROEDER | 1 | 0 | \$0 | STEPHEN | 16 | 29 | \$287,500 |
| RAMSEY | 50 | 316 | \$0 | SEAFORTH | 1 | 0 | \$0 | STEWART | 9 | 0 | \$136,750 |
| RANDALL | 10 | 88 | \$8,750 | SEBEKA | 30 | 10 | \$342,000 | STEWARTVILLE | 23 | 373 | \$175,950 |
| RANDOLPH-HMPTN. | 29 | 110 | \$86,625 | SEDAN | 6 | 3 | \$0 | STILLWATER | 65 | 1,689 | \$932,422 |
| *RANGE REG. ARPT. | 0 | 0 | \$0 | SHAFFER | 16 | 71 | \$0 | STORDEN | 3 | 0 | \$0 |
| RAYMOND | 8 | 0 | \$60,600 | SHAKOPEE | 98 | 486 | \$1,982,975 | STURGEON LAKE | 7 | 53 | \$0 |
| RED LAKE | 5 | 0 | \$296,000 | SHELLY | 1 | 2 | \$0 | SUNBURG | 9 | 15 | \$0 |
| RED LAKE FALLS | 21 | 7 | \$62,900 | SHERBURN | 11 | 16 | \$58,500 | SWANVILLE | 8 | 0 | \$117,500 |
| RED WING | 42 | 828 | \$370,499 | SHEVLIN | 16 | 6 | \$1,200 | TACONITE | 3 | 27 | \$0 |
| REDWOOD FALLS | 15 | 18 | \$152,796 | SILICA AREA | 0 | 12 | \$0 | TAUNTON | 6 | 0 | \$0 |
| REMER | 10 | 8 | \$351,150 | SILVER BAY | 19 | 45 | \$182,000 | TAYLORS FALLS | 5 | 0 | \$0 |
| RENVILLE | 6 | 8 | \$800 | SILVER LAKE | 18 | 120 | \$400,000 | THIEF RIVER FALLS | 60 | 141 | \$193,700 |
| RICE | 27 | 124 | \$353,695 | *SKYLINE | 0 | 0 | \$0 | THOMSN. TWP./ESKO | 19 | 169 | \$18,000 |
| RICE LAKE TWP. | 28 | 144 | \$797,000 | SLAYTON | 12 | 11 | \$27,250 | TINTAH | 6 | 5 | \$142,000 |
| RICHFIELD | 101 | 3,938 | \$475,215 | SLEEPY EYE | 15 | 11 | \$1,019,650 | TOFTE | 4 | 4 | \$0 |
| RICHMOND | 7 | 66 | \$31,000 | SOLWAY | 6 | 7 | \$77,500 | TOIVOLA TWP. | 6 | 15 | \$5,500 |

| <u>City</u> | <u>Total Fire Runs</u> | <u>Total Other Runs</u> | <u>Dollar Loss</u> | <u>City</u> | <u>Total Fire Runs</u> | <u>Total Other Runs</u> | <u>Dollar Loss</u> | <u>City</u> | <u>Total Fire Runs</u> | <u>Total Other Runs</u> | <u>Dollar Loss</u> |
|-----------------|----------------------------|-----------------------------|------------------------|----------------|----------------------------|-----------------------------|------------------------|------------------|----------------------------|-----------------------------|------------------------|
| TOWER | 7 | 7 | \$12,000 | WADENA | 32 | 10 | \$336,600 | WHITE EARTH | 1 | 0 | \$125,000 |
| TRACY | 38 | 53 | \$127,820 | WAITE PARK | 34 | 113 | \$0 | WILLIAMS | 10 | 0 | \$0 |
| TRIMONT | 11 | 6 | \$103,500 | WALDORF | 9 | 26 | \$40,000 | WILLMAR | 74 | 244 | \$511,400 |
| TRUMAN | 11 | 5 | \$1,800 | WALKER | 8 | 4 | \$70,000 | WILLOW RIVER | 13 | 134 | \$111,000 |
| *TWIN LAKES | 0 | 0 | \$0 | WALNUT GROVE | 12 | 9 | \$32,050 | WILMONT | 2 | 0 | \$0 |
| TWIN LAKES VOL. | 31 | 14 | \$305,750 | WALTERS | 4 | 4 | \$0 | WILSON TWP. | 4 | 6 | \$0 |
| TWIN VALLEY | 23 | 7 | \$234,300 | WANAMINGO | 13 | 6 | \$26,050 | WINDOM | 26 | 28 | \$0 |
| TWO HARBORS | 29 | 99 | \$291,200 | WANDA | 5 | 0 | \$40,000 | WINGER | 1 | 0 | \$0 |
| TYLER | 11 | 0 | \$0 | WARBA | 7 | 41 | \$0 | WINNEBAGO | 18 | 18 | \$137,500 |
| ULEN | 8 | 0 | \$0 | WARREN | 29 | 14 | \$210,850 | WINONA | 70 | 2,054 | \$68,502 |
| UNDERWOOD | 23 | 72 | \$0 | WARROAD | 16 | 22 | \$59,402 | WINSTED | 18 | 234 | \$9,500 |
| UPSALA | 9 | 6 | \$28,000 | WASECA | 54 | 612 | \$258,900 | WINTHROP | 21 | 19 | \$159,300 |
| USS EMER. SVCS. | 17 | 262 | \$30,000 | WATERTOWN | 19 | 267 | \$867,433 | WOLF LAKE | 26 | 8 | \$151,000 |
| VADNAIS HGTS. | 38 | 849 | \$613,400 | WATERVILLE | 13 | 144 | \$1,157,700 | WOLVERTON | 7 | 0 | \$385,508 |
| VERGAS | 18 | 17 | \$285,000 | WATKINS | 14 | 15 | \$307,250 | WOOD LAKE | 7 | 0 | \$337,000 |
| VERMILLION LAKE | 2 | 18 | \$0 | WATSON | 7 | 2 | \$0 | WOODBURY | 50 | 3,453 | \$3,061,472 |
| VERNDALE | 11 | 0 | \$418,100 | WAUBUN | 21 | 12 | \$328,805 | WOODSTOCK | 8 | 3 | \$10,000 |
| VERNON CENTER | 8 | 36 | \$166,000 | WAVERLY | 9 | 120 | \$790,500 | WORTHINGTON | 27 | 51 | \$91,900 |
| VESTA | 7 | 4 | \$5,000 | WAYZATA | 44 | 246 | \$32,200 | WRENSHALL | 31 | 65 | \$69,300 |
| VICTORIA | 8 | 201 | \$31,250 | WELCOME | 10 | 4 | \$23,500 | WRIGHT | 5 | 8 | \$0 |
| VIKING | 9 | 0 | \$65,000 | WELLS | 10 | 23 | \$162,000 | WYKOFF | 9 | 5 | \$160,000 |
| VILLARD | 7 | 18 | \$0 | WENDELL | 9 | 23 | \$9,000 | WYOMING | 39 | 268 | \$566,550 |
| VINING | 2 | 0 | \$0 | WEST CONCORD | 11 | 18 | \$450,000 | ZIMMERMN.-LVNIA. | 44 | 150 | \$93,138 |
| VIRGINIA | 52 | 3,335 | \$2,183,700 | WEST METRO | 169 | 1,174 | \$264,900 | ZUMBRO FALLS | 18 | 88 | \$132,800 |
| WABASHA | 2 | 66 | \$0 | WESTBROOK | 12 | 4 | \$235,000 | ZUMBROTA | 18 | 27 | \$430,650 |
| WABASSO | 6 | 3 | \$37,600 | WHEATON | 17 | 3 | \$9,000 | | | | |
| WACONIA | 34 | 310 | \$48,400 | WHITE BEAR LK. | 63 | 424 | \$1,035,310 | | | | |

*These fire departments reported as having no incident responses for 2012.