2009

Fire in Minnesota

Fire Reporting System

MINNESOTA DEPARTMENT OF PUBLIC SAFETY

STATE FIRE MARSHAL DIVISION
Jerry Rosendahl
State Fire Marshal

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MINNESOTA DEPARTMENT OF PUBLIC SAFETY

Office of the Commissioner

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Governor Pawlenty:

The State Fire Marshal Division of the Minnesota Department of Public Safety is pleased to present for your review this 21st edition of our annual report, *Fire in Minnesota 2009*. This data allows us to analyze fire causes and determine the best methods of public education and code enforcement to improve fire safety in our state.

The year 2009 was the first year in which every fire department in Minnesota was able to report their data online, using software purchased by the State Fire Marshal Division in 2008. In 67 counties, 100 percent of fire departments reported 2009 data. Overall, 97 percent of fire departments reported last year — a three percent increase over the previous year, and an indication that the electronic reporting system is being well received.

Here are a few highlights from *Fire in Minnesota 2009*:

- One fire was reported every 34 minutes, on average; one arson fire took place every seven hours.
- One EMS/rescue run took place every four minutes.
- Dollar loss from fire averaged $397 per minute around-the-clock in 2009.
- Our 35 fire deaths represented a 33 percent drop from 2008 figures — and 35 fire deaths too many.
- Cooking, heating, and open flames were the top three causes of fires, with arson running a close fourth, and cooking far in the lead at 49 percent.

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

Sincerely,

Michael Campion, Commissioner

EQUAL OPPORTUNITY EMPLOYER

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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.

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From the desk of State Fire Marshal Jerry Rosendahl

Welcome to *Fire in Minnesota 2009*, our 21st annual report. In this report, Minnesota residents and visitors are provided with detailed data on the incidents to which 758 of Minnesota's fire departments responded, creating a picture of the impact of fire in our state. *Fire in Minnesota 2009* identifies problem areas which can be addressed by changes to fire and building codes, as well as by public education campaigns. It also provides an opportunity to compare statewide data to your own community's fire safety record.

The 35 fire deaths in 2009 represent a record low. While 35 deaths is 35 too many, the number reflects a continuing downward trend in fire deaths in our state and across the country. In 2009, 43 percent of those deaths occurred among persons over the age of 60. We all have a personal responsibility to prevent unsafe behavior, but we need to pay special attention to our senior citizens. Whether they be family or friends - help stop that unsafe behavior!

For several years, the number of actual fires in Minnesota has been dropping while the total number of fire department requests for service has been increasing. Both of those trends reversed themselves in 2009. Our hope is that the number of actual fires resume their decline as in previous years.

Cooking, heating and open flame again top the list of fire causes in structures. The three leading factors in cooking fires (the number-one cause of structure fires) are unattended equipment, combustibles too close to a heat source, and heat sources accidently turned on. Each one of these is the result of unsafe personal behavior that can be corrected by you and me.

This report also details the 78 times that fire sprinklers activated and saved buildings. It lists the 1,268 reported arson fires by county and lists the fire departments that responded with mutual aid to other communities in need of help, which totaled 6,370 incidents. There is so much information in this report - I guarantee that you'll find something you didn't know!

My gratitude goes to the State Fire Marshal Division staff that produced *Fire in Minnesota 2009* and to the 758 fire departments that reported their data this year. The 27 departments that did not report are listed on the back page; they will receive special attention to assure their participation in this report next year.

Jerry Rosendahl
Minnesota State Fire Marshal

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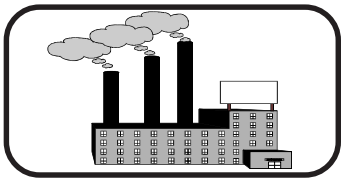
If you would like a copy of this document in an alternate format, please contact Pat Bell at 651-201-7203.

4,994 **RESIDENTIAL**

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

562 **PUBLIC AND MERCANTILE**

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

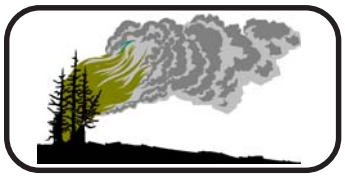


1,024 **INDUSTRIAL, MANUFACTURING AND OTHER BUILDINGS**

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

2,676 **MOBILE PROPERTY**

(Automobiles, trucks, trains, buses, boats)



6,191 **OUTSIDE AND OTHER**

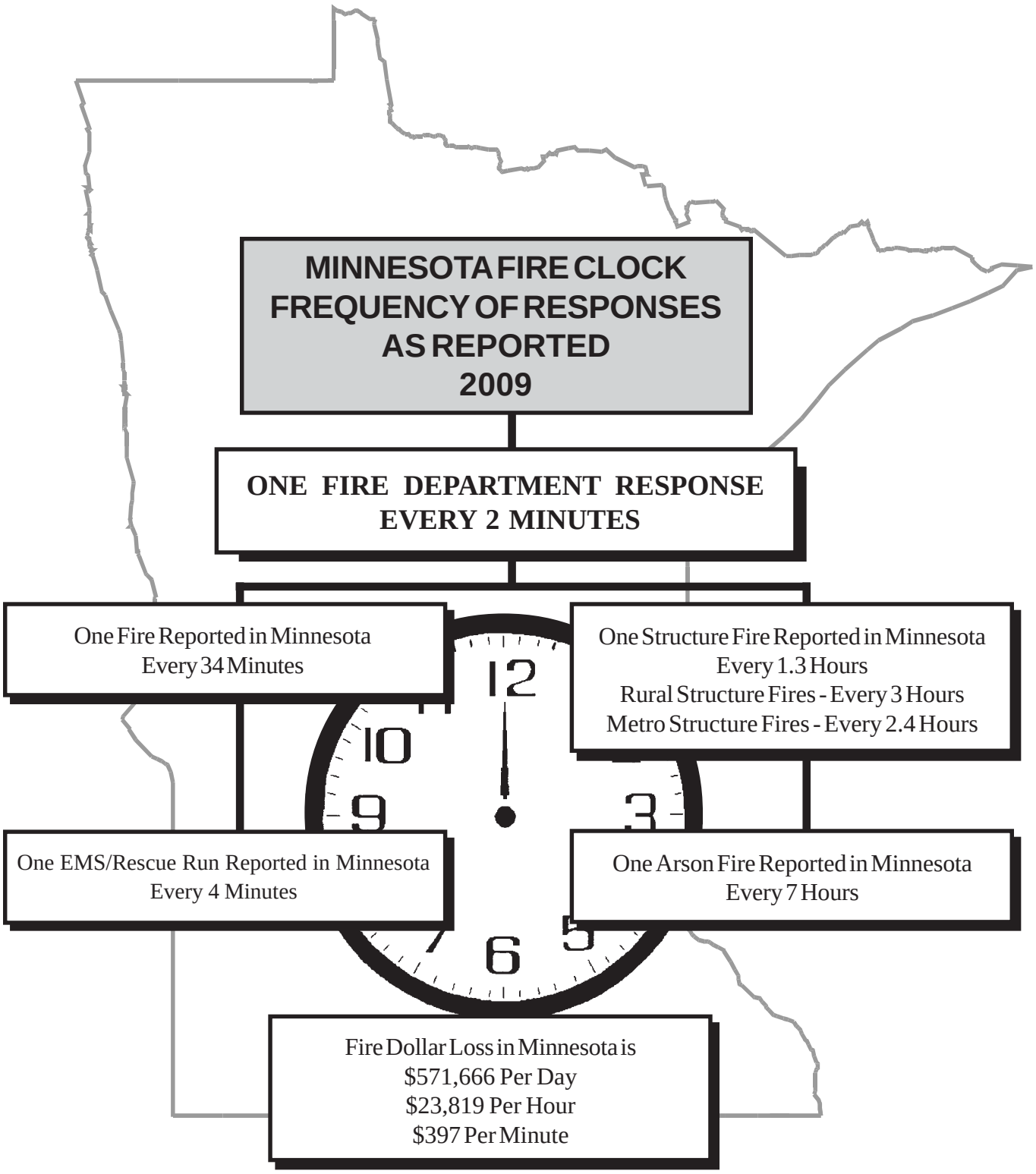
(Dumpsters, trash, wildland, grass, trees)

15,447 **TOTAL FIRES**

$208,658,176 **TOTAL DOLLAR LOSS**

TOTAL IMPACT

Photo by Denise DeMars



These figures represent the collective incidents reported by 758 of Minnesota's 785 fire departments.

Ninety-seven percent of the state's fire departments reported through the MFIRS program.

OVERALL STATE TOTALS

In 2009, 758 of the state's 785 fire departments (97 percent 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 42, for a breakdown of reporting and non-reporting departments.

2009 REPORTED FIRE DEPARTMENT RESPONSES

Incidents Reported	Seven County Metro Area	% State Total	Balance of State	% State Total	State Total
Structure Fires	3,678	56%	2,902	44%	6,580
Vehicle Fires	1,336	50%	1,340	50%	2,676
Other Fires	2,778	45%	3,413	55%	6,191
TOTAL FIRES	**7,792**	**50%**	**7,655**	**50%**	**15,447**
RESCUE/EMS CALLS	**83,824**	**67%**	**40,687**	**33%**	**124,511**
FALSE CALLS	**17,473**	**71%**	**7,041**	**29%**	**24,514**
MUTUAL AID GIVEN	**2,196**	**34%**	**4,174**	**66%**	**6,370**
OTHER INCIDENTS	**29,869**	**65%**	**16,233**	**35%**	**46,102**
TOTAL CALLS	**141,154**	**65%**	**75,790**	**35%**	**216,944**
Estimated Dollar Loss Due to Fire	**$76,542,042**	**37%**	**$132,116,134**	**63%**	**$208,658,176**

The total number of fire incidents reported by participating Minnesota fire departments in 2009 was 15,447, which represents a 3% increase from 2008. The number of responses by the fire service decreased slightly in 2009 to 216,944.

Total dollar loss decreased by nearly $8 million from 2008.

Total dollar loss decreased by nearly $8 million (4%) from 2008. The types of calls that increased in 2009 were other fires (not structure or vehicle), service calls, good intent calls, and mutual aid given.

FIVE-YEAR OVERALL INCIDENT COMPARISONS 2005-2009

	2005	2006	2007	2008	2009	08/09 Change + (-)	08/09 % Change + (-)
FIRES							
Structure	7,026	6,953	7,316	7,106	6,580	(526)	(7%)
Vehicle	3,404	3,173	3,233	2,832	2,676	(156)	(6%)
Other Fires	5,871	7,323	6,799	5,028	6,191	1,163	23%
TOTAL FIRES	**16,301**	**17,449**	**17,348**	**14,966**	**15,447**	**481**	**3%**
OVERPRESSURE RUPTURES	**801**	**628**	**643**	**631**	**541**	**(90)**	**(14%)**
RESCUE/EMS CALLS	**104,509**	**106,785**	**118,260**	**125,238**	**124,511**	**(727)**	**(1%)**
HAZARDOUS CONDITION CALLS	**11,742**	**10,147**	**12,172**	**11,227**	**10,143**	**(1,089)**	**(10%)**
SERVICE CALLS	**12,362**	**11,850**	**12,565**	**13,434**	**13,793**	**359**	**3%**
GOOD INTENT CALLS	**16,770**	**16,977**	**19,653**	**20,225**	**20,793**	**568**	**3%**
FALSE CALLS							
Malicious	1,871	1,861	1,756	1,666	1,437	(229)	(14%)
Other False	24,088	23,104	24,730	23,960	23,077	(883)	(4%)
TOTAL FALSE CALLS	**25,959**	**24,965**	**26,486**	**25,626**	**24,514**	**(1,112)**	**(4%)**
MUTUAL AID GIVEN	**5,005**	**5,554**	**6,447**	**5,986**	**6,370**	**384**	**6%**
ALL OTHER	**1,591**	**885**	**1,381**	**1,198**	**832**	**(666)**	**(56%)**
TOTAL CALLS	**195,040**	**195,240**	**214,955**	**218,531**	**216,944**	**(1,587)**	**(1%)**
TOTAL DOLLAR LOSS	**$160.2M**	**$182.0M**	**$173.0M**	**$216.4M**	**$208.7M**	**($7.7M)**	**(4%)**

For each of the last five years, residential structure fires have occurred at the rate of one for every 1,029 Minnesotans.

STRUCTURE FIRES BY PROPERTY TYPE

Fires in structures 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 5,151 fires have occurred in residential structures. These figures indicate that each year, one residential structure fire occurs for every 1,029 Minnesota residents.

Structure Fires by Property Type
2005 - 2009

	2005	2006	2007	2008	2009	% Increase (Decrease) 2008-2009
Residential	5,043	4,997	5,395	5,330	4,994	(6%)
Educational/ Institutional	195	180	214	193	175	(9%)
Public Assembly/ Commercial	512	405	389	418	387	(7%)
Industrial/ Manufacturing	256	286	246	288	217	(25%)
Storage	769	779	789	670	572	(15%)
Special/Other	167	226	221	168	195	16%
Unclassified	84	80	62	39	40	3%
TOTAL	**7,026**	**6,953**	**7,316**	**7,106**	**6,580**	**(7%)**

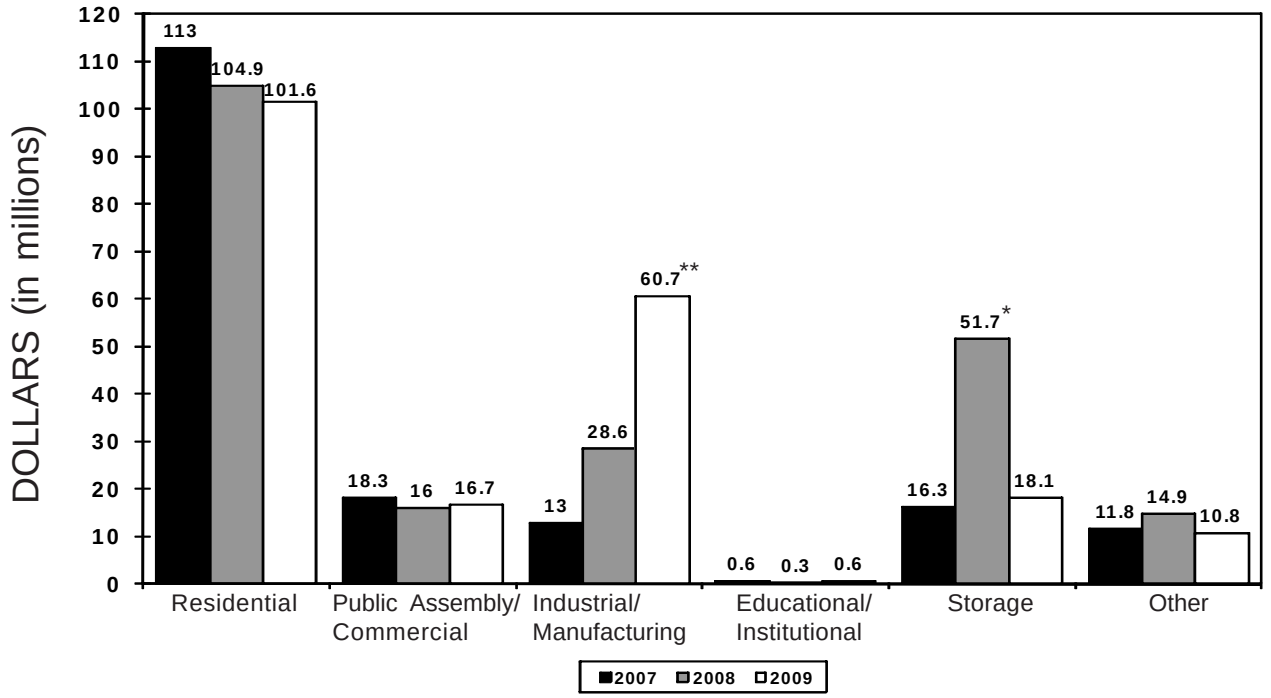
2009 RESIDENTIAL STRUCTURE FIRES

Type of Residence	No. of Fires	Dollar Loss	Civilian Injuries	Civilian Deaths
One-Two Family Dwelling	3,077	$80,063,111	105	20
Multi-Family Dwelling	1,675	$17,147,443	72	4
Dormitory/Sorority/Fraternity	33	$275	0	0
Hotel/Motel	30	$890,000	0	0
Residential Board & Care	27	$75,660	0	0
Boarding/Rooming House	35	$298,900	1	0
Residential, Other	117	$2,284,350	0	0

OVERALL STATEWIDE DOLLAR LOSS

Average dollar loss per structure fire was over $29,000.

DOLLAR LOSS BY PROPERTY TYPE



*Includes one $23 million storage facility fire and one $10 million grain elevator fire
**Includes one $45 million food processing plant fire

The 2009 dollar loss in residential property decreased by $3.3 million from 2008 while total dollar loss decreased by 4%. Residential fires accounted for 76% of all structure fires and 49% of total dollar loss.

The average dollar loss per structure fire in 2009 was over $29,000 per incident. The average dollar loss per residential structure fire was over $20,000 per incident.

Residential fires accounted for 49% of total dollar loss and represented 76% of all structure fires in 2009.

SPRINKLER SAVES

In 2009, there were 78 sprinkler "saves" in Minnesota. This means that every month in Minnesota, there were 6 to 7 fires extinguished by an automatic fire sprinkler system. These sprinkler activations saved 78 buildings from devastation by fire, minimized property loss, greatly reduced business interruption, and potentially saved lives.

Incident Date	Time	Service Name	Property Use
1/12/2009	4:22 AM	COLUMBIA HEIGHTS	Service station, gas station
1/13/2009	9:38 AM	CAMBRIDGE	Manufacturing, processing
1/16/2009	8:26 AM	EDINA	Motor vehicle or boat sales, services, repair
1/25/2009	2:55 AM	SPRING LAKE PARK	Warehouse
1/27/2009	10:52 AM	PLYMOUTH	Manufacturing, processing
2/5/2009	3:10 PM	SPRING LAKE PARK	Multi-family dwelling
2/10/2009	3:51 PM	ST PAUL	Clinics, doctors offices, hemodialysis cntr, other
2/18/2009	2:27 AM	SLEEPY EYE	High school/junior high school/middle school
2/21/2009	3:05 PM	MINNEAPOLIS	Boarding/rooming house, residential hotels
2/22/2009	1:12 PM	MINNEAPOLIS	Multi-family dwelling
2/22/2009	6:54 PM	MINNEAPOLIS	24-hour care Nursing homes, 4 or more persons
3/4/2009	5:07 AM	EDINA	Hotel/motel, commercial
3/5/2009	9:12 PM	ST CLOUD	Manufacturing, processing
3/6/2009	11:15 AM	EDINA	Multi-family dwelling
3/6/2009	11:51 AM	EDINA	Multi-family dwelling
3/7/2009	5:19 PM	ST PAUL	Mercantile, business, other
3/15/2009	3:21 PM	MINNEAPOLIS	Church, mosque, synagogue, temple, chapel
3/19/2009	12:11 PM	ST LOUIS PARK	High school/junior high school/middle school
3/21/2009	6:34 PM	ST LOUIS PARK	Multi-family dwelling
3/24/2009	9:48 PM	MINNEAPOLIS	Boarding/rooming house, residential hotels
3/27/2009	11:35 PM	BLOOMINGTON	Multi-family dwelling
3/27/2009	6:03 PM	PLYMOUTH	Multi-family dwelling
4/3/2009	11:09 PM	ROSEVILLE	Movie theater
4/5/2009	3:32 PM	BURNSVILLE	Multi-family dwelling
4/7/2009	8:23 AM	MANKATO	Multi-family dwelling
4/9/2009	3:27 PM	BLOOMINGTON	General retail, other
4/10/2009	12:43 PM	WHITE BEAR LAKE	Restaurant or cafeteria
5/2/2009	5:06 PM	BROOKLYN CENTER	Multi-family dwelling
5/8/2009	5:44 PM	EAGAN	Multi-family dwelling
5/10/2009	2:15 AM	DULUTH	Boarding/rooming house, residential hotels
5/11/2009	3:53 PM	SAUK RAPIDS	Boarding/rooming house, residential hotels
5/12/2009	3:39 PM	LAKEVILLE	Business office
5/24/2009	4:50 AM	BLOOMINGTON	Warehouse
5/25/2009	5:22 PM	MENDOTA HEIGHTS	Multi-family dwelling
5/30/2009	10:52 AM	EAGAN	Multi-family dwelling
5/31/2009	4:08 PM	SHAKOPEE	Multi-family dwelling
6/2/2009	9:46 AM	SOUTH METRO	Multi-family dwelling
6/10/2009	4:49 PM	WACONIA	Recreational, hobby, home repair sales, pet store
6/26/2009	7:04 PM	SOUTH METRO	Utility or Distribution system, other
7/1/2009	5:05 AM	PLYMOUTH	Manufacturing, processing
7/8/2009	11:53 AM	MPLS/ST PAUL INT'L AIRPORT	Airport passenger terminal
7/9/2009	3:54 AM	APPLE VALLEY	Specialty shop
7/20/2009	6:47 PM	SPRING LAKE PARK	1 or 2 family dwelling
7/22/2009	12:13 AM	ST CLOUD	Multi-family dwelling
7/24/2009	12:42 PM	MINNEAPOLIS	Manufacturing, processing
7/24/2009	3:09 PM	MINNEAPOLIS	General retail, other
7/28/2009	11:33 AM	GOLDEN VALLEY	Manufacturing, processing

Sprinkler Saves, Cont.

Incident Date	Time	Service Name	Property Use
7/28/2009	12:11 AM	MINNEAPOLIS	Multi-family dwelling
8/4/2009	9:40 AM	HOPKINS	Motor vehicle or boat sales, services, repair
8/6/2009	5:59 PM	LITTLE CANADA	Multi-family dwelling
8/10/2009	12:28 AM	MINNEAPOLIS	Multi-family dwelling
8/21/2009	6:49 AM	MINNEAPOLIS	General retail, other
8/27/2009	10:53 AM	TWO HARBORS	Manufacturing, processing
8/27/2009	9:48 PM	ST PAUL	1 or 2 family dwelling
8/29/2009	2:56 AM	DETROIT LAKES	Restaurant or cafeteria
8/31/2009	4:36 PM	MINNEAPOLIS	General retail, other
9/5/2009	10:46 PM	BLOOMINGTON	Manufacturing, processing
9/15/2009	9:29 PM	SAINT JOHN'S	Adult education center, college classroom
9/28/2009	1:44 PM	PRESTON	Outside or special property, other
10/6/2009	3:53 PM	ST CLOUD	Manufacturing, processing
10/12/2009	4:26 AM	MANKATO	Household goods, sales, repairs
11/1/2009	4:52 AM	BLOOMINGTON	Manufacturing, processing
11/6/2009	2:23 AM	SHAKOPEE	Manufacturing, processing
11/11/2009	3:47 PM	GRAND RAPIDS	Ind., utility, defense, agriculture, mining, other
11/11/2009	7:33 PM	MINNEAPOLIS	Warehouse
11/15/2009	5:10 PM	VIRGINIA	Boarding/rooming house, residential hotels
11/23/2009	11:41 PM	SPRING LAKE PARK	Multi-family dwelling
11/28/2009	9:34 AM	EDINA	Business office
12/2/2009	7:14 PM	DULUTH	Multi-family dwelling
12/8/2009	3:40 AM	LAKEVILLE	Movie theater
12/9/2009	1:31 PM	EAGAN	Textile, wearing apparel sales
12/10/2009	9:56 PM	BLOOMINGTON	Multi-family dwelling
12/11/2009	10:17 PM	WAITE PARK	Restaurant or cafeteria
12/12/2009	2:43 AM	SAUK RAPIDS	Manufacturing, processing
12/20/2009	11:35 AM	SOUTH METRO	Multi-family dwelling
12/21/2009	5:30 AM	ST PAUL	Warehouse
12/28/2009	2:01 PM	BURNSVILLE	Multi-family dwelling
12/31/2009	9:39 AM	PLYMOUTH	Manufacturing, processing

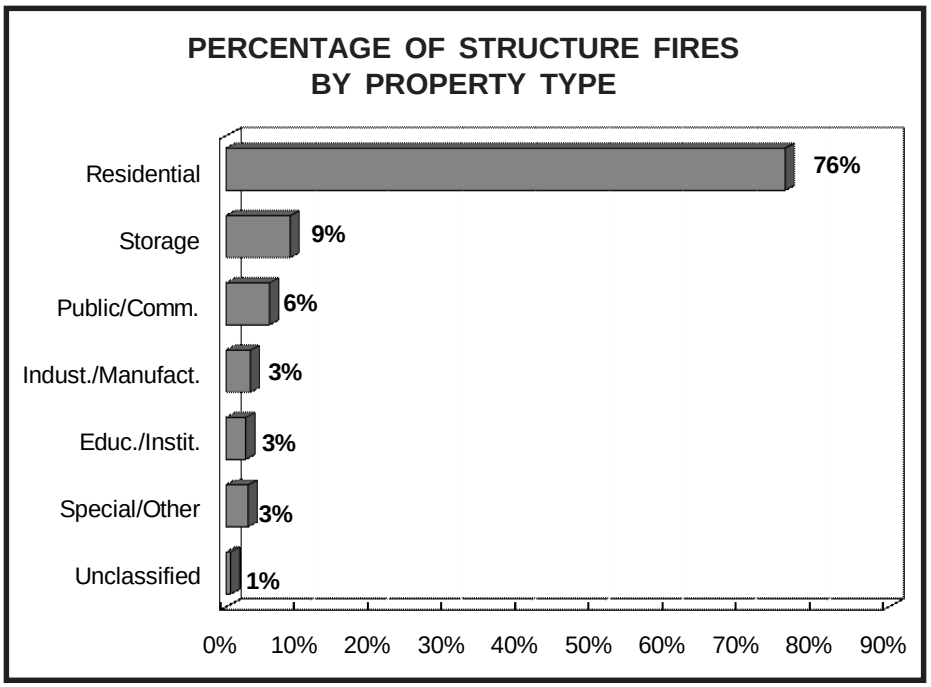
SUMMARY

*In the past 21 years, residential dollar loss totalled nearly **$1.6 billion** dollars.*

A increase of 3% in reporting by Minnesota fire departments brought the total number reporting to 758 (97%) of 785 departments. Also, the total number of fire incidents increased 3% from 2008. Dollar loss was nearly $209 million, an $8 million decrease from 2008.

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, 49% of total dollar loss, and 94% of all fire deaths in structures. These statistics continue to identify the home as the most dangerous place to be.



In the last 21 years, nearly **$3.3 billion** in property was destroyed by fire; 48%, or nearly **$1.6 billion**, occurred in residential property.

Ninety-four percent of structural fire deaths occurred in residential properties.

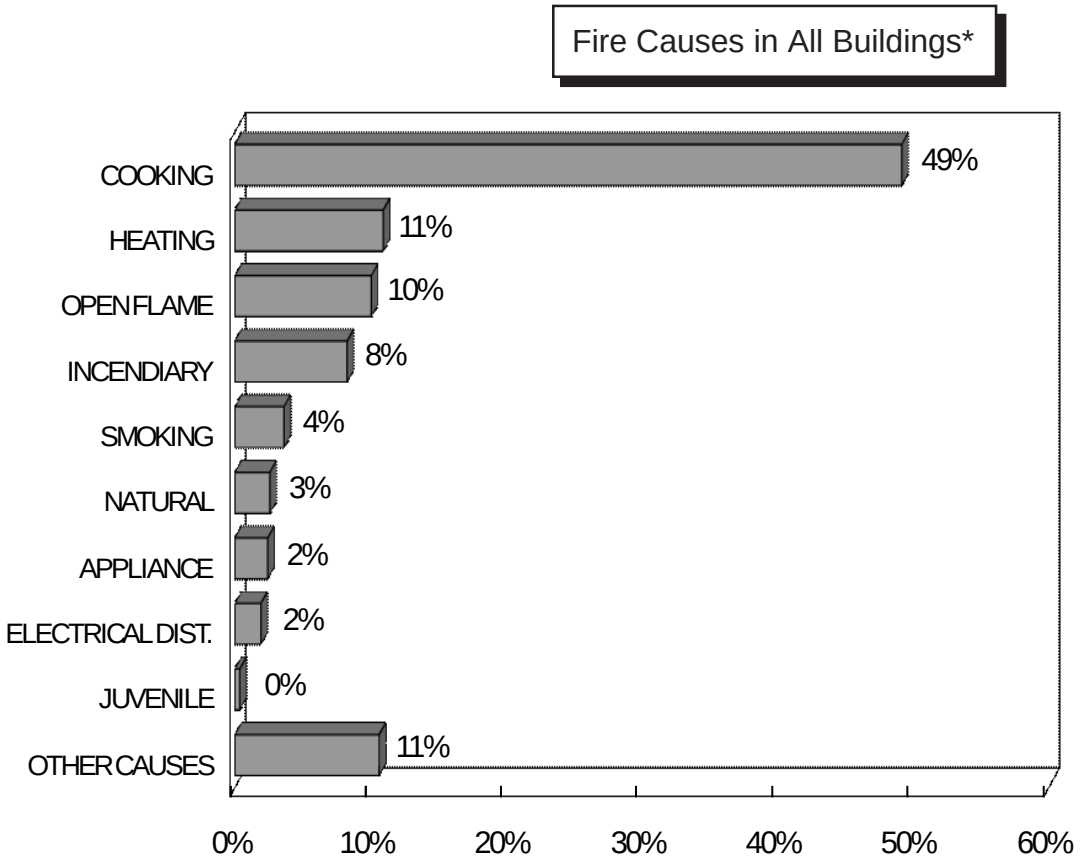
Active participation by all citizens in public education and fire prevention is the only way to stop the loss of life and property from fire. A practical example of fire prevention programs by civic groups and fire departments is implementation of programs to distribute and maintain smoke alarms among 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 service community has the responsibility to lead as well as respond.

CAUSES

Photo by Denise DeMars

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.



**Based solely on reports from fire departments where fire causes were identified.*

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

Cooking was the cause in 40% of residential fires.

Fires in residential property represented 76% of all structure fires and 49% of the total dollar loss. Fifty-four percent of incendiary fires occurred in residential properties, causing $2.57 million in property loss.

A statistical report of causes, developed by the National Fire Incident Reporting System (NFIRS), brought down the percentage of the "other causes" category, due to more complex evaluation of other fields in the report. However, complete, accurate reporting of all incidents is still necessary for these statistics to be useful in fire prevention.

A Closer Look at Major Fire Causes

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

Cooking Fires

The leading cause of structure fires in 2009 was cooking. Ninety-six percent of those fires were contained cooking fires. The top three known factors of the remaining cooking fires were: unattended equipment at 24%, combustibles too close at 22%, and equipment turned on accidentally at 11%. There were two cooking-related civilian fire deaths and 35 civilian injuries, as well as seven firefighter injuries. Dollar loss from cooking fires in 2009 totalled $1,741,458.

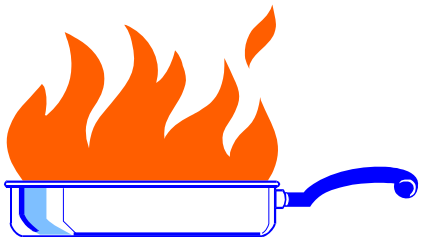
Heating Fires

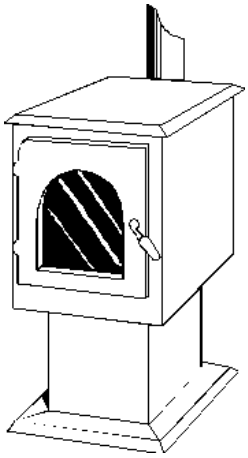
The majority of 2009 heating-related fires (401) occurred in residential properties. These fires decreased just slightly from last year (456 fires in 2008), but dollar loss decreased by 49%.

HEATING FIRES IN RESIDENTIAL PROPERTIES ONLY

Equipment	No. of Fire Incidents	% of Total	Dollar Loss	% of Total
Fireplace/Chimney	298	74%	$ 832,150	27%
Central Heating Units	43	11%	61,800	2%
Fixed Heating Units	29	7%	814,250	26%
Portable Heaters	20	5%	1,047,875	34%
Water Heaters	8	2%	360,000	12%
Other	3	1%	2,000	<1%
Total	**401**	**100%**	**$3,118,075**	**100%**

Seventy-four percent of all heating fires in residential properties occurred in the fireplace/chimney area.





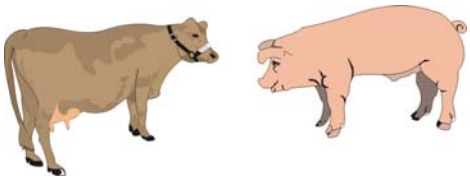
AGRICULTURAL PROPERTIES

Total dollar loss in agricultural properties was more than $8.5 million.

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. The NFIRS 5 reporting system has combined certain agricultural categories.

AGRICULTURAL PRODUCTION AND STORAGE

Type of Facility	No. of Incidents	Dollar Loss
Livestock Production	88	$ 4,893,150
Crop/Orchards	134	847,056
Grain Elevators/Silos	62	1,096,175
Livestock Storage	32	1,710,900
TOTAL	**316**	**$8,547,281**



One livestock production fire resulted in a dollar loss of $1.6 million.

Even though the total number of fires in agricultural properties increased slightly, the total *reported* dollar loss for fires in agricultural properties dramatically decreased to $8.5 million, which is 64% less than 2008. The largest dollar loss was $1.6 million in a livestock production facility. There were at least 15 agricultural fires that resulted in either a total loss or had extreme damage, yet a dollar loss of $0 was reported. The dollar loss for agricultural fires needs to be accurately reported.

Areas of Origin by Occupancy Class

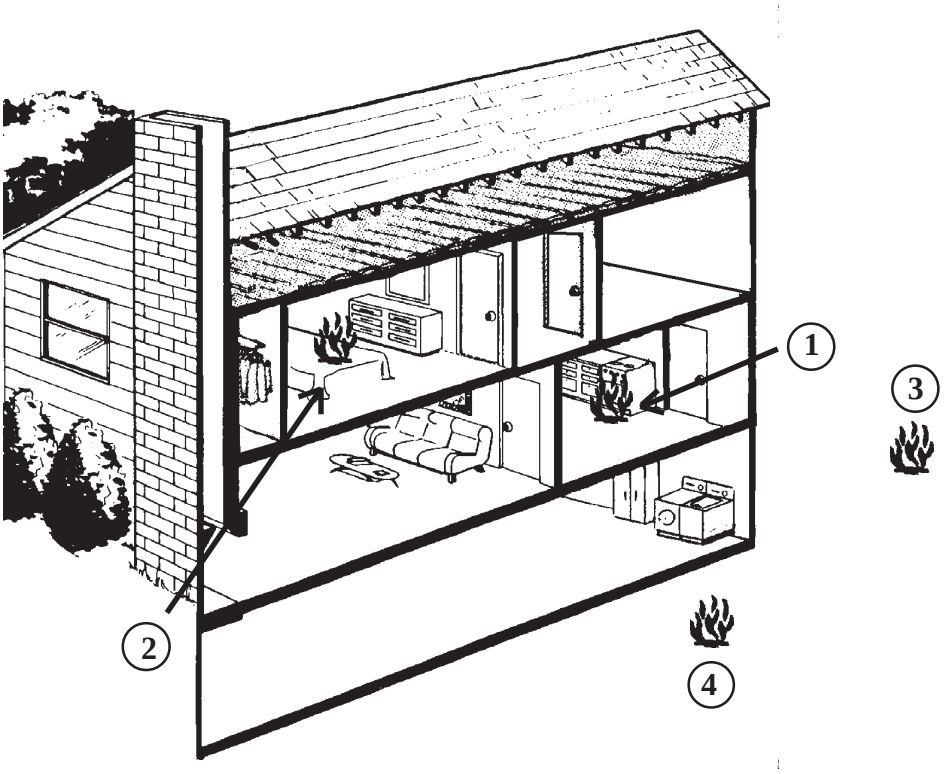
The following pages contain:

- Additional information on 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 was the area most likely involved in residential fires. Kitchen fires had a variety of causes.

RESIDENTIAL PROPERTY

(Single Family Dwellings, Apartments, Hotels)



AREA OF FIRE ORIGIN

1. **Kitchen/Cooking Area 46%**
2. **Sleeping Area 5%**
3. **Garage/Carport 3%**
4. **Exterior Balcony, Unencl. Porch ... 3%**

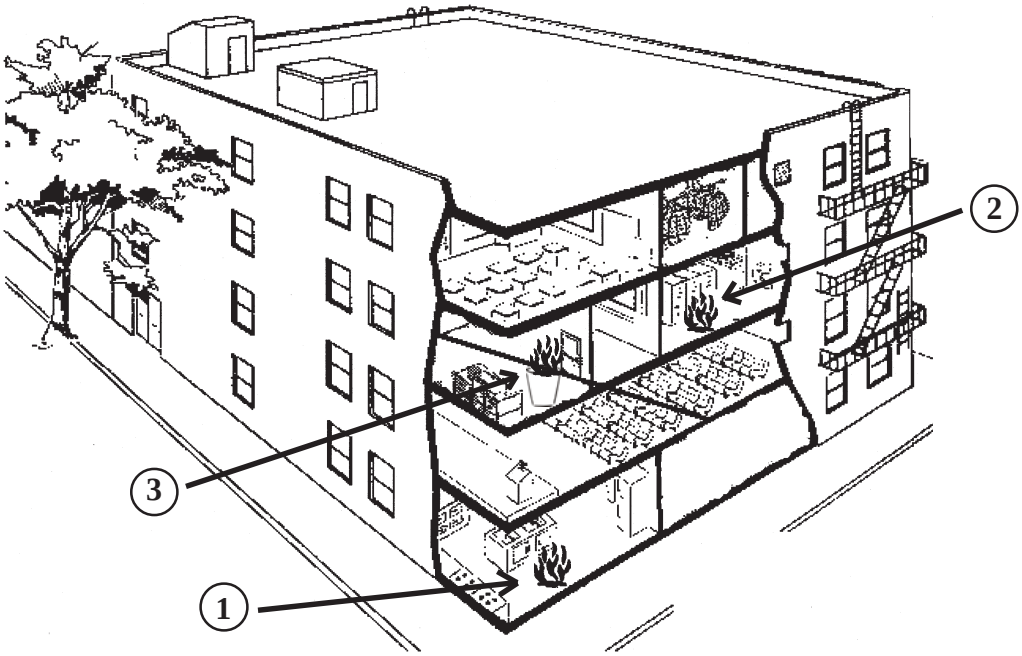
Other Areas of Fire Origin 43%

	No. of Incidents	Firefighter Injuries	Civilian Injuries	Firefighter Deaths	Civilian Deaths	Dollar Loss
	4,994	173	105	--	24	$101,620,967
% of Total	76%*	71%	88%	--	94%*	49%

*Percent of structure fires

EDUCATIONAL PROPERTY

(Colleges, Universities, Public/Private Schools)



AREA OF FIRE ORIGIN

1. **Kitchen/Cooking Area 39%**
2. **Lavatory/Locker Room 14%**
3. **Trash Chute/Container 4%**

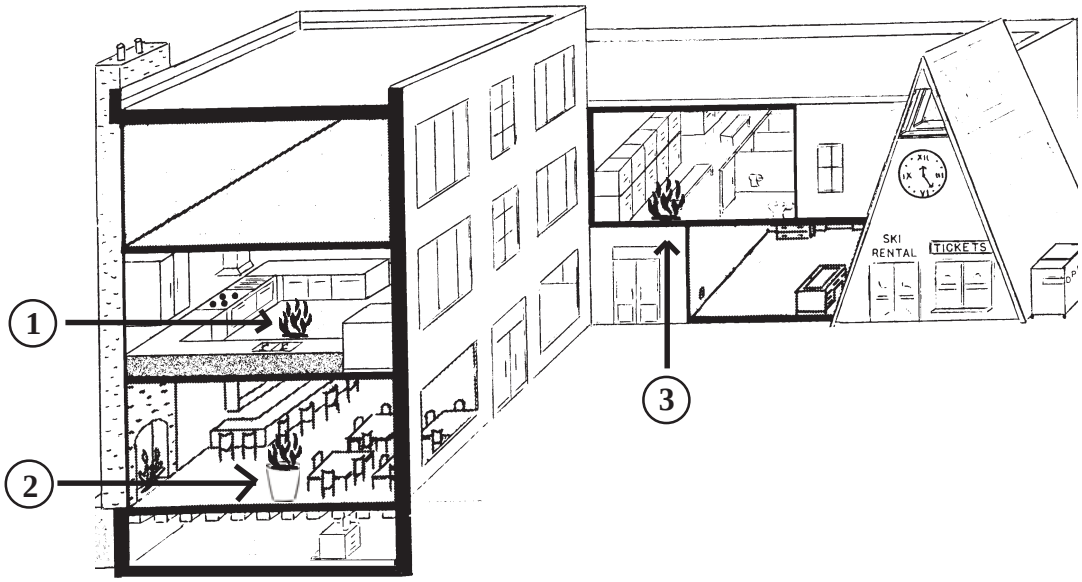
Other Areas of Fire Origin 43%

	No. of Incidents	Firefighter Injuries	Civilian Injuries	Firefighter Deaths	Civilian Deaths	Dollar Loss
	57	1	--	--	--	$62,785
% of Total	1%*	<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 Area 12%**
3. **Lavatory/Locker Room 3%**

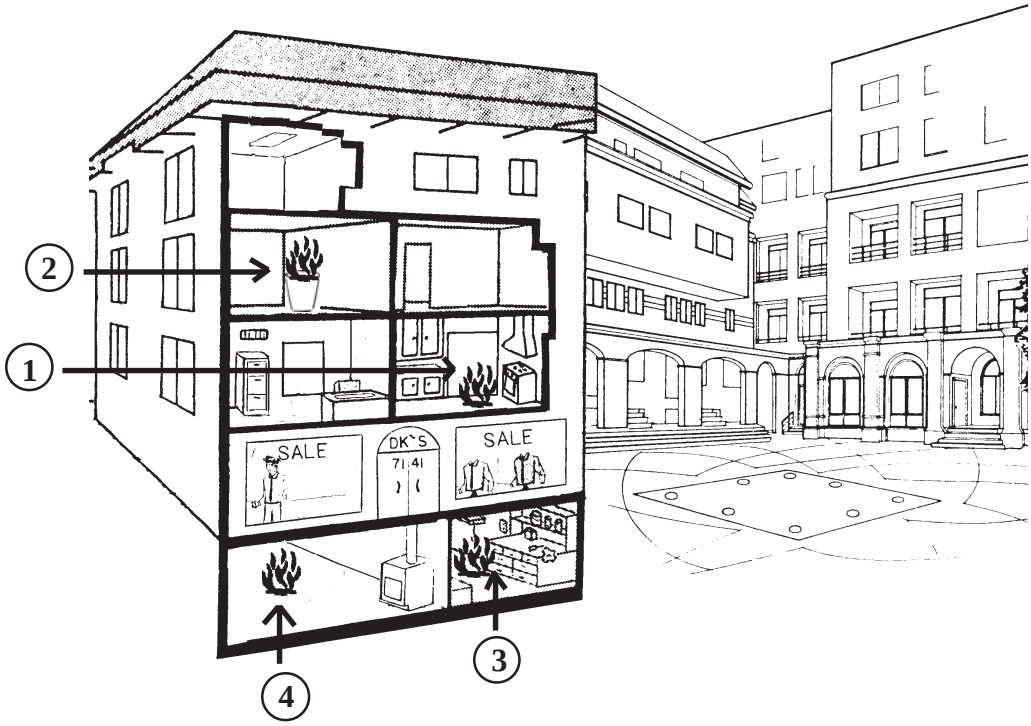
Other Areas of Fire Origin 40%

	No. of Incidents	Firefighter Injuries	Civilian Injuries	Firefighter Deaths	Civilian Deaths	Dollar Loss
	182	5	--	--	--	$3,360,750
% of Total	3%*	3%	--	--	--	2%

*Percent of structure fires

STORE AND OFFICE PROPERTY

(Retail Shopping, Business Offices, Service Stations)



AREA OF FIRE ORIGIN

1. **Kitchen/Cooking Area 18%**
2. **Trash Chute/Container 6%**
3. **Laundry Room Area 5%**
4. **Service Facilities, Other 4%**

Other Areas of Fire Origin 67%

	No. of Incidents	Firefighter Injuries	Civilian Injuries	Firefighter Deaths	Civilian Deaths	Dollar Loss
	205	28	1	--	--	$12,233,380
% of Total	3%*	12%	1%	--	--	6%

*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.

For more than eighty years, the National Fire Protection Association (NFPA) has sponsored and implemented a fire prevention campaign each October to raise public awareness of fire safety behaviors. Each year, NFPA develops a theme for the week and makes promotional materials available to fire departments nationwide to assist in getting the fire safety message to the public.

The theme for 2009 was, "Stay Fire Smart! Don't Get Burned!" Since 76% of all structure fires occur in residential spaces, many safety messages are aimed at habits and behaviors in the home. During the week of October 4-10, 2009, the public was encouraged to take steps to protect themselves and their homes by learning ways to prevent fire in their dwellings.

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

SUMMARY

In the year 2009, cooking fires again caused the largest percentage of structure fires (49%), with heating and open flame as the second and third leading causes. The apparent increase in cooking fires is the result of the 2004 development of a reporting category which more accurately captures information on cooking fires.

Cooking, heating, and open flame together accounted for 70% of total structure fires. Fires in residential spaces represent 76% of all structure fires and 94% of structural fire deaths. Eighty-eight percent of civilian injuries occurred in residential fires.

While careless smoking accounts for only 4% of structure fires, it nevertheless caused 29% of all fire fatalities and 42% of residential fire deaths.

In order to focus our fire prevention efforts where the greatest need exists, complete reporting of causes/ignition factors in the MFIRS program is absolutely essential.

In 2009, MFIRS data reported 11% of all structure fire causes as "unknown/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 "unknown/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 absolutely essential. Accurate data cannot be extrapolated from fields left blank on MFIRS reports.

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

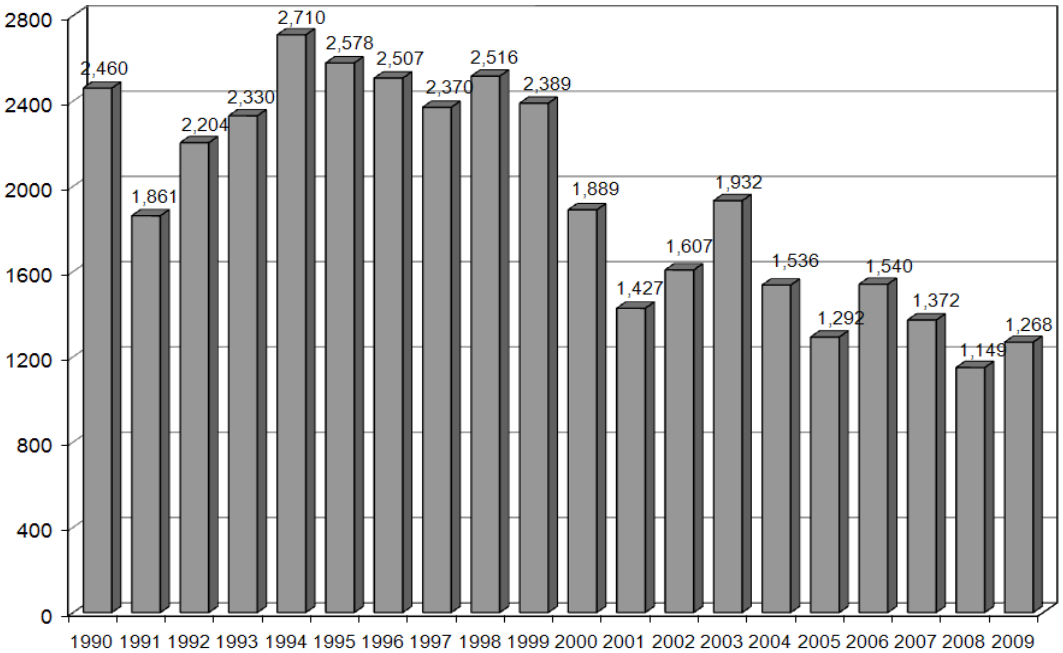
INCENDIARY TRENDS

Photo by Casey Stotts

INCENDIARY TRENDS

In 2009, the number of identified incendiary fires increased by 10%.

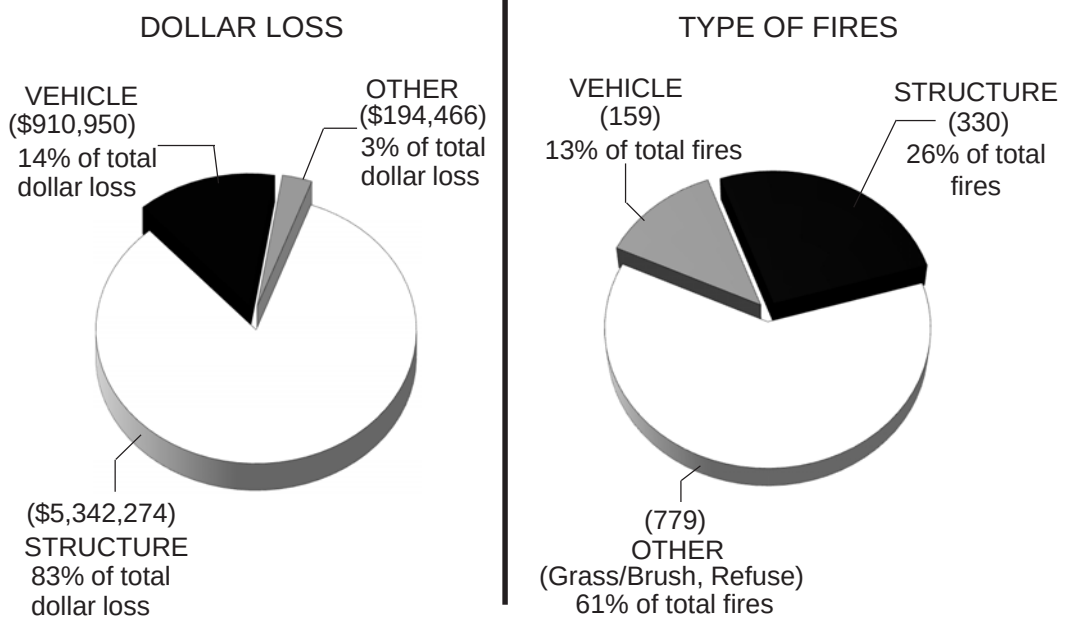
INCENDIARY FIRES IN MINNESOTA



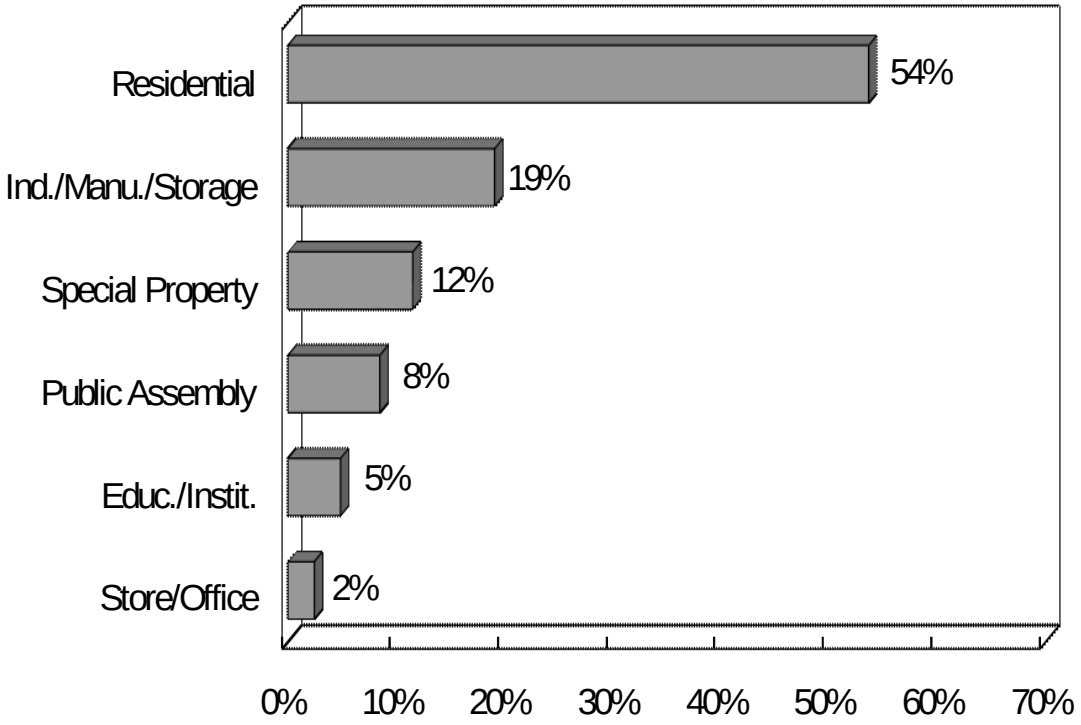
There were 1,268 identified incendiary fires in 2009, a 10% increase from 2008. The value of property destroyed was estimated at over $6 million, which is a 21% decrease from last year. Both numbers are considerably lower than those in the 1990s.

Incendiary dollar loss decreased by 21% from 2008.

INCENDIARY FIRES BY DOLLAR LOSS AND TYPE



Incendiary Fire Incidents By Structure Type

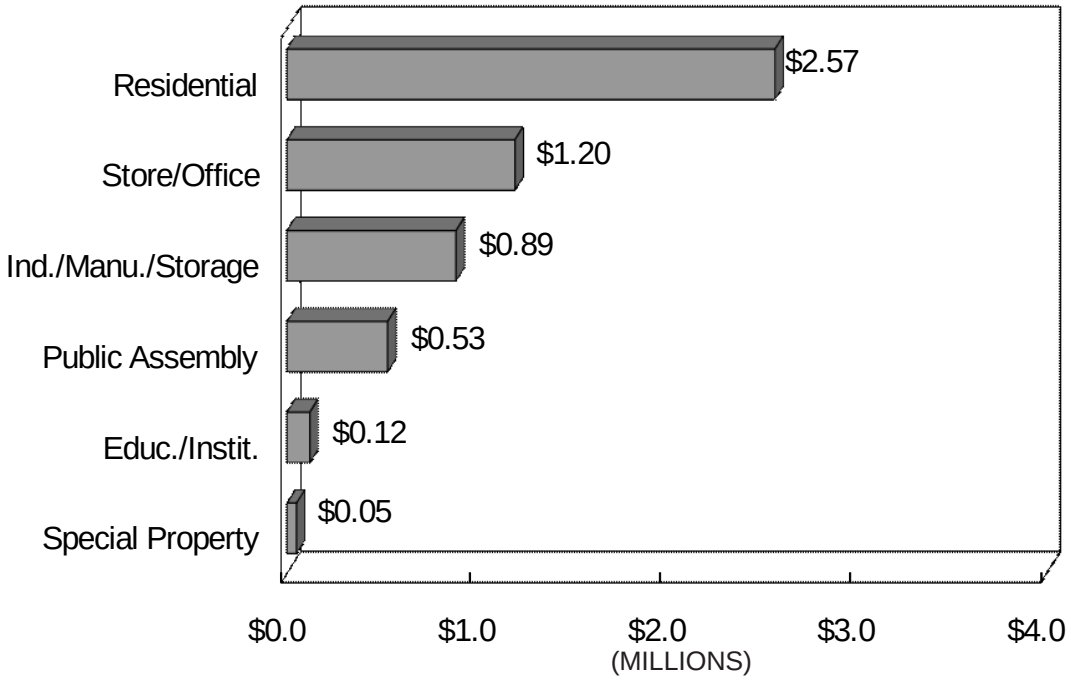


More than half of all incendiary fires reported in 2009 (54%) occurred in residential properties. Dollar loss in those properties totalled nearly $2.6 million, or 48% of total incendiary dollar loss in structures.

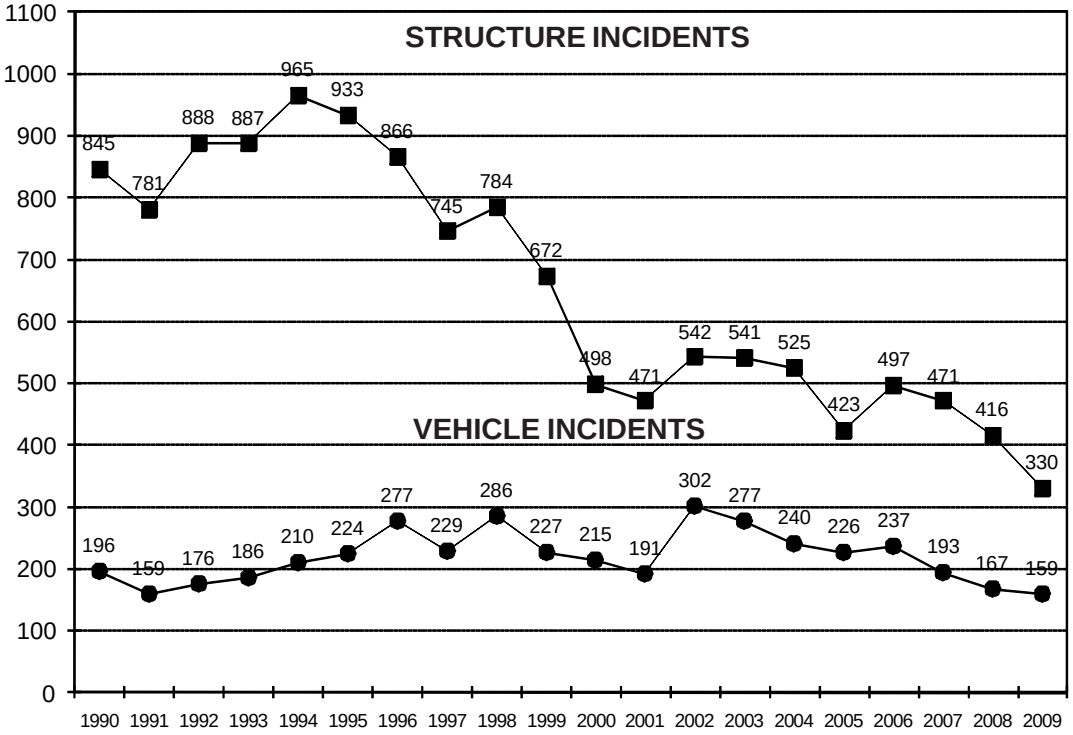
Incendiary Fire Dollar Loss (In Millions)

	Structure	Vehicle
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

Incendiary Fire Dollar Loss By Structure Type



INCENDIARY TRENDS IN STRUCTURE AND VEHICLE FIRES, 1990-2009



In 2009, incendiary was listed as the cause of 8% of all reported structure fires with known causes and 6% of all reported vehicle fires in Minnesota. Vehicle incendiary dollar loss represented 8% of total vehicle fire dollar loss, with an average dollar loss per incendiary vehicle fire of $5,729. 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

	2008		2009		
Property Type	**Incidents**	**Dollar Loss**	**Incidents**	**Dollar Loss**	**% of Total Dollar Loss**
One- or Two-Family Dwelling	175	$4.7M	123	$2.1M	81%
Apartment/Tenement/Flat	65	$0.7M	46	$0.4M	15%
Hotel/Motel/Inn/Lodge	2	$.012M	0	$0M	0%
Barracks/Dormitory	4	$.002M	2	<$.001M	<1%
Boarding/Rooming House	1	<$.001M	0	$0M	0%
Other Residential Occupancy	1	$.010M	6	$0.072	3%
TOTAL	**248**	**$5.5M**	**177**	**$2.6M**	**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 2009 accounted for 4% of all reported residential fires and 3% 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.

County	Incendiary Incidents	Incend. Fires/ 100,000 Pop.	Incendiary Dollar Loss
Aitkin	2	13	$70,000
Anoka	78	26	$206,850
Becker	25	83	$145,000
Beltrami	6	15	$0
Benton	23	67	$0
Big Stone	1	17	$0
Blue Earth	8	14	$3,000
Brown	3	11	$18,100
Carlton	16	51	$48,300
Carver	8	11	$0
Cass	17	63	$400
Chippewa	1	8	$0
Chisago	9	22	$1,000
Clay	15	29	$2,000
Clearwater	6	71	$0
Cook	0	0	$0
Cottonwood	1	8	$0
Crow Wing	10	18	$2,750
Dakota	80	22	$530,125
Dodge	16	90	$9,500
Douglas	8	24	$360,000
Faribault	3	19	$0
Fillmore	5	24	$10,500
Freeborn	3	9	$0
Goodhue	9	20	$0
Grant	1	16	$0
Hennepin	244	22	$1,863,136
Houston	4	20	$0
Hubbard	2	11	$153,000
Isanti	8	26	$0
Itasca	12	27	$33,500
Jackson	1	9	$0
Kanabec	3	20	$0
Kandiyohi	6	15	$200
Kittson	1	19	$0
Koochiching	0	0	$0
Lac Qui Parle	4	50	$0
Lake	2	18	$0
Lake of the Woods	0	0	$0
LeSueur	7	28	$45,000
Lincoln	1	16	$0
Lyon	8	31	$2
McLeod	11	32	$12,500
Mahnomen	1	19	$10,500
Marshall	2	20	$0
Martin	4	18	$0
Meeker	3	13	$0
Mille Lacs	8	36	$75,000
Morrison	9	28	$0
Mower	11	28	$121,600
Murray	2	22	$3,000
Nicollet	2	7	$0
Nobles	2	10	$0
Norman	6	81	$15,825
Olmsted	34	27	$146,500
Otter Tail	8	14	$56,800
Pennington	4	29	$35,000
Pine	8	30	$48,000
Pipestone	1	10	$0
Polk	12	38	$500
Pope	5	44	$0
Ramsey	171	33	$1,399,081
Red Lake	0	0	$0
Redwood	2	12	$0
Renville	4	23	$100
Rice	32	56	$77,050
Rock	1	10	$0
Roseau	6	37	$166,500
St. Louis	85	42	$584,331
Scott	17	19	$3,750
Sherburne	18	28	$0
Sibley	1	7	$0
Stearns	23	17	$79,650
Steele	7	21	$40
Stevens	1	10	$12,000
Swift	1	8	$0
Todd	1	4	$60,000
Traverse	0	0	$0
Wabasha	10	46	$500
Wadena	3	22	$0
Waseca	6	31	$12,000
Washington	45	22	$100
Watonwan	4	34	$0
Wilkin	0	0	$0
Winona	3	6	$0
Wright	34	38	$0
Yellow Medicine	3	27	$25,000
TOTAL	**1,268**	**23**	**$6,447,690**

* Based on data received from 758 departments. See pages 45-52 for MFIRS participation by county.

SUMMARY

Incendiary fires increased in 2009 and dollar loss from those fires decreased. Incendiary fires were the cause of 8% of structure fires with known causes.

Fifty-four percent of all incendiary structure fires were in residential property as well as 48% of all incendiary dollar loss.

In the past twenty-one years, incendiary fires caused 53 deaths and over $318 million in property loss. Incendiary fires must continue to be addressed through such efforts as the Arson Reward Program, the Arson Suspect Pointer System, and the Juvenile Firesetter Intervention Programs. Arson is a crime against every Minnesotan.

CASUALTIES

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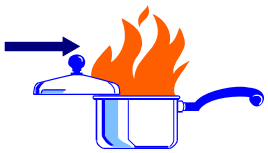
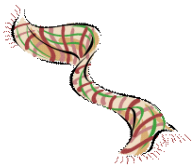




IT TAKES A VILLAGE TO PROTECT OUR SENIORS

In 2009, the State of Minnesota experienced the lowest number of civilian fire deaths (35) since we have been keeping these records. In many ways, this means that the safety messages reinforced by the fire service for the last several decades are making a difference. More stringent fire and building codes are making a difference. Better technology, as seen in smoke alarms, building materials, and firefighting equipment are making a difference. Better training makes a difference. These are reasons for community pride and fire service job satisfaction - collectively, we have made a difference.

To ensure that fatality numbers continue to go down, it is necessary to target areas that need more work. In 2009, one important target is fire deaths in the senior (over 60) population. Since 2005, seniors have accounted for 35 to 44% of the yearly fire death toll. Citizens over sixty years of age represented 17.3% of Minnesota's population according to 2008 data. Yet, the over-sixty age group suffered 43% of Minnesota's fire deaths in 2009.

Many social and fire service agencies offer safety tips and programs aimed at senior safety, in an effort to help our elders live safely in their own homes as long as possible. A great deal of this information is available on-line, and can be reprinted and shared at local senior gathering places and assisted living sites. There are printed brochures and even curricula designed to encourage fire-safe behaviors in seniors. These are useful tools, and there are many appropriate places for them.

Perhaps, however, it is time to take a proactive approach in reaching out, not only to seniors themselves, but to caregivers: adult foster care staff, home health aides, social directors at senior apartments and assisted living facilities and senior dining centers. Training these caregivers to present safety measures in a hands-on, visual manner might reach people who will never go on-line or read a brochure. A few simple props, such as a covered frying pan, a long scarf, or safe and unsafe styles of ash trays can help to implement a simple, interactive safety demonstration that will be easily remembered.

The fire service has a responsibility to direct some of their efforts toward this kind of education. Training the people who have daily informal interaction with seniors might be a more practical approach than attempting to reach each group or residence by themselves. Such training could be offered, however, not only by the fire departments, fire marshals, and fire inspectors, but also by Explorer Scouts and other community organizations.

Safety messages are not the prerogative of any one agency. A fire-safe population requires the intertwined efforts of the fire service, social services, family members, and the seniors themselves.

Sometimes, "It takes a village…." is not just about children.

In 42% of fatalities in residential occupancies, smoke alarms were improperly maintained or absent.

FIRE DEATHS AND SMOKE ALARM PERFORMANCE*

In 2009, 35 civilians lost their lives in Minnesota fires. This number represents a 33% decrease in fire deaths, compared to the 2008 total of 52 fatalities. Residential fire deaths represented 69% of total fire deaths in 2009. In 42% of the residential casualties, smoke alarms (required in every dwelling since 1993) were absent or non-operating. In another 34% of the dwelling cases, it was not possible to determine whether a smoke detector was present or operating.

FIRE DEATHS IN RESIDENTIAL DWELLINGS

	Fatalities	% of Dwell. Fires	% of Total Deaths
No Smoke Alarms Present	5	21%	14%
Inoperable Smoke Alarms Present	5	21%	14%
Working Smoke Alarms Present	4	17%	11%
Unk. if Alarms Present/Working	8	33%	23%
Not a Factor/Suicides, Explosions, etc.	2	08%	06%
Total Deaths in Dwellings	**24**	**100%**	**68%**
Other Fire Deaths (Including vehicles, outdoors, other structures, etc.)	11	--	31%
Total Fire Deaths	**35**	**--**	**100%**

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

	Fatalities
Child - went back into fire - irrational action	1
Physically Handicapped: All smoking while on or near oxygen	3
Total	4

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 2009 fire death database, which is based on fire death investigations done by this office and on MFIRS data.

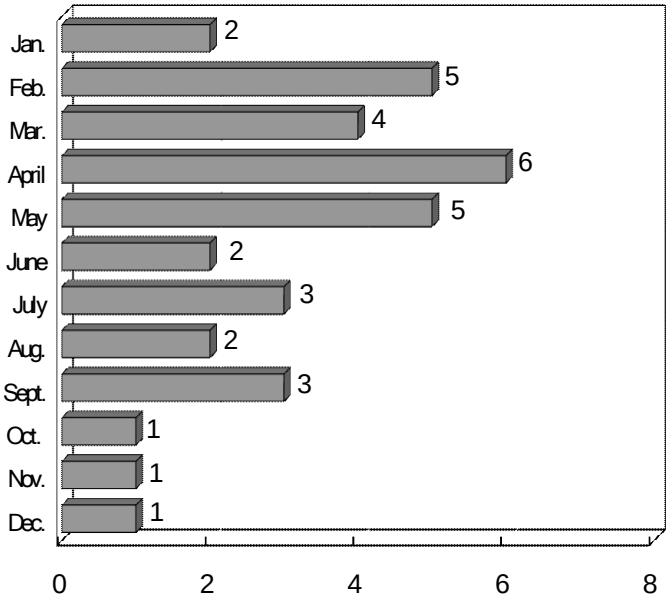
CIVILIAN FIRE DEATHS: WHO AND WHEN

Fifty-four percent of fire deaths in 2009 occurred between the hours of 6 a.m. and 6 p.m. Fifty-seven percent of the fire deaths occurred during the winter/spring months (Feb.-May).

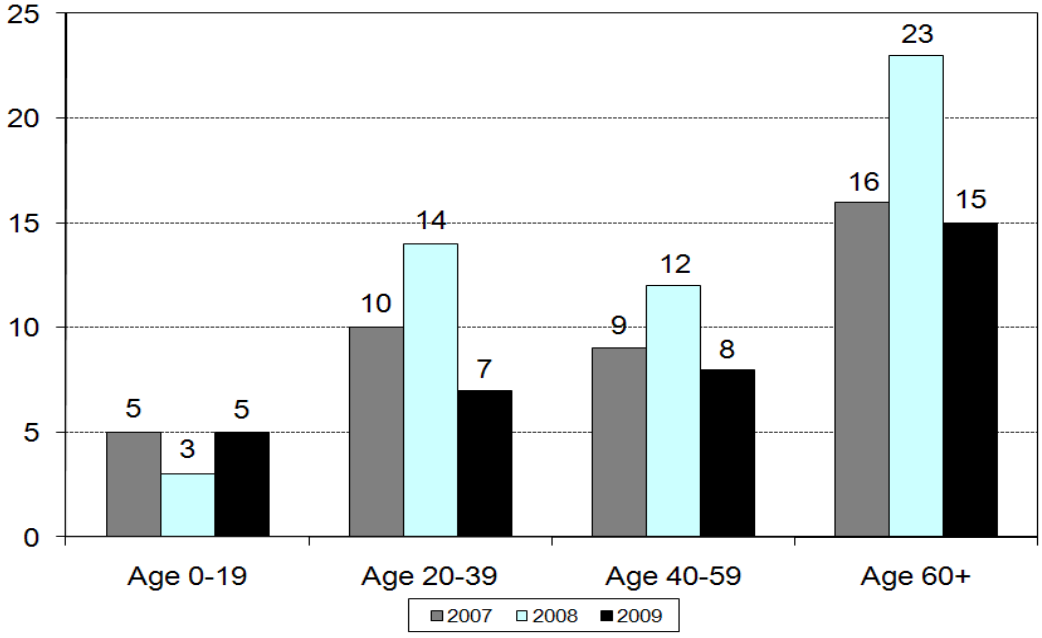
FIRE DEATHS BY TIME OF DAY

	TOTAL	0000-0600	0600-1200	1200-1800	1800-2400
Careless Smoking	10	3	4	2	1
Combust. Too Close	6	2	1	1	2
Vehicle Collision/Malf.	4	1	1	1	1
Careless Open Burning	3	0	1	2	0
Arson	2	0	0	0	2
Unattended Cooking	2	1	0	1	0
Child Play	1	1	0	0	0
Other	3	0	0	2	1
Undetermined	4	0	2	1	1
TOTAL	**35**	**8**	**9**	**10**	**8**

FIRE DEATHS BY MONTH



FIRE DEATHS BY AGE

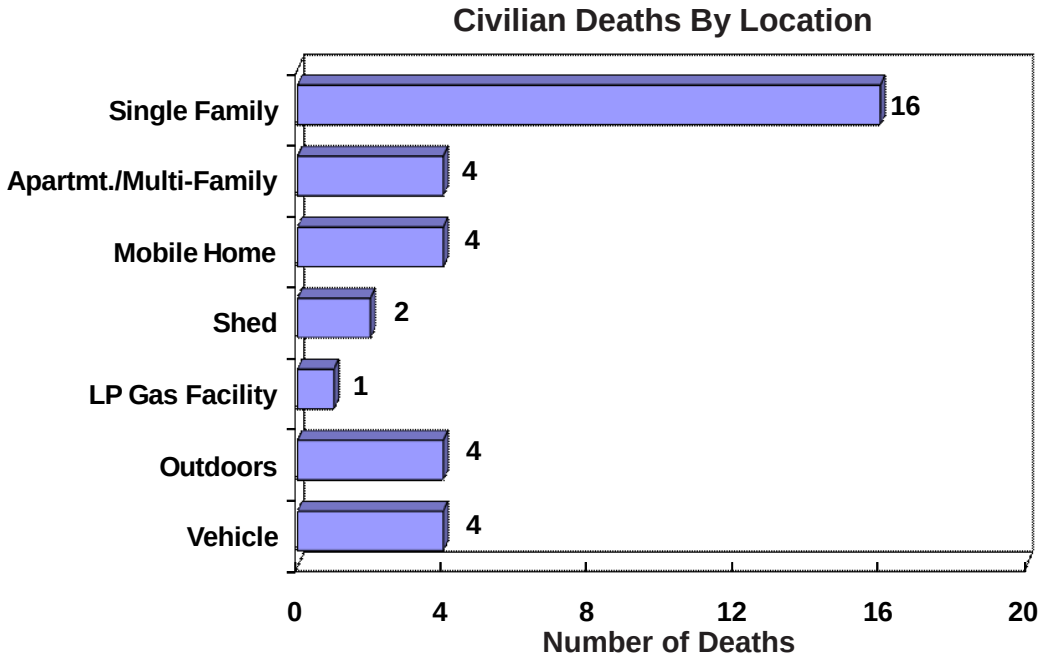


In 2009, all age groups except the very young (0-19 yrs) showed a decrease in the number of fire deaths.

In 2009, total fire deaths were down by 33% from 2008. Deaths in the 0-19 age group increased by 67%. This is the only age group where fire deaths went up in 2009. The death rate in the 20-39 age group went down by 50% over 2008 numbers. The 40-59 age group showed a 33% decrease in fatalities in 2009. Deaths in the 60+ range went down by 35% from 2008. These elderly citizens account for 43% of the total fire deaths in 2009.

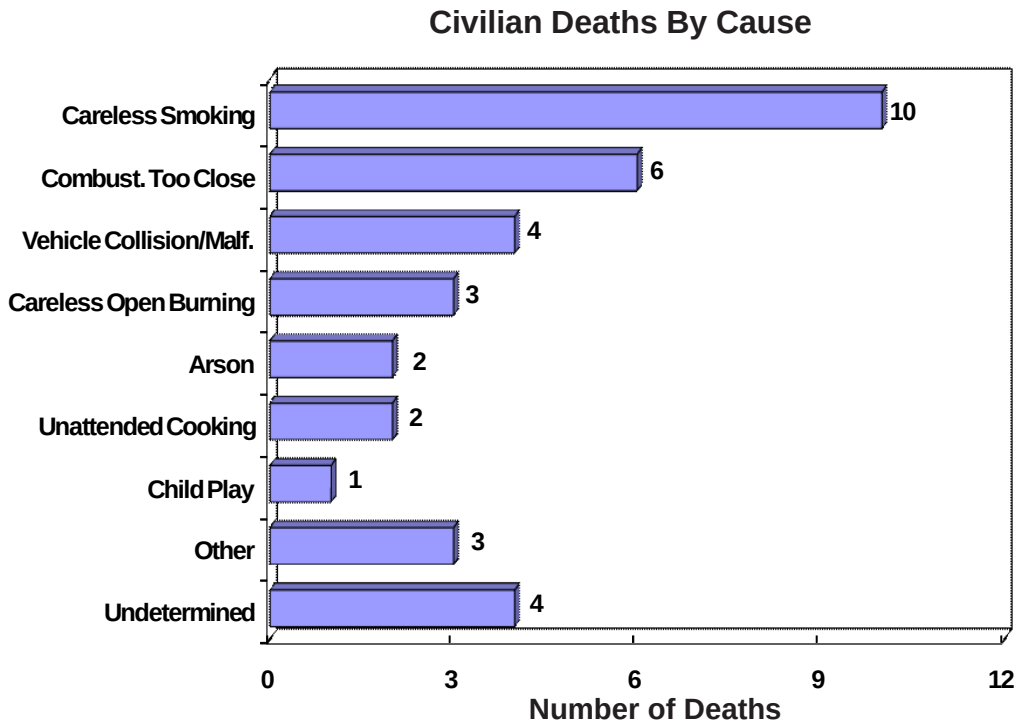
CIVILIAN FIRE DEATHS: WHERE AND WHY

Sixty-nine percent of all fire deaths occurred in residential property.



Sixty-nine percent of all 2009 fire deaths occurred where people generally feel safest - in their homes and 94% of structural fire deaths were in residences.

Careless smoking was identified as the cause of 29% of all fire deaths. Fifty percent of those careless smoking deaths were alcohol or drug-related.



Alcohol/drug use was a factor in 34% of all fire deaths.

In 2009, careless smoking was once more the leading cause of fatal fires, and was determined to be the causative factor in 29% of all fire deaths for the year. The number of careless smoking deaths decreased by 17% over 2008. Alcohol or drug use was a factor in 50% of the careless smoking deaths and in 34% of all fire deaths.

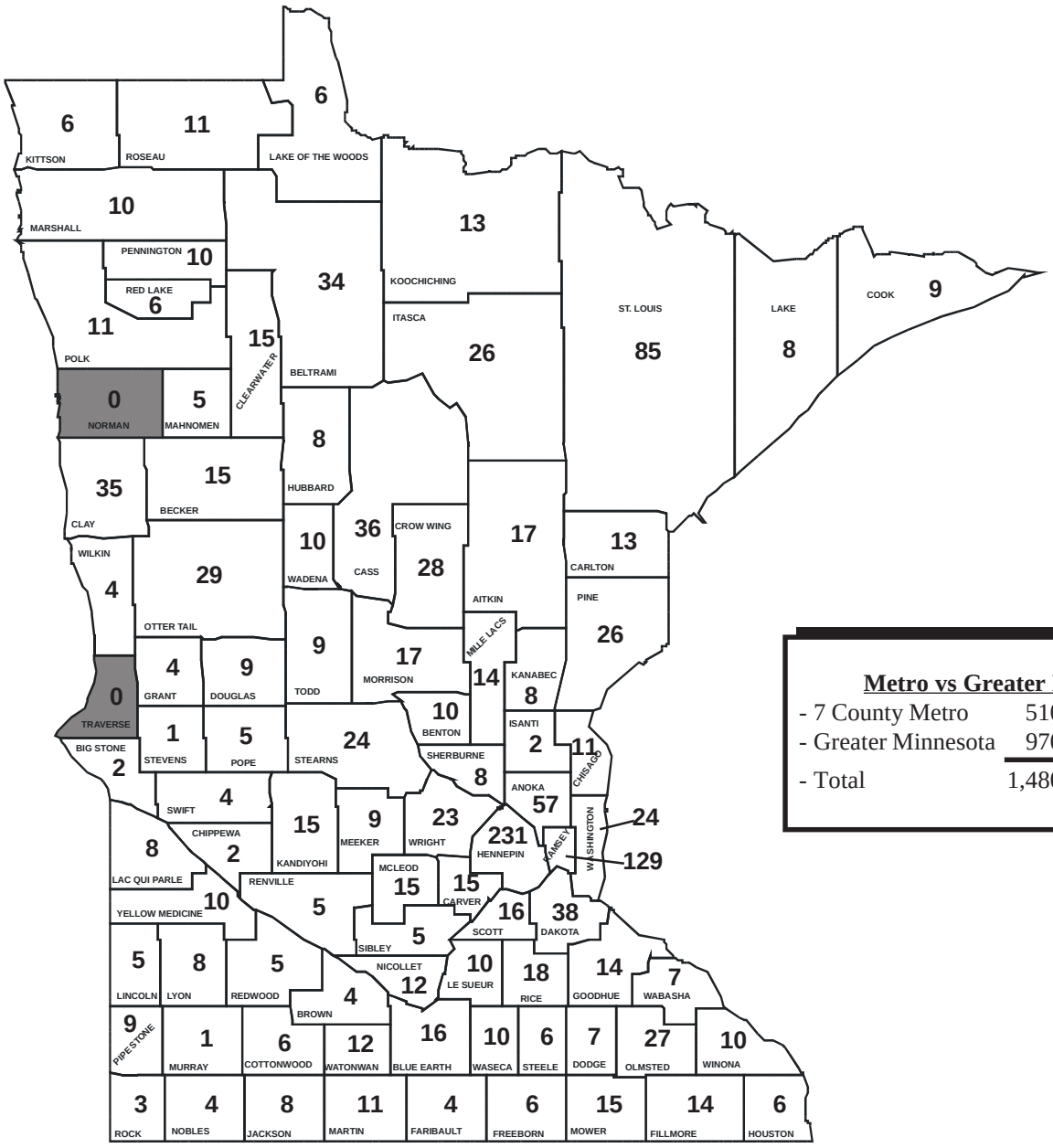
2009 FIRE DEATH LISTING

Date	City/Town	Structure	Cause	Age
1/9/2009	Sandstone	Single Family	Undetermined	43
1/25/2009	Burnsville	Apartment	Incendiary	23
2/8/2009	Long Prairie	Single Family	Child Fire Play	3
2/13/2009	St. Louis Park	Single Family	Careless Smoking	56
2/26/2009	Nevis	Single Family	Careless Smoking	62
2/27/2009	Menahga	Outbuilding	Combustible Too Close	37
2/27/2009	Menahga	Outbuilding	Combustible Too Close	34
3/4/2009	Faribault	Single Family	Unattended Candle	46
3/10/2009	Salol	Single Family	Combustible Too Close	10
3/13/2009	Lakefield	Single Family	Lack of Maintenance	78
3/21/2009	Belgrade	Single Family	Careless Smoking	64
4/7/2009	Mankato	Apartment	Combustible Too Close	81
4/11/2009	Sauk Centre	Open Land	Careless Open Burning	95
4/15/2009	Mission Township	Open Land	Vehicle Malfunction	84
4/17/2009	McGregor	Single Family	Undetermined	32
4/20/2009	Minneapolis	Single Family	Careless Smoking	54
4/21/2009	Heron Lake	Single Family	Careless Smoking	32
5/2/2009	Aitkin	Forest/woodland	Spark From Open Burning	85
5/4/2009	Gonvick	Single Family	Careless Open Burning	66
5/6/2009	Lindstrom	Single Family	Undetermined	28
5/7/2009	Beaver Creek	Single Family	Careless Smoking	66
5/16/2009	Willmar	Open Land	Combustible Too Close	56
6/9/2009	Coon Rapids	Single Family	Unattended Cooking	83
6/10/2009	Waconia	Outbuilding	LP Gas Explosion	18
7/4/2009	Lakin Township	Highway	Vehicle Collision	25
7/4/2009	Waseca	Single Family	Careless Smoking	75
7/16/2009	Redwood Falls	Construction Site	Vehicle Collision	17
8/13/2009	Minneapolis	Apartment	Incendiary	55
8/17/2009	Eagan	Single Family	Careless Smoking	98
9/10/2009	Ogema	Single Family	Undetermined	58
9/12/2009	Savage	Apartment	Careless Smoking	54
9/23/2009	Waseca	Highway	Vehicle Collision	14
10/16/2009	Winthrop	Open Land	Combustible Too Close	77
11/9/2009	Worthington Twp.	Single Family	Unattended Cooking	83
12/9/2009	Northome	Single Family	Careless Smoking	80

CIVILIAN DEATH RATES

Fire deaths in greater Minnesota outpace those in the seven-county metro area by a rate of nearly two to one.

In the last 26 years, 1,480 Minnesota civilians have died in fires (see distribution by county below). In 2009, 46% of our state population lived in greater Minnesota, where the per capita fire death rate was 1.12 deaths for every 100,000 people. The per capita fire death rate for the Metro area in 2009 was 0.27 per 100,000, while the rate for the state as a whole was 0.66 per 100,000. The national per capita fire death rate for 2008 was 1.09 per 100,000. (The United States consistently has one of the higher per capita fire death rates in the world.) Two counties in Minnesota have remained fatality free for 26 years: Norman and Traverse.



Metro vs Greater MN

- 7 County Metro	510	34%
- Greater Minnesota	970	66%
- Total	1,480	100%

30+ YEARS OF FIRE DEATH HISTORY

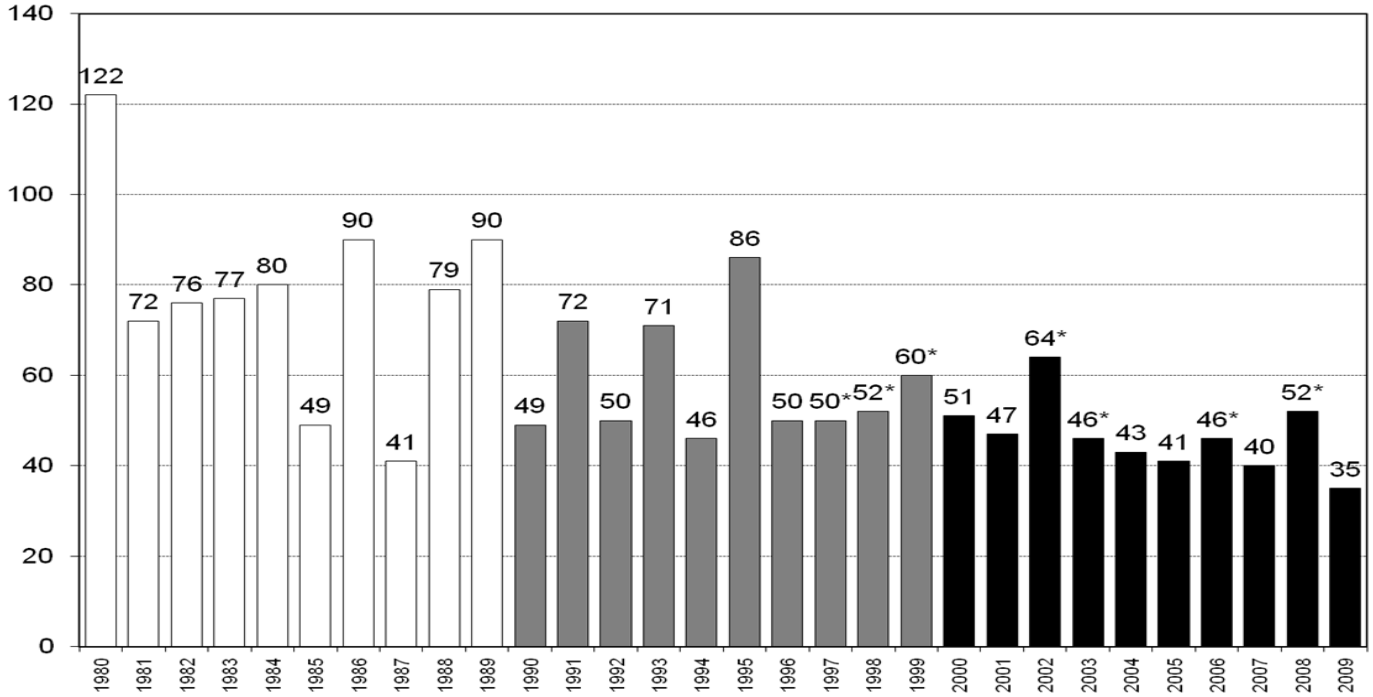
Minnesota's Fire Deaths

1970s	*961 deaths*
1980s	*776 deaths*
1990s	*585 deaths*
2000s	*465 deaths*

As Minnesota's population has grown from 3.8 million in 1970 to 4.9 million in 2000, fire deaths have decreased. During the 1980s, fire deaths in Minnesota dropped 19% from the levels of the 1970s. The 1990s show a further decrease of 25% from the levels in the 1980s. The 2000s had a decrease of 21% from the 1990s.

Much of this decline in the fire death rate must be attributed to the fire service. 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/code enforcement programs targeting hotels, motels, schools, and health care and day care facilities.

FIRE DEATHS 1980 - 2009



*Does not include firefighter deaths.

FIREFIGHTER DEATHS

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

The Minnesota Fire Service is grateful to report no line-of-duty firefighter deaths in 2009. Minnesota is one of just 16 states that can claim no firefighter deaths during that calendar year. Thirty-three states and the District of Columbia suffered the loss of 82 firefighters who fell in the effort to protect lives and property. This number is the lowest number of line-of-duty deaths since 1993.

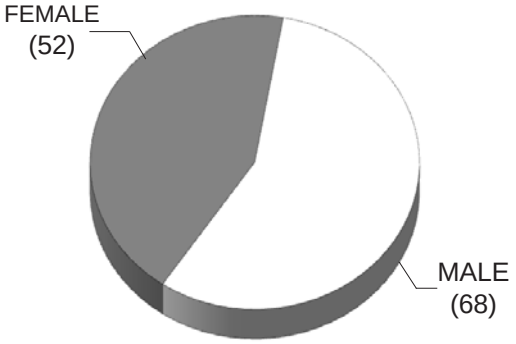
While the U.S. Fire Administration credits line-of-duty deaths to the year in which the incident occurred, we wish to acknowledge and honor the death in 2009 of St. Paul firefighter Ramon E. Hain, who was injured through a hazardous exposure in 1996.

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.

CIVILIAN INJURIES REPORTED BY FIRE DEPARTMENTS

In 2009, 120 civilians were injured in Minnesota fires. Fifty-seven percent of those injured were males; 43% were females.

In 2009, 120 civilian injuries were reported through the MFIRS system, a 17% decrease from 2008. 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 the fire department. Many burn victims are taken to emergency rooms by private car or ambulance.



AGE OF VICTIM	NO. OF VICTIMS
0-19	8
20-39	39
40-59	51
60-OVER	20
UNKNOWN	2
TOTAL	**120**

A breakdown of reported injuries by gender shows that 57% of injuries were to males and 43% to females.

ACTIVITY AT TIME OF FIRE

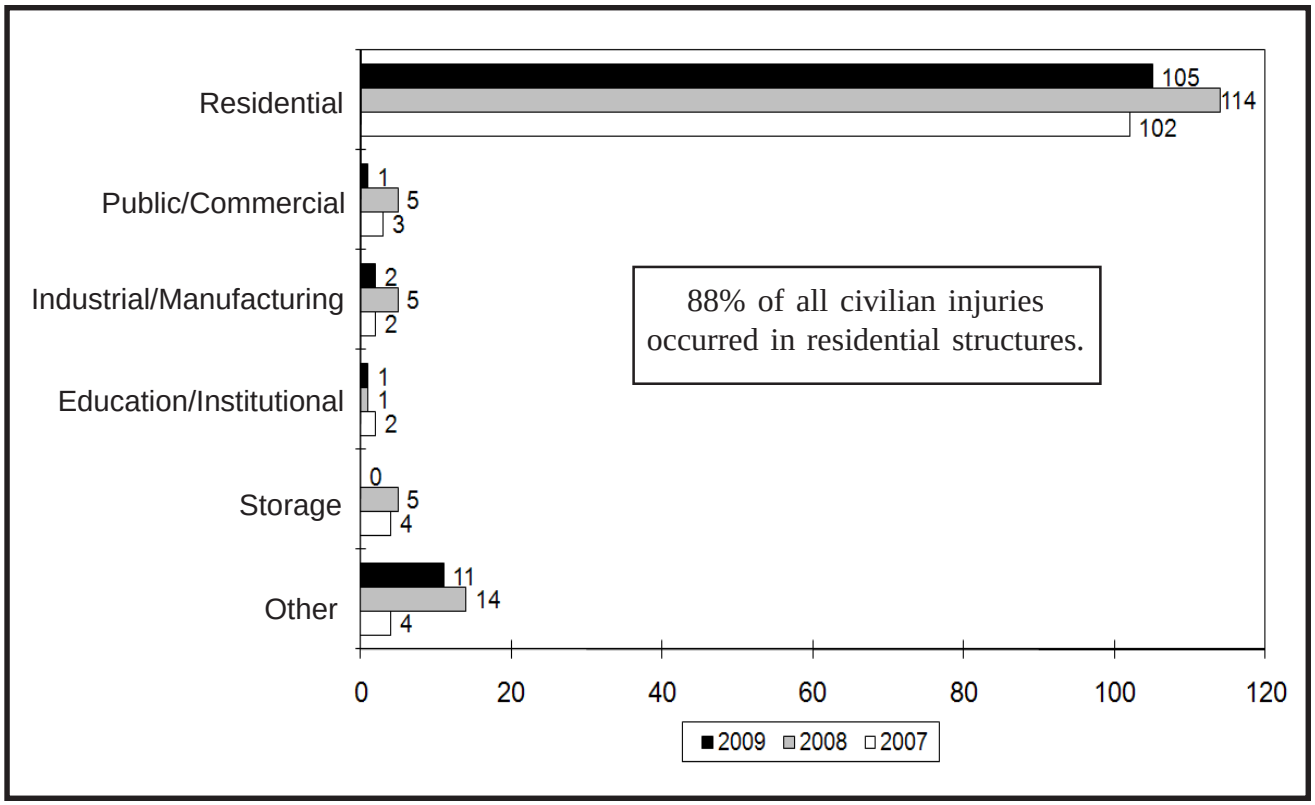
People trying to control a fire accounted for 27% of all civilian fire injuries; these numbers indicate an ongoing need to educate citizens of all ages on how to react to a fire. "Get Out and Stay Out" cannot be over-emphasized.

Twenty-seven percent of all injuries were to people trying to control or extinguish a fire.

CIVILIAN INJURIES BY ACTIVITY

Activity	#	%
Fire Control	32	27%
Escape	21	18%
Sleeping	12	10%
Irrational act	5	4%
Unable to act	5	4%
Rescue attempt	2	2%
Other	3	3%
Unkn/Unrep	40	33%
	120	100%

CIVILIAN INJURIES BY PROPERTY TYPE



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

CIVILIAN INJURIES BY ACTIVITY AND STRUCTURE

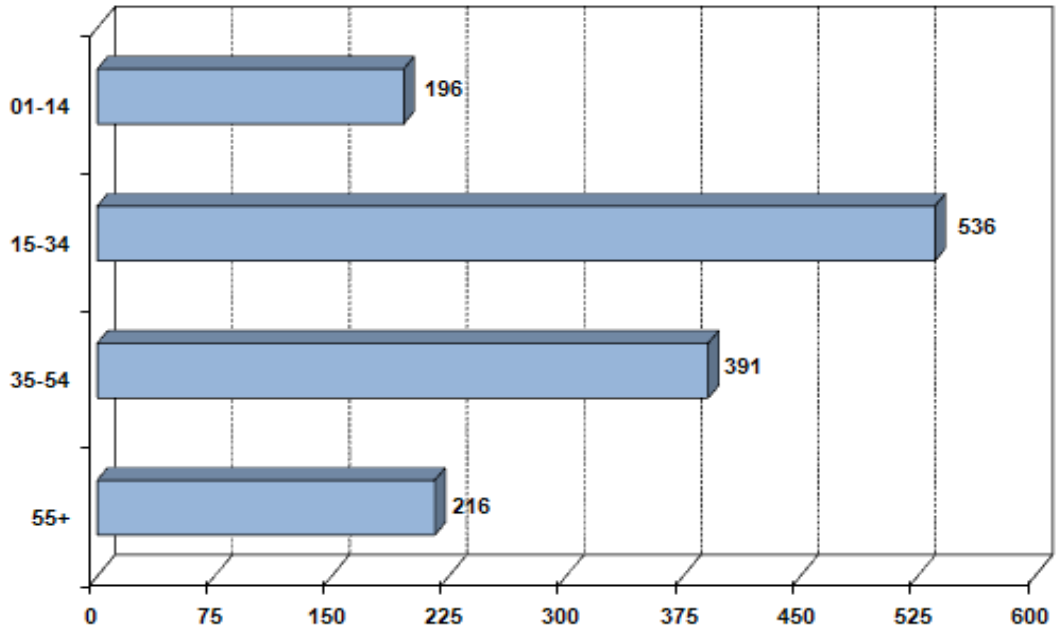
	Residential	Pub/Comm	Indus/Manu	Educ/Inst	Storage	Other
Fire Control	25	--	2	1	--	4
Escaping	20	--	--	--	--	1
Sleeping	11	--	--	--	--	1
Rescue Attempt	2	--	--	--	--	--
Irrational Action	5	--	--	--	--	--
Unable to Act	5	--	--	--	--	--
Other	2	--	--	--	--	1
Unknown	35	1	--	--	--	4
TOTAL	**105**	**1**	**2**	**1**	**0**	**11**

BURN INJURIES REPORTED BY HOSPITAL FACILITIES

Forty percent of 1,339 reported burn injuries (536) were in the 15-34 age group.

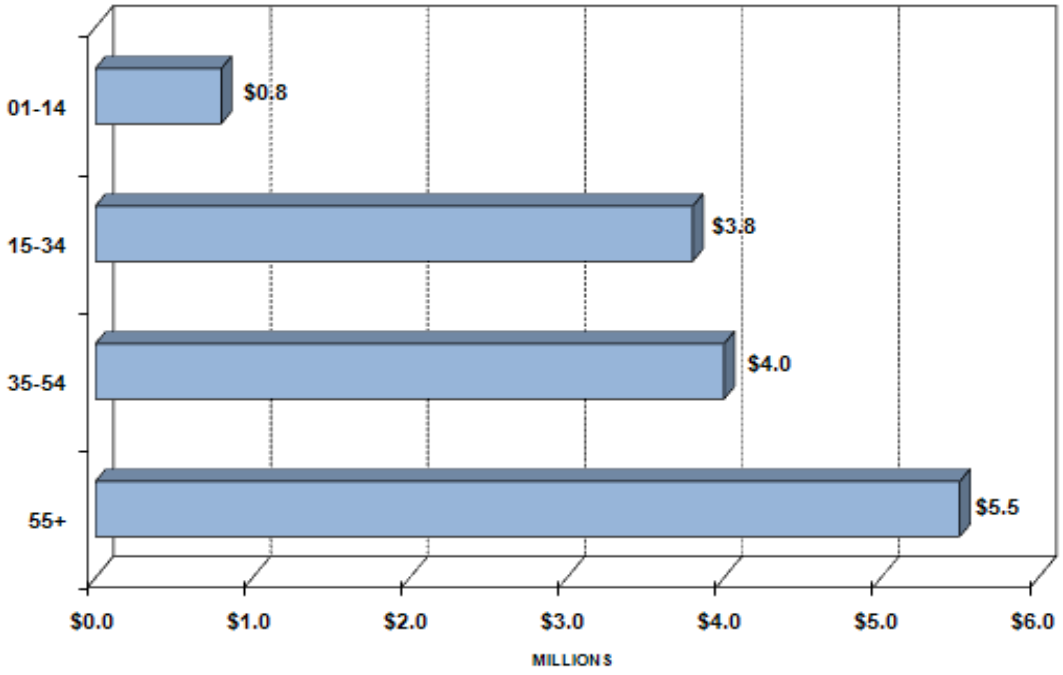
The charts and tables below and on the next two pages reflect civilian burn injuries that were reported to the Minnesota Department of Health by Minnesota hospital facilities.

CIVILIAN BURN INJURIES BY AGE



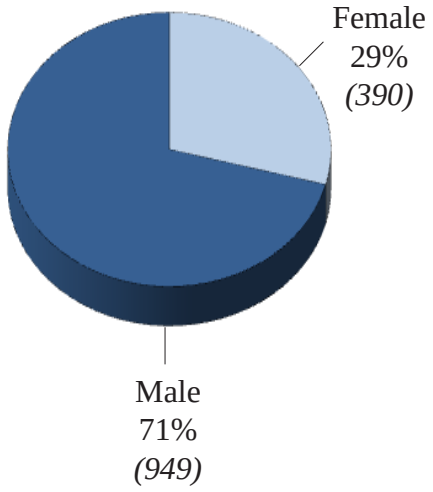
CIVILIAN BURN INJURIES TREATMENT CHARGES BY AGE

Total treatment charges of reported burn injuries was over $14 million.

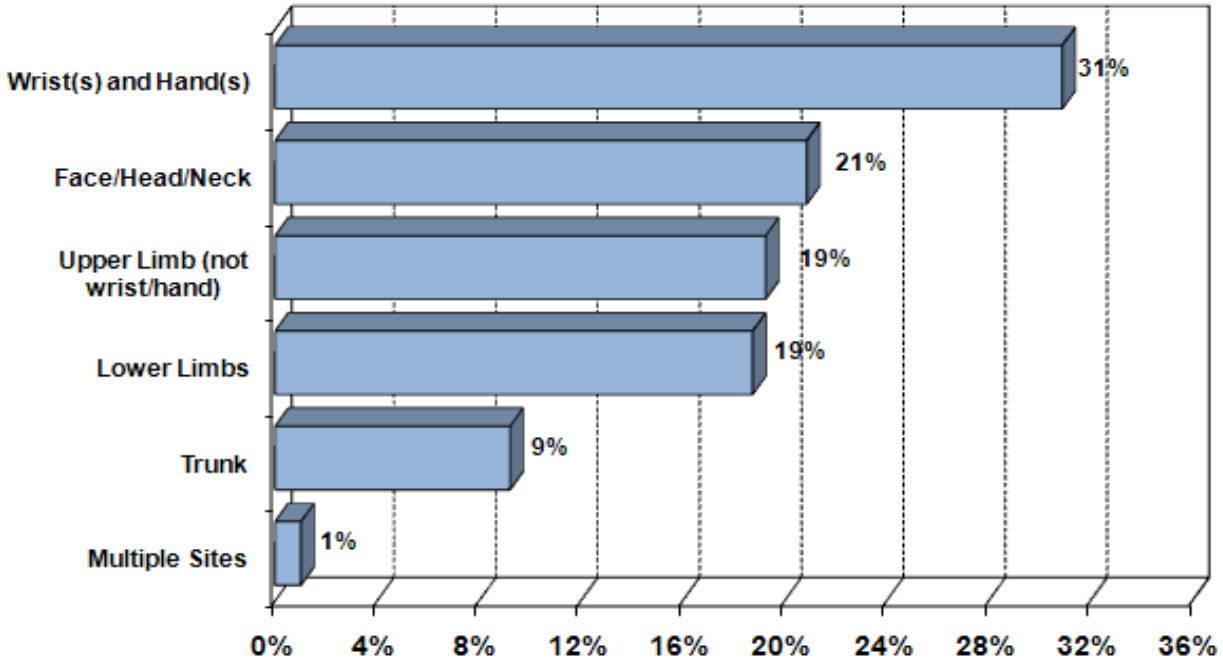


Seventy-one percent of burn injuries were sustained by males and 29% by females.

CIVILIAN BURN INJURIES BY GENDER



CIVILIAN BURN INJURIES BY BODY AREA



Wrists and hands were the leading burn areas at 31% of all burns reported.

CIVILIAN BURN INJURIES BY INCOME LEVEL

Income Level	No. of Injuries	Rate (Per 100,000 Pop.)	Percent. of Total
$0-$24,999	21	32	2%
$25,000-$49,000	845	31	64%
$50,000-$74,999	418	23	32%
$75,000+	42	11	3%

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.

County	Burn Injuries	Burn Injuries/ 100,000 Pop.	Burn Injury Costs
Aitkin	6	31	$11,286
Anoka	80	25	$384,239
Becker	13	48	$107,248
Beltrami	11	27	$167,022
Benton	18	45	$83,907
Big Stone	1	21	$243
Blue Earth	16	29	$126,127
Brown	5	21	$722,776
Carlton	10	32	$90,119
Carver	15	17	$82,061
Cass	7	27	$77,838
Chippewa	5	34	$14,697
Chisago	17	33	$72,749
Clay	4	7	$321,836
Clearwater	4	46	$1,050
Cook	4	63	$549,731
Cottonwood	1	10	$260
Crow Wing	20	31	$46,691
Dakota	73	19	$208,972
Dodge	7	35	$6,422
Douglas	7	21	$7,705
Faribault	6	46	$69,238
Fillmore	4	26	$929
Freeborn	18	65	$30,053
Goodhue	13	26	$36,661
Grant	2	29	$982
Hennepin	225	20	$2,828,701
Houston	1	5	$542
Hubbard	6	38	$3,839
Isanti	14	37	$19,165
Itasca	31	75	$28,071
Jackson	1	10	$37,558
Kanabec	9	60	$161,523
Kandiyohi	19	48	$51,932
Kittson	2	39	$653
Koochiching	11	90	$19,878
Lac Qui Parle	0	0	$0
Lake	8	95	$99,372
Lake of the Woods	3	64	$4,522
LeSueur	17	62	$59,232
Lincoln	0	0	$0
Lyon	6	22	$7,193
McLeod	26	71	$165,973
Mahnomen	1	34	$194
Marshall	2	23	$3,839
Martin	8	45	$24,266
Meeker	3	13	$1,639
Mille Lacs	22	85	$133,034
Morrison	7	23	$17,907
Mower	12	36	$17,257
Murray	2	27	$536
Nicollet	3	8	$4,957
Nobles	1	4	$677
Norman	1	20	$342
Olmsted	41	29	$1,048,630
Otter Tail	24	44	$117,576
Pennington	5	35	$2,508
Pine	6	21	$68,088
Pipestone	10	120	$27,293
Polk	9	28	$4,903
Pope	9	109	$28,293
Ramsey	104	21	$3,008,928
Red Lake	2	54	$679
Redwood	4	29	$350,496
Renville	12	72	$17,758
Rice	16	23	$24,248
Rock	3	23	$17,707
Roseau	13	93	$84,855
St. Louis	60	29	$674,421
Scott	14	11	$63,896
Sherburne	28	32	$232,236
Sibley	3	22	$1,851
Stearns	26	16	$367,572
Steele	8	22	$114,808
Stevens	0	0	$0
Swift	6	58	$7,105
Todd	9	37	$4,520
Traverse	0	0	$0
Wabasha	5	26	$2,453
Wadena	4	39	$1,242
Waseca	9	48	$138,198
Washington	47	21	$120,582
Watonwan	5	59	$11,283
Wilkin	6	94	$337,013
Winona	4	11	$1,660
Wright	36	32	$367,973
Yellow Medicine	3	49	$4,399
TOTAL	**1,339**	**26**	**$14,166,818**

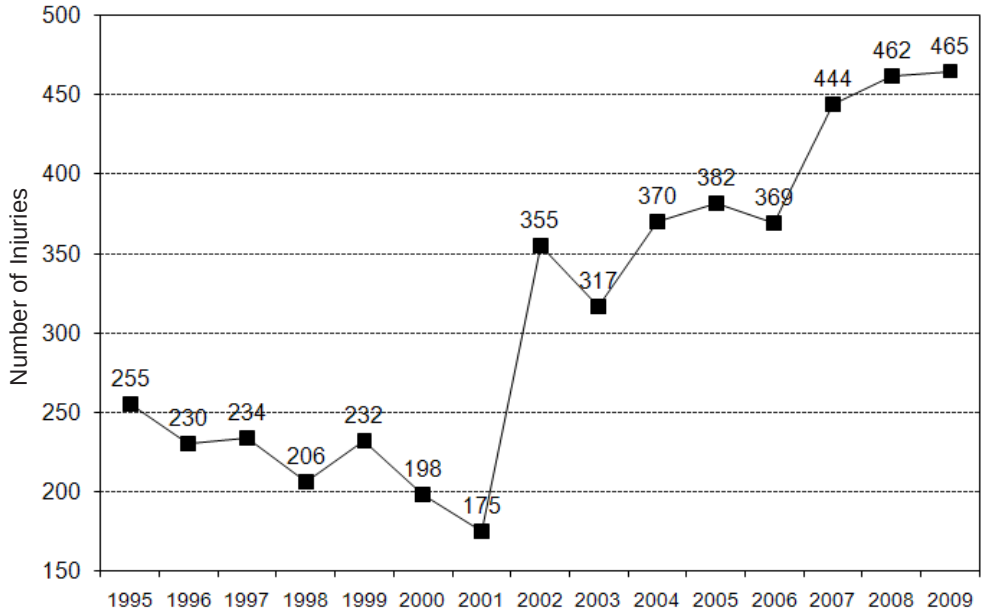
*If the number of burn injuries for a county is under 20, the rate is considered "unstable" and not necessarily accurate.

FIREFIGHTER INJURIES

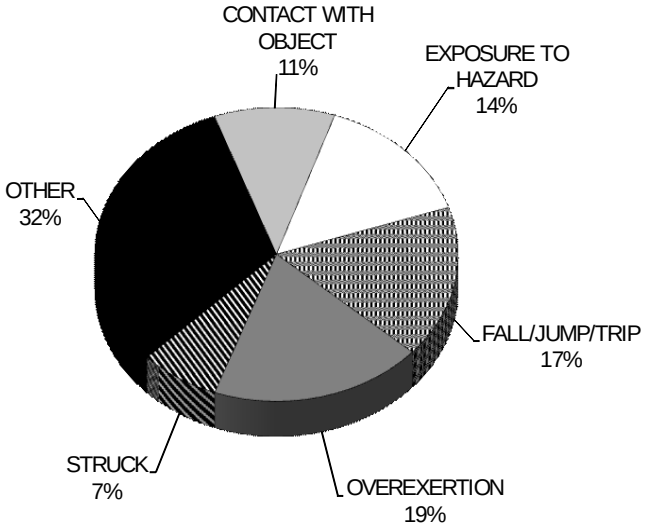
Of the 465 firefighter injuries, 242 (52%) occurred in the course of fighting fires.

In 2009, 465 Minnesota firefighters were injured while responding to, involved in, or returning from emergency situations - a slight increase from 2008. Of the 465 injuries, 242 (52%) were directly fire related. (This does not include injuries that occurred during training or at the stations.) Seventy-one percent of these fire-related injuries occurred while firefighters were fighting residential structure fires (173).

FIFTEEN-YEAR HISTORY OF MINNESOTA FIREFIGHTER INJURIES



MINNESOTA FIREFIGHTER INJURIES: CAUSES



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

Of known causes, "overexertion" at 19% with "fall/jump/trip" following at 17% had the greatest percentage of injuries.

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 2005 through 2009 totaled $1.2 million, averaging more than $239,000 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.

Prior to 2002, consumer fireworks were illegal in Minnesota. In 2002, certain types of non-aerial and non-explosive fireworks were legalized for use throughout the year. In 2002, 92 injuries were reported between June 25 and July 15, an increase of 306% over 2001. Reported injuries in 2003 totalled 89, then peaked to a high of 111 in 2004. Approximately 85% of Minnesota hospitals participate in the survey of fireworks injuries.

FIREWORKS INJURIES*
2005-2009 (June-July)
BY AGE

Years	2005		2006		2007		2008		2009		TOTAL	
of Age	**No.**	**%**	**No.**	**%**	**No.**	**%**	**No.**	**%**	**No.**	**%**	**No.**	**%**
0-9	20	22%	13	23%	15	23%	12	19%	9	16%	**69**	**21%**
10-19	38	42%	22	39%	17	26%	23	36%	11	19%	**111**	**33%**
20-29	13	14%	10	18%	19	29%	13	20%	16	28%	**71**	**21%**
30-39	10	11%	6	11%	9	14%	5	8%	12	21%	**42**	**13%**
40-49	7	8%	4	7%	4	6%	5	8%	8	14%	**28**	**8%**
50 Plus	3	3%	1	2%	1	2%	6	9%	1	2%	**12**	**4%**
Total	**91**	**100%**	**58†**	**100%**	**67†**	**100%**	**64†**	**100%**	**57**	**100%**	**333**	**100%**
Male	69	76%	39	67%	46	69%	51	77%	45	79%	250	74%
Female	22	24%	19	33%	21	31%	15	23%	12	21%	89	26%

*Information collected from survey conducted at Minnesota hospitals covering from June 25 through July 15 annually.
†There were two injuries in 2006, two injuries in 2007, and two injuries in 2008 that listed age as "unknown" or "0".

FIREWORKS FIRE INCIDENTS*
DOLLAR LOSS

	2005	2006	2007	2008	2009	TOTAL
June-July	$233,925	$373,410	$300,600	$130,866	$89,550	$1,128,351
No. of Incidents	61	116	141	92	61	471
% of Total $ Loss	91%	97%	93%	94%	94%	94%
Aver. Dollar Loss	*$3,835*	*$3,219*	*$2,132*	*$1,422*	*$1,468*	*$2,396*
Total/Year	$256,225	$384,010	$322,400	$139,366	$95,350	$1,197,351
No. of Incidents	95	141	175	123	92	626
Aver. Dollar Loss	*$2,697*	*$2,723*	*$1,842*	*$1,133*	*$1,036*	*$1,913*

*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 2009, 69% of all of the state's fire deaths and 88% of civilian injuries occurred in residential settings. Ninety-four percent of structural fire deaths were in residences. The presence or absence of a working smoke alarm is often a factor in fire fatalities. In 42% of fire deaths occurring in dwellings, smoke alarms were not present or not working. In 34% 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 2009 at 29%. Alcohol or drug use was an impairing factor in 34% of all fire deaths.

Total fire deaths decreased by 33% from 2008; all age groups, except for the young (ages 0-19) had an decrease in fire fatalities. The elderly accounted for 43% of the total fire deaths in 2009.

Twenty-seven percent 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.

Fifty-two percent of firefighter injuries took place while fighting fires; 71% of these fire-related injuries occurred at residential structure fires.

Statewide, fire deaths have decreased over the past 29 years, even as Minnesota's 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

PARTICIPATION - Minnesota Fire Incident Reporting System

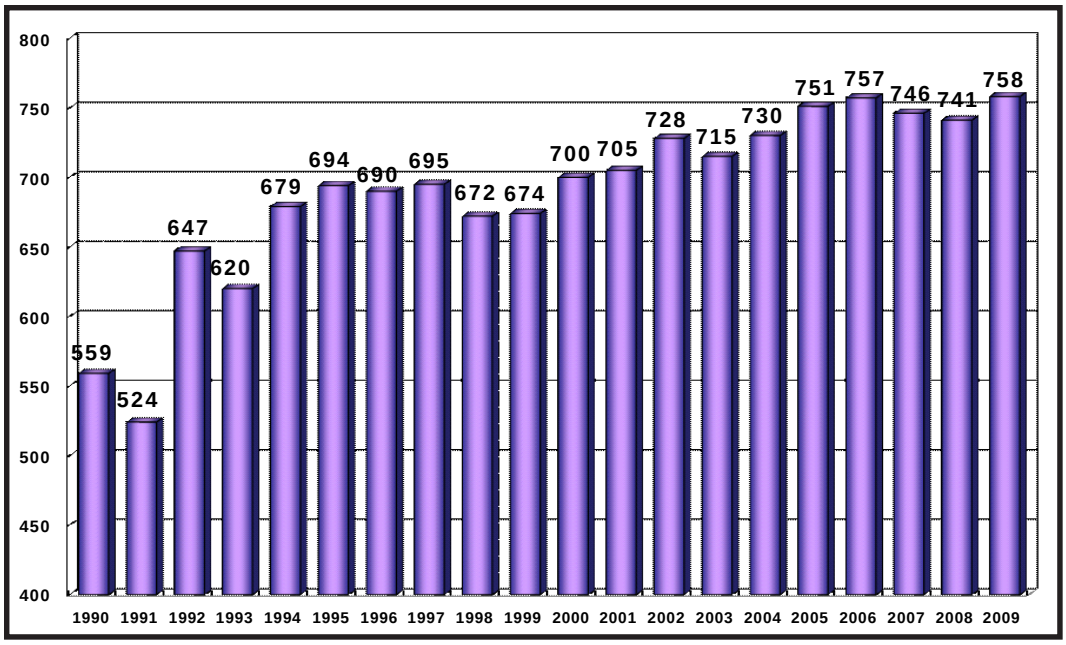
Fire information is requested on a weekly basis by the media, the public, the fire service and the fire protection community.

The Minnesota State Fire Marshal Division appreciates the efforts of the fire departments who submitted Minnesota Fire Incident Reporting System (MFIRS) reports in 2009. 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 us 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 history of Minnesota fire departments from 2005 to 2009 is listed on the following pages. Reporting departments are listed by county. In 67 counties, 100% of the fire departments reported to the MFIRS system.

FIRE DEPARTMENT MFIRS PARTICIPATION



Ninety-seven percent of fire departments reported in 2009.

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.

AITKIN COUNTY
(6) - 100% Reporting

05	06	07	08	09	
*	*	*	*	*	AITKIN
*	*	*	*	*	HILL CITY
*	*	*	*	*	JACOBSON
	*	*	*	*	MCGRATH
*	*	*	*	*	MCGREGOR VOL.
*	*	*	*	*	PALISADE VOL.

ANOKA COUNTY
(15) - 100% Reporting

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

BECKER COUNTY
(10) - 90% Reporting

*	*	*	*	*	AUDUBON
*	*	*		*	CALLAWAY
*	*	*	*	*	CARSONVILLE VOL.
*	*	*	*	*	DETROIT LAKES
*	*	*		*	ELBOW-TULABY LKS.
*	*	*	*	*	FRAZEE
*	*	*	*	*	LAKE PARK
*	*	*	*	*	OGEMA
*	*	*	*	*	WOLF LAKE
	*				White Earth

BELTRAMI COUNTY
(6) - 83% Reporting

05	06	07	08	09	
*	*	*	*	*	ALASKA
*	*	*	*	*	BEMIDJI
*	*	*	*	*	BLACKDUCK
*	*	*	*	*	KELLIHER VOL.
*	*	*	*	*	SOLWAY TWP.
	*				Red Lake

BENTON COUNTY
(3) - 100% Reporting

*	*	*	*	*	FOLEY
*	*	*	*	*	RICE
	*	*	*	*	SAUK RAPIDS

BIG STONE COUNTY
(6) - 100% Reporting

*	*	*	*	*	BEARDSLEY
*	*		*	*	CORRELL
*	*	*	*	*	CLINTON TWP.
*	*	*	*	*	GRACEVILLE
*	*	*	*	*	ODESSA
*	*	*	*	*	ORTONVILLE

BLUE EARTH COUNTY
(12) - 100% Reporting

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

BROWN COUNTY
(5) - 100% Reporting

05	06	07	08	09	
*	*	*	*	*	COMFREY
*	*	*	*	*	HANSKA
*	*	*	*	*	NEW ULM
*	*	*	*	*	SLEEPY EYE
*	*	*	*	*	SPRINGFIELD VOL.

CARLTON COUNTY
(12) - 100% Reporting

*	*	*	*	*	BARNUM VOL.
*	*	*	*	*	BLACKHOOF
*	*	*	*	*	CARLTON VOL.
*	*	*	*	*	CLOQUET AREA
*	*	*	*	*	CROMWELL VOL.
*	*	*	*	*	KETTLE RIVER
*	*	*	*	*	MAHTOWA
*	*	*	*	*	MOOSE LAKE
*	*	*	*	*	SCANLON VOL.
*	*	*	*	*	THOMSON TWP./ESKO
*	*	*	*	*	WRENSHALL
	*		*	*	WRIGHT VOL.

CARVER COUNTY
(11) - 100% Reporting

*	*	*	*	*	CARVER
*	*	*	*	*	CHANHASSEN
*	*	*	*	*	CHASKA
*	*	*	*	*	COLOGNE
*	*	*	*	*	HAMBURG
*	*	*	*	*	MAYER
*	*	*	*	*	NEW GERMANY
*	*	*	*	*	NORWD.-YNG.AMER.
*	*	*	*	*	VICTORIA
*	*	*	*	*	WACONIA
*	*	*	*	*	WATERTOWN

KEY

* Fire department submitting MFIRS each year

Fire department received USFA Fire Grant in 2008/2009

CASS COUNTY
(10) - 100% Reporting

05	06	07	08	09	
*	*	*	*	*	BACKUS VOL.
*	*	*	*	*	CASS LAKE
*	*	*		*	CROOKED LAKE
	*	*	*	*	FEDERAL DAM
*	*	*	*	*	HACKENSACK AREA
*	*	*	*	*	LONGVILLE VOL.
*	*	*	*	*	PILLAGER AREA
*	*	*	*	*	PINE RIVER
*	*	*	*	*	REMER
*		*	*	*	WALKER

CHIPPEWA COUNTY
(5) - 80% Reporting

*	*	*		*	CLARA CITY
*	*	*	*	*	MAYNARD
*	*	*	*	*	MILAN
*	*	*	*	*	MONTEVIDEO
*	*	*	*		Watson

CHISAGO COUNTY
(11) - 100% Reporting

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

CLAY COUNTY
(9) - 100% Reporting

*	*	*	*	*	BARNESVILLE
*	*	*	*	*	DILWORTH
*	*	*	*	*	GLYNDON VOL.
*	*	*		*	FELTON COMM.
*	*	*	*	*	HAWLEY
*	*	*	*	*	HITTERDAL
*	*	*	*	*	MOORHEAD
*	*	*		*	SABIN-ELMWOOD
*	*	*	*	*	ULEN

CLEARWATER COUNTY
(7) - 86% Reporting

05	06	07	08	09	
*	*	*	*	*	BAGLEY
*	*	*	*	*	BEAR CREEK
*	*	*	*	*	CLEARBROOK
*	*	*	*	*	GONVICK
	*	*	*	*	HANGAARD TWP.
*	*	*		*	SHEVLIN
*	*	*			Itasca Twp.

COOK COUNTY
(9) - 100% Reporting

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

COTTONWOOD COUNTY
(5) - 100% Reporting

*	*	*	*	*	JEFFERS
*	*	*	*	*	MOUNTAIN LAKE
*	*	*	*	*	STORDEN
*	*	*	*	*	WESTBROOK
*	*	*	*	*	WINDOM

CROW WING COUNTY
(13) - 100% Reporting

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

DAKOTA COUNTY
(12) - 100% Reporting

05	06	07	08	09	
*	*	*	*	*	APPLE VALLEY
*	*	*	*	*	BURNSVILLE
*	*	*	*	*	EAGAN
*	*	*	*	*	FARMINGTON
*	*	*	*	*	HASTINGS
*	*	*	*	*	INVER GROVE HGTS.
*	*	*	*	*	LAKEVILLE
*	*	*	*	*	MENDOTA HEIGHTS
*	*	*	*	*	MIESVILLE VOL.
*	*	*	*	*	RANDOLPH
	*	*	*	*	ROSEMOUNT
*	*	*	*	*	SOUTH METRO

DODGE COUNTY
(6) - 100% Reporting

*		*	*	*	CLAREMONT
*	*	*	*	*	DODGE CENTER
*	*	*	*	*	HAYFIELD
*	*	*	*	*	KASSON
*	*	*	*	*	MANTORVILLE
*	*	*	*	*	WEST CONCORD

DOUGLAS COUNTY
(10) - 100% Reporting

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

FARIBAULT COUNTY
(11) - 100% Reporting

05	06	07	08	09	
*	*	*	*	*	BLUE EARTH
*	*	*	*	*	BRICELYN
*	*	*	*	*	DELAVAN VOL.
*	*	*	*	*	EASTON VOL.
*	*	*	*	*	ELMORE
*	*	*	*	*	FROST
*	*	*	*	*	KIESTER
	*	*	*	*	MINNESOTA LAKE
*	*	*	*	*	WALTERS VOL.
*	*	*	*	*	WELLS
*	*	*	*	*	WINNEBAGO VOL.

FILLMORE COUNTY
(12) - 92% Reporting

*	*	*	*	*	CANTON
*	*	*	*	*	CHATFIELD
*	*	*	*	*	FOUNTAIN
*	*	*	*	*	HARMONY
*	*	*	*	*	LANESBORO
*	*	*	*	*	MABEL VOL.
*	*	*	*	*	PRESTON
*	*	*	*	*	RUSHFORD
*	*	*	*	*	SPRING VALLEY
		*	*	*	WYKOFF
*	*	*	*		Ostrander

FREEBORN COUNTY
(16) - 88% Reporting

*	*	*	*	*	ALBERT LEA
*	*	*		*	ALBERT LEA TWP.
*	*	*	*	*	ALDEN
*	*	*	*	*	CLARKS GROVE VOL.
*	*	*	*	*	CONGER
*	*	*	*	*	EMMONS
*	*		*	*	FREEBORN
				*	GENEVA
*	*	*		*	GLENVILLE
*	*	*	*	*	HAYWARD
*			*	*	HOLLANDALE
*			*	*	LONDON
*	*	*	*	*	MYRTLE
*	*	*	*	*	TWIN LAKES
*	*	*	*		Hartland
*					Manchester

GOODHUE COUNTY
(7) - 100% Reporting

05	06	07	08	09	
*	*	*	*	*	CANNON FALLS
*	*	*	*	*	GOODHUE
*	*	*	*	*	KENYON
*	*	*	*	*	PINE ISLAND
*	*	*	*	*	RED WING
*	*	*	*	*	WANAMINGO
*	*	*	*	*	ZUMBROTA

GRANT COUNTY
(6) - 83% Reporting

*	*	*	*	*	ASHBY
*	*	*		*	BARRETT
*	*	*	*	*	ELBOW LAKE
*	*	*	*	*	HERMAN
*	*	*	*	*	HOFFMAN
*	*	*	*	*	WENDELL

HENNEPIN COUNTY
(30) - 100% Reporting

*	*	*	*	*	BLOOMINGTON
*	*	*	*	*	BROOKLYN CENTER
*	*	*	*	*	BROOKLYN PARK
*	*	*	*	*	DAYTON
*	*	*	*	*	EDEN PRAIRIE
*	*	*	*	*	EDINA
*	*	*	*	*	EXCELSIOR
*	*	*	*	*	GOLDEN VALLEY
*	*	*	*	*	HAMEL
*	*	*	*	*	HANOVER
*	*	*	*	*	HOPKINS
*	*	*	*	*	LONG LAKE
*	*	*	*	*	LORETTO VOL.
*	*	*	*	*	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

05	06	07	08	09	
*	*	*	*	*	WAYZATA
*	*	*	*	*	WEST METRO

HOUSTON COUNTY
(7) - 100% Reporting

*	*	*	*	*	BROWNSVILLE
*	*	*	*	*	CALEDONIA
*		*	*	*	EITZEN
*	*	*	*	*	HOKAH VOL.
*	*	*	*	*	HOUSTON
*	*	*	*	*	LACRESCENT
*	*	*	*	*	SPRING GROVE

HUBBARD COUNTY
(5) - 80% Reporting

	*	*	*	*	EAST HUBBARD CO.
*	*	*	*	*	LAPORTE/LAKEPORT
*	*	*	*	*	NEVIS
*	*	*	*	*	PARK RAPIDS
*	*				Lake George

ISANTI COUNTY
(4) - 100% Reporting

	*	*	*	*	BRAHAM
*	*	*	*	*	CAMBRIDGE
*	*	*	*	*	DALBO
*	*	*	*	*	ISANTI VOL.

ITASCA COUNTY
(16) - 94% Reporting

*	*	*	*	*	BALSAM VOL.
*	*	*	*	*	BEARVILLE TWP.
*		*		*	BIGFORK VOL.
*	*	*	*	*	BOVEY
*	*	*	*	*	CALUMET
*	*	*	*	*	COHASSET
*	*	*	*	*	COLERAINE
*	*	*	*	*	DEER RIVER
*	*	*	*	*	GRAND RAPIDS
*	*	*	*	*	KEEWATIN VOL.
*	*		*	*	MARBLE
*	*	*	*	*	NASHWAUK
*	*	*	*	*	SQUAW LAKE
*	*	*	*	*	TACONITE
*	*	*	*	*	WARBA
*	*		*		Goodland

JACKSON COUNTY
(5) - 100% Reporting

05	06	07	08	09	
*	*	*	*	*	ALPHA
*	*	*	*	*	HERON LAKE VOL.
*	*	*	*	*	JACKSON
*	*	*	*	*	LAKEFIELD
*	*	*	*	*	OKABENA

KANABEC COUNTY
(2) - 100% Reporting

*	*	*	*	*	MORA
*	*	*	*	*	OGILVIE

KANDIYOHI COUNTY
(11) - 100% Reporting

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

KITTSON COUNTY
(5) - 100% Reporting

*	*	*	*	*	HALLOCK
*	*	*	*	*	KARLSTAD VOL.
*	*	*	*	*	KENNEDY
*	*	*	*	*	LAKE BRONSON
*	*	*	*	*	LANCASTER

KOOCHICHING COUNTY
(6) - 100% Reporting

*	*	*	*	*	BIG FALLS VOL.
*	*	*		*	BIRCHDALE RURAL
*	*	*	*	*	INTERNATIONAL FALLS
*	*	*	*	*	LITTLEFORK
*	*			*	LOMAN RURAL
*	*	*	*	*	NORTHOME

LAC QUI PARLE COUNTY
(7) - 100% Reporting

05	06	07	08	09	
*	*	*	*	*	BELLINGHAM
*	*	*	*	*	BOYD
*	*	*	*	*	DAWSON
*	*	*	*	*	LOUISBURG
*	*	*	*	*	MADISON
*	*	*	*	*	MARIETTA
*	*	*	*	*	NASSAU

LAKE COUNTY
(4) - 100% Reporting

	*			*	BEAVER BAY VOL.
*	*	*	*	*	FINLAND
*	*	*	*	*	SILVER BAY
*	*	*	*	*	TWO HARBORS

LAKE OF THE WOODS CO.
(3) - 100% Reporting

*	*	*	*	*	BAUDETTE
				*	NORTHWEST ANGLE
*	*	*	*	*	WILLIAMS

LESUEUR COUNTY
(8) - 100% Reporting

*	*	*	*	*	CLEVELAND
*	*	*	*	*	ELYSIAN
*	*	*	*	*	KASOTA
*	*	*	*	*	KILKENNY
*	*	*	*	*	LE CENTER
*	*	*	*	*	LESUEUR
*	*	*	*	*	MONTGOMERY
*	*	*	*	*	WATERVILLE

LINCOLN COUNTY
(5) - 100% Reporting

*	*	*	*	*	ARCO
		*	*	*	HENDRICKS
*	*	*	*	*	IVANHOE
*	*	*	*	*	LAKE BENTON
*	*	*	*	*	TYLER

LYON COUNTY
(10) - 100% Reporting

05	06	07	08	09	
*	*	*	*	*	BALATON
*	*	*	*	*	COTTONWOOD
*	*	*	*	*	GARVIN
*	*	*	*	*	GHENT
*	*	*	*	*	LYND
*	*	*	*	*	MARSHALL
*	*	*	*	*	MINNEOTA
*	*	*	*	*	RUSSELL
*	*	*	*	*	TAUNTON
*	*	*	*	*	TRACY

MCLEOD COUNTY
(8) - 100% Reporting

*	*	*	*	*	BROWNTON VOL.
*	*	*	*	*	GLENCOE
*	*	*	*	*	HUTCHINSON
*	*	*	*	*	LESTER PRAIRIE
*	*	*	*	*	PLATO
*	*	*	*	*	SILVER LAKE
*	*	*	*	*	STEWART
*	*	*	*	*	WINSTED

MAHNOMEN COUNTY
(3) - 67% Reporting

*	*	*	*	*	MAHNOMEN
*	*	*	*	*	WAUBUN
*	*	*	*		Twin Lakes Vol.

MARSHALL COUNTY
(9) - 89% Reporting

*	*	*	*	*	ALVARADO VOL.
*	*	*	*	*	ARGYLE
	*	*		*	GRYGLA
*	*	*		*	MIDDLE RIVER
*	*	*	*	*	NEWFOLDEN
*	*	*		*	STEPHEN
*	*	*	*	*	VIKING
*	*	*	*	*	WARREN
*	*	*			Oslo

MARTIN COUNTY
(10) - 100% Reporting

05	06	07	08	09	
*	*	*	*	*	CEYLON
*	*	*	*	*	DUNNELL
*	*	*	*	*	FAIRMONT
		*	*	*	GRANADA
*	*	*	*	*	NORTHROP
*	*	*	*	*	SHERBURN
*	*	*	*	*	TRIMONT
*	*	*	*	*	TRUMAN
*	*	*	*	*	WELCOME

MEEKER COUNTY
(6) - 100% Reporting

*	*	*	*	*	COSMOS
*	*	*	*	*	DASSEL
*	*	*	*	*	EDEN VALLEY
*	*	*	*	*	GROVE CITY
*	*	*	*	*	LITCHFIELD
*	*	*	*	*	WATKINS

MILLE LACS COUNTY
(5) - 100% Reporting

*	*	*	*	*	FORESTON
*	*	*	*	*	ISLE
*	*	*	*	*	MILACA
*	*	*	*	*	ONAMIA
*	*	*	*	*	PRINCETON

MORRISON COUNTY
(10) - 100% Reporting

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

MOWER COUNTY
(9) - 89% Reporting

05	06	07	08	09	
*	*	*	*	*	ADAMS VOL.
*	*	*	*	*	AUSTIN
*	*	*	*	*	BROWNSDALE
	*	*	*	*	DEXTER VOL
*	*	*	*	*	GRAND MEADOW
*	*	*	*	*	LE ROY
*	*	*	*	*	LYLE
*	*	*	*	*	ROSE CREEK AREA
*	*				Mapleview

MURRAY COUNTY
(8) - 75% Reporting

*	*	*	*	*	CHANDLER
	*	*	*	*	CURRIE
*	*	*	*	*	DOVRAY
*	*	*	*	*	FULDA
*			*	*	IONA
*	*	*	*	*	SLAYTON
	*		*		Avoca
*	*				Lake Wilson

NICOLLET COUNTY
(5) - 100% Reporting

*	*	*	*	*	COURTLAND
*	*	*	*	*	LAFAYETTE
*	*	*	*	*	NICOLLET
*	*	*	*	*	NORTH MANKATO
*	*	*	*	*	ST. PETER

NOBLES COUNTY
(10) - 100% Reporting

*	*	*	*	*	ADRIAN
*	*	*	*	*	BIGELOW
*	*	*	*	*	BREWSTER
				*	DUNDEE
*	*	*	*	*	ELLSWORTH
*	*	*	*	*	LISMORE
*	*	*	*	*	ROUND LAKE
*	*	*	*	*	RUSHMORE
*	*	*	*	*	WILMONT
*	*	*	*	*	WORTHINGTON

NORMAN COUNTY
(8) - 100% Reporting

05	06	07	08	09	
*	*	*	*	*	ADA
*	*	*	*	*	BORUP
*	*	*	*	*	GARY VOL.
*	*	*	*	*	HALSTAD
*	*	*	*	*	HENDRUM
*		*	*	*	PERLEY-LEE TWP.
	*	*	*	*	SHELLY
*	*	*	*	*	TWIN VALLEY

OLMSTED COUNTY
(7) - 100% Reporting

*	*	*	*	*	BYRON
*	*	*	*	*	DOVER
*	*	*	*	*	EYOTA VOL.
*	*	*	*	*	ORONOCO
*	*	*	*	*	ROCHESTER
*	*	*	*	*	ROCHESTER ARPT.
*		*	*	*	STEWARTVILLE

OTTER TAIL COUNTY
(16) - 94% Reporting

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

PENNINGTON COUNTY
(3) - 100% Reporting

*	*	*	*	*	GOODRIDGE AREA
*	*	*	*	*	ST. HILAIRE
*	*	*	*	*	THIEF RIVER FALLS

PINE COUNTY
(11) - 82% Reporting

05	06	07	08	09	
*	*	*	*	*	ASKOV VOL.
*	*	*	*	*	BROOK PARK
*	*	*	*	*	BRUNO
*	*	*	*	*	HINCKLEY VOL.
*	*	*	*	*	KERRICK
*	*	*	*	*	PINE CITY
*	*	*	*	*	SANDSTONE VOL.
*	*	*	*	*	STURGEON LAKE
*	*	*	*	*	WILLOW RIVER
*	*	*			Duxbury
					Finlayson

PIPESTONE COUNTY
(6) - 100% Reporting

*	*	*	*	*	EDGERTON
*	*	*	*	*	HOLLAND
*	*	*	*	*	JASPER
*	*	*	*	*	PIPESTONE
*	*	*	*	*	RUTHTON
*	*	*	*	*	WOODSTOCK

POLK COUNTY
(12) - 100% Reporting

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

POPE COUNTY
(6) - 100% Reporting

*	*	*	*	*	CYRUS
*	*	*	*	*	GLENWOOD
*	*	*	*	*	LOWRY
*	*	*	*	*	SEDAN
*		*	*	*	STARBUCK
*	*	*	*	*	VILLARD VOL.

RAMSEY COUNTY
(11) - 100% Reporting

05	06	07	08	09	
*	*	*	*	*	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
(3) - 100% Reporting

*	*	*	*	*	OKLEE
*	*	*	*	*	PLUMMER
*	*	*	*	*	RED LAKE FALLS

REDWOOD COUNTY
(14) - 100% Reporting

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

RENVILLE COUNTY
(10) - 100% Reporting

*	*	*	*	*	BIRD ISLAND
*	*	*	*	*	BUFFALO LAKE
*	*	*	*	*	DANUBE
*	*	*	*	*	FAIRFAX
*	*	*	*	*	FRANKLIN
*	*	*	*	*	HECTOR
*	*	*	*	*	MORTON
*	*	*	*	*	OLIVIA
*	*	*	*	*	RENVILLE
*	*	*	*	*	SACRED HEART

RICE COUNTY
(5) - 100% Reporting

05	06	07	08	09	
*	*	*	*	*	FARIBAULT
	*	*	*	*	LONSDALE
*	*	*	*	*	MORRISTOWN
*	*	*	*	*	NERSTRAND VOL.
*	*	*	*	*	NORTHFIELD

ROCK COUNTY
(6) - 100% Reporting

*	*	*	*	*	BEAVER CREEK
*	*	*	*	*	HARDWICK
*	*	*	*	*	HILLS
*	*	*	*	*	KENNETH VOL.
*	*	*	*	*	LUVERNE
*	*	*	*	*	MAGNOLIA

ROSEAU COUNTY
(4) - 75% Reporting

*	*	*	*	*	BADGER
*	*	*	*	*	GREENBUSH
*	*	*	*	*	ROSEAU
*	*				Warroad

ST. LOUIS COUNTY
(70) - 94% Reporting

*	*	*	*	*	ALBORN
*	*	*	*	*	ARROWHEAD
*	*	*	*	*	AURORA
*	*	*	*	*	BABBITT VOL.
*	*		*	*	BIWABIK TWP. VOL.
*	*	*	*	*	BIWABIK VOL.
*	*	*	*	*	BREITUNG
*	*	*	*	*	BREVATOR
*	*	*	*	*	BRIMSON AREA VOL.
*	*	*	*	*	BUHL VOL.
*	*	*	*	*	CANOSIA VOL.
*	*	*	*	*	CENTRAL LAKES VOL.
*	*	*	*	*	CHERRY TWP.
*	*	*	*	*	CHISHOLM
*	*	*	*	*	CLIFTON
*	*	*	*	*	CLINTON VOL.
*	*	*	*	*	COLVIN TWP.
*	*	*	*	*	COOK
*	*	*	*	*	COTTON VOL.
*	*		*	*	CRANE LAKE
*	*	*	*	*	CULVER
*	*	*	*	*	DULUTH
*	*	*	*	*	EAGLES NEST

05	06	07	08	09	
*	*	*	*	*	ELLSBURG
*	*	*	*	*	ELMER
*	*	*	*	*	ELY
*	*	*	*	*	EMBARRASS VOL.
*	*	*	*	*	EVELETH
*	*	*	*	*	EVERGREEN
*	*	*	*	*	FAYAL
*	*	*	*	*	FLOODWOOD
*	*	*	*	*	FREDENBERG
*	*	*	*	*	FRENCH VOL.
*	*	*	*	*	GILBERT
*	*	*	*	*	GNESEN VOL.
*	*	*	*	*	GRAND LAKE VOL.
*	*	*	*	*	HERMANTOWN VOL.
*	*	*	*	*	HIBBING
*	*	*	*	*	HOYT LAKES
*	*	*	*	*	INDUSTRIAL VOL.
*	*	*	*	*	KABETOGAMA
*	*	*	*	*	KELSEY VOL.
*	*	*	*	*	KINNEY-GRT. SCOTT
*	*	*	*	*	LAKELAND VOL.
*	*	*	*	*	LAKEWOOD TWP.
*	*	*	*	*	MAKINEN
*	*	*	*	*	MC DAVITT
*	*	*	*	*	MC KINLEY VOL.
*	*	*	*	*	MEADOWLNDS AREA
	*	*	*	*	MORSE-FALL LK. VOL.
*	*	*	*	*	MOUNTAIN IRON
*	*	*	*	*	NORMANNA VOL.
*	*	*	*	*	NORTH STAR TWP.
	*	*	*	*	NORTHLAND
*	*			*	ORR VOL.
*	*	*	*	*	PALO TWP.
*	*	*	*	*	PEQUAYWAN LAKE
*	*	*	*	*	PIKE-SANDY-BRITT
*	*	*	*	*	PROCTOR
*	*	*	*	*	RICE LAKE VOL.
*	*	*	*	*	SILICA AREA
*	*	*	*	*	SOLWAY RURAL
*	*	*	*	*	TOIVOLA TWP.
*	*	*	*	*	TOWER
*	*	*	*	*	VERMILLION LAKE
*	*	*	*	*	VIRGINIA
*					Bois Forte
*		*	*		Buyck Comm. Vol.
*	*				Greaney-Rauch-Silverdale
*	*	*			Greenwood Twp.

SCOTT COUNTY

(8) - 100% Reporting

05	06	07	08	09	
*	*	*	*	*	BELLE PLAINE
*	*	*	*	*	ELKO-NEW MARKET
*	*	*	*	*	JORDAN
*	*	*		*	MDEWAKANTON SIOUX
*	*	*	*	*	NEW PRAGUE
*	*	*	*	*	PRIOR LAKE
*	*	*	*	*	SAVAGE
*	*	*	*	*	SHAKOPEE

SHERBURNE COUNTY

(6) - 100% Reporting

*	*	*	*	*	BECKER VOL.
*	*	*	*	*	BIG LAKE
*	*	*	*	*	CLEAR LAKE
*	*	*	*	*	ELK RIVER
*	*	*	*	*	NE. SHERBURNE
*	*	*	*	*	ZIMMERMAN-LIVONIA

SIBLEY COUNTY

(7) - 100% Reporting

*	*	*	*	*	ARLINGTON
*	*	*	*	*	GAYLORD
*	*	*	*	*	GIBBON
*	*	*	*	*	GREEN ISLE
*	*	*	*	*	HENDERSON
*	*	*	*	*	NEW AUBURN
*	*	*	*	*	WINTHROP VOL.

STEARNS COUNTY

(24) - 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

05	06	07	08	09	
*	*	*	*	*	ST. CLOUD
*	*	*		*	ST. JOHN'S UNIV.
*	*	*	*	*	ST. JOSEPH VOL.
*	*	*	*	*	ST. MARTIN
*	*	*	*	*	ST. STEPHEN
*	*	*	*	*	WAITE PARK

STEELE COUNTY

(4) - 100% Reporting

*	*	*	*	*	BLOOMING PRAIRIE
				*	ELLENDALE VOL.
*	*	*	*	*	MEDFORD VOL.
*	*	*	*	*	OWATONNA

STEVENS COUNTY

(4) - 100% Reporting

*	*	*	*	*	CHOKIO
*	*	*	*	*	DONNELLY
*	*	*	*	*	HANCOCK
*	*	*	*	*	MORRIS

SWIFT COUNTY

(7) - 100% Reporting

*	*	*	*	*	APPLETON
*	*	*	*	*	BENSON
*	*	*	*	*	CLONTARF
*	*	*	*	*	DANVERS
*	*	*	*	*	DEGRAFF
*	*	*	*	*	KERKHOVEN
*	*	*	*	*	MURDOCK

TODD COUNTY

(8) - 100% Reporting

*	*	*	*	*	BERTHA
*	*	*	*	*	BROWERVILLE
*	*	*	*	*	CLARISSA
*	*		*	*	EAGLE BEND
*	*	*	*	*	GREY EAGLE
*	*	*	*	*	HEWITT
*	*	*	*	*	LONG PRAIRIE
*	*	*	*	*	STAPLES

TRAVERSE COUNTY

(4) - 100% Reporting

*	*	*	*	*	BROWNS VALLEY
*	*	*	*	*	DUMONT
*	*	*	*	*	TINTAH
*	*	*	*	*	WHEATON

WABASHA COUNTY
(7) - 100% Reporting

05	06	07	08	09	
*	*	*	*	*	ELGIN
*	*	*	*	*	KELLOGG
*	*	*	*	*	LAKE CITY
*	*	*	*	*	MAZEPPA VOL.
*	*	*	*	*	PLAINVIEW
*	*	*	*	*	WABASHA
*	*	*	*	*	ZUMBRO FALLS

WADENA COUNTY
(4) - 100% Reporting

	*		*	*	MENAHGA
*	*	*	*	*	SEBEKA
*	*	*	*	*	VERNDALE
*	*	*	*	*	WADENA

WASECA COUNTY
(4) - 100% Reporting

*	*	*	*	*	JANESVILLE
*	*	*	*	*	NEW RICHLAND
*	*	*	*	*	WALDORF
*	*	*	*	*	WASECA

WASHINGTON COUNTY
(14) - 100% Reporting

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

WATONWAN COUNTY
(8) - 100% Reporting

05	06	07	08	09	
*	*	*	*	*	BUTTERFIELD
*	*	*	*	*	DARFUR
*	*	*	*	*	LASALLE
*	*	*	*	*	LEWISVILLE
*	*	*		*	MADELIA
*	*	*	*	*	ODIN
*	*	*	*	*	ORMSBY
*	*	*	*	*	ST. JAMES

WILKIN COUNTY
(6) - 50% Reporting

*	*	*	*	*	BRECKENRIDGE
*				*	FOXHOME
*	*	*	*	*	ROTHSAY
*	*				Abercrombie
	*	*	*		Campbell
*	*	*	*		Wolverton

WINONA COUNTY
(13) - 92% Reporting

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

WRIGHT COUNTY
(14) - 100% Reporting

05	06	07	08	09	
*	*	*	*	*	ALBERTVILLE
*	*	*	*	*	ANNANDALE
*	*	*	*	*	BUFFALO
*	*	*	*	*	CLEARWATER
*	*	*	*	*	COKATO
*	*	*	*	*	DELANO VOL.
*	*	*	*	*	HOWARD LAKE
*	*	*	*	*	MAPLE LAKE
*	*	*	*	*	MONTICELLO
*	*	*	*	*	MONTROSE
*	*	*	*	*	ROCKFORD
*	*	*	*	*	SOUTH HAVEN
*	*	*	*	*	ST. MICHAEL
*	*	*	*	*	WAVERLY

YELLOW MEDICINE COUNTY
(8) - 88% Reporting

*	*	*	*	*	CANBY
*	*	*	*	*	CLARKFIELD
*	*	*	*	*	ECHO
*	*	*	*	*	GRANITE FALLS
*	*	*	*	*	HANLEY FALLS
*	*	*	*	*	PORTER
*	*	*	*	*	WOODLAKE
*	*	*	*		St. Leo

In 2009, 30 fire departments began/resumed participating in the MFIRS Program.

We welcome new and returning departments reporting in 2009:

Albert Lea Twp.
Barrett
Beaver Bay Vol.
Bigfork Vol.
Birchdale Rural
Callaway
Clara City
Crooked Lake
Dundee
Elbow-Tulaby Lks.
Ellendale Vol.
Felton Comm.
Fifty-Lakes
Foxhome
Geneva
Glenville
Grygla
Harris
Loman Rural
Madelia
Mdewakanton Sioux
Middle River
Northwest Angle
Orr Vol.
Prinsburg
Sabin-Elmwood
Shevlin
St. John's Univ.
Stephen
Wabasso Vol.

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 number of persons indicated. For example, in Aitkin County in 2009, there was one fire for every 276 people.)*

County	Population	Total Fire Runs	Total Other Runs	Total Co. Dollar Loss	Fire Rate	Average Dollar Loss/Fire	Fire Deaths
*Aitkin	16,031	76	125	$945,450	276	$16,301	2
*Anoka	319,950	1,030	15,120	$8,806,255	381	$10,496	1
Becker	31,817	186	389	$989,200	236	$7,327	3
Beltrami	42,263	108	2,568	$621,676	414	$6,095	
*Benton	38,099	145	422	$528,900	286	$3,977	
*Big Stone	5,602	33	31	$318,300	267	$15,157	
*Blue Earth	57,409	209	2,643	$478,300	304	$2,531	1
*Brown	26,763	78	109	$726,664	372	$10,093	
*Carlton	33,639	217	2,847	$2,181,700	244	$15,809	
*Carver	82,122	190	1,949	$1,951,275	544	$12,922	1
*Cass	28,460	157	319	$1,099,400	209	$8,084	
Chippewa	12,659	33	63	$795,000	527	$33,125	
*Chisago	48,349	201	640	$2,608,750	331	$17,868	1
*Clay	52,905	179	3,024	$1,084,675	337	$6,909	
Clearwater	8,437	42	69	$0	256	$0	1
*Cook	5,317	43	47	$495,200	172	$15,974	
*Cottonwood	11,961	42	39	$1,067,500	315	$28,092	
*Crow Wing	59,431	222	911	$3,516,250	316	$18,703	1
*Dakota	379,058	918	15,343	$9,516,015	440	$11,052	2
*Dodge	19,355	81	284	$1,483,004	293	$22,470	
*Douglas	34,628	138	380	$992,550	279	$8,004	
*Faribault	15,642	84	141	$478,200	252	$7,713	
Fillmore	21,321	108	137	$408,200	240	$4,587	
Freeborn	31,971	87	869	$903,050	492	$13,893	
*Goodhue	45,496	153	1,481	$1,572,700	340	$11,737	
Grant	6,118	47	82	$1,261,625	219	$45,058	
*Hennepin	1,120,897	3,577	62,263	$32,167,737	350	$10,030	3
*Houston	19,890	88	391	$346,900	326	$5,687	
Hubbard	18,849	47	61	$724,039	438	$16,838	1
*Isanti	36,546	125	635	$1,012,650	338	$9,376	
Itasca	44,316	250	1,080	$1,455,575	205	$6,739	1
*Jackson	11,234	58	82	$6,000	250	$133	2
*Kanabec	16,056	66	33	$3,112,700	365	$70,743	
*Kandiyohi	41,191	210	437	$1,401,700	286	$9,734	1
*Kittson	4,820	46	77	$339,500	127	$8,934	
*Koochiching	13,863	21	474	$712,750	730	$37,513	
*Lac Qui Parle	7,756	55	68	$486,000	204	$12,789	
*Lake	11,218	43	142	$656,150	330	$19,299	
*Lake of the Woods	4,404	10	8	$11,000	629	$1,571	
*LeSueur	27,166	90	393	$1,421,150	372	$19,468	
*Lincoln	6,178	27	10	$101,100	412	$6,740	
*Lyon	24,703	134	212	$584,702	294	$6,961	
*McLeod	36,190	145	853	$1,791,426	315	$15,578	
Mahnomen	5,081	23	9	$60,000	339	$4,000	
Marshall	10,015	59	107	$104,300	189	$1,968	

County	Population	Total Fire Runs	Total Other Runs	Total Co. Dollar Loss	Fire Rate	Average Dollar Loss/Fire	Fire Deaths
*Martin	21,044	83	124	$548,895	334	$8,713	
*Meeker	23,277	87	284	$349,935	315	$4,729	
*Mille Lacs	25,079	121	313	$1,279,500	251	$12,795	
*Morrison	32,689	107	270	$2,099,075	324	$20,783	1
Mower	38,998	155	439	$1,302,550	287	$9,578	
Murray	8,995	45	60	$692,000	243	$18,703	
*Nicollet	30,829	64	283	$288,300	571	$5,339	
*Nobles	20,477	75	196	$650,650	336	$10,666	1
*Norman	7,085	39	67	$51,825	221	$1,620	
*Olmsted	133,283	285	7,578	$3,456,321	513	$13,294	
Otter Tail	57,931	183	583	$2,269,499	386	$15,130	
*Pennington	13,545	40	152	$405,700	356	$10,676	
Pine	28,116	166	404	$2,139,200	236	$17,976	1
*Pipestone	9,579	59	86	$531,700	195	$10,851	
*Polk	31,123	173	1,293	$2,234,200	202	$14,508	
*Pope	11,227	66	110	$81,119	234	$1,690	
*Ramsey	499,498	2,091	23,360	$13,011,762	244	$6,369	
*Red Lake	4,289	23	19	$411,020	195	$18,683	
*Redwood	16,201	80	60	$141,015	324	$2,820	1
*Renville	16,701	82	67	$471,000	232	$6,542	
*Rice	60,418	194	1,757	$2,485,450	316	$13,013	1
*Rock	9,579	51	66	$247,620	290	$7,504	1
Roseau	16,308	29	33	$225,500	582	$8,054	1
St. Louis	198,136	965	15,993	$9,976,186	251	$12,628	
*Scott	114,794	302	3,234	$2,936,180	470	$12,034	1
*Sherburne	78,762	221	1,229	$1,731,900	442	$9,730	
*Sibley	15,230	59	197	$1,145,200	363	$27,267	1
*Stearns	141,055	542	5,831	$3,073,520	291	$6,350	1
*Steele	35,166	113	518	$518,240	345	$5,081	
*Stevens	9,935	26	73	$295,850	497	$14,793	
*Swift	11,478	63	72	$231,000	239	$4,813	
*Todd	24,647	92	91	$741,600	293	$8,829	2
*Traverse	3,871	21	13	$70,325	215	$3,907	
*Wabasha	22,215	103	329	$760,800	292	$10,011	
*Wadena	13,603	65	17	$2,560,603	223	$41,977	
*Waseca	19,270	89	330	$1,804,700	283	$26,540	2
*Washington	216,660	526	11,251	$8,152,818	485	$18,239	
*Watonwan	11,390	73	110	$235,500	237	$4,906	
Wilkin	6,784	19	68	$272,700	452	$18,180	
Winona	49,046	131	2,160	$45,527,250	430	$399,362	
*Wright	106,889	361	2,425	$1,464,500	399	$5,465	
Yellow Medicine	10,580	48	34	$460,250	230	$10,005	
		17,998	198,946†	$208,658,176	330	$13,508	35

*Indicates counties with 100% fire department participation

†Total may not equal "other non-fire" run totals due to statistical inconsistencies in elements of the Minnesota Fire Incident Reporting System

FIRE DEPARTMENT RESPONSES AND DOLLAR LOSS AS REPORTED BY MFIRS DATA

City	Total Fire Runs	Total Other Runs	Dollar Loss
ADA	4	25	$0
ADAMS	9	17	$20,900
ADRIAN	7	50	$0
AITKIN	29	36	$660,350
ALASKA	10	2	$76,101
ALBANY	15	105	$0
ALBERT LEA	30	679	$500,750
ALBERT LEA TWP.	3	41	$0
ALBERTVILLE	28	221	$0
ALBORN	5	42	$105,100
ALDEN	8	59	$38,000
ALEXANDRIA	55	144	$219,000
ALMELUND	16	0	$70,000
ALPHA	8	12	$2,000
ALTURA	9	12	$45,000
ALVARADO	6	18	$0
AMBOY	8	44	$6,000
ANDOVER	51	997	$750,000
ANNANDALE	12	119	$101,000
ANOKA-CHAMPLIN	105	585	$1,393,100
APPLE VALLEY	105	1,199	$726,375
APPLETON	12	10	$103,000
*ARCO	0	0	$0
ARGYLE	8	35	$0
ARLINGTON	15	45	$421,000
ARROWHEAD	10	2	$0
ASHBY	12	1	$332,500
ASKOV	10	73	$7,000
ATWATER	22	17	$405,000
AUDUBON	26	14	$55,000
AURORA	12	13	$206,000
AUSTIN	73	312	$948,050
AVON	15	141	$8,500
BABBITT	11	36	$0
BACKUS	12	13	$0
BADGER	6	2	$5,000
BAGLEY	14	15	$0
BALATON	18	17	$0
BALSAM VOL.	11	57	$42,275
BARNESVILLE	20	28	$16,850
BARNUM	18	94	$0
BARRETT	5	17	$529,000
BATTLE LAKE	11	5	$0
BAUDETTE	6	7	$11,000
BAYPORT	42	634	$1,771,000

City	Total Fire Runs	Total Other Runs	Dollar Loss
*BEAR CREEK	0	0	$0
BEARDSLEY	5	4	$0
BEARVILLE TWP.	4	2	$197,600
BEAVER BAY	1	2	$0
BEAVER CREEK	11	17	$211,650
BECKER	36	330	$35,000
BELGRADE	20	49	$73,000
BELLE PLAINE	32	68	$80,000
BELLINGHAM	12	25	$0
BELTRAMI	3	4	$0
BELVIEW	2	3	$0
BEMIDJI	78	2,522	$0
BENSON	24	43	$0
BERTHA	7	0	$213,500
BETHEL	13	27	$0
BIG FALLS	3	16	$156,000
BIG LAKE	23	159	$0
BIGELOW	6	1	$1,000
BIGFORK	16	18	$0
BIRCHDALE	1	0	$0
BIRD ISLAND	6	1	$0
BIWABIK	4	14	$73,500
BIWABIK TWP.	5	8	$0
BLACKDUCK	7	22	$65,900
BLACKHOOF	14	0	$41,600
BLOMKEST	9	3	$68,000
BLOOMING PRAIRIE	23	29	$154,000
BLOOMINGTON	217	873	$2,228,436
BLUE EARTH	20	66	$0
BLUFFTON	6	2	$400
BORUP	7	4	$22,000
BOVEY	6	79	$0
BOWLUS	2	5	$0
BOYD	7	17	$0
BRAHAM	6	2	$0
BRAINERD	84	361	$1,680,350
BRANDON	9	46	$50,000
BRECKENRIDGE	8	14	$251,000
BREITUNG TWP.	1	9	$0
BREVATOR TWP.	10	8	$169,000
BREWSTER	9	12	$66,100
BRICELYN	5	5	$200,500
BRIMSON	9	3	$260,000
BROOK PARK	11	13	$150,500
BROOKLYN CENTER	122	1,104	$500,000

City	Total Fire Runs	Total Other Runs	Dollar Loss
BROOKLYN PARK	278	5,434	$1,952,575
BROOTEN	19	21	$296,000
BROWERVILLE	15	18	$60,000
BROWNS VALLEY	7	1	$70,025
BROWNSDALE	9	41	$135,000
BROWNSVILLE	3	2	$0
BROWNTON	10	63	$27,000
BRUNO	9	5	$136,500
BUFFALO	40	205	$1,120,000
BUFFALO LAKE	1	1	$0
BUHL	4	10	$6,000
BURNSVILLE	152	4,701	$1,617,740
BUTTERFIELD	5	0	$11,000
BYRON	13	39	$28,000
CALEDONIA	20	31	$181,500
CALLAWAY	4	6	$0
CALUMET	12	116	$0
CAMBRIDGE	49	92	$1,000
CANBY	10	11	$41,000
CANNON FALLS	22	318	$0
CANOSIA TWP.	11	95	$325,000
CANTON	7	1	$0
CARLOS	5	0	$0
CARLTON	24	76	$140,000
CARSONVILLE	37	148	$246,200
CARVER	11	119	$11,000
CASS LAKE	41	40	$75,000
CENTENNIAL	51	907	$101,000
CENTER CITY	14	11	$0
CENTRAL LAKES	1	0	$1,000
CEYLON	2	0	$103,000
CHANDLER	8	13	$188,000
CHANHASSEN	37	500	$165,000
CHASKA	27	385	$2,000
CHATFIELD	14	32	$55,000
CHERRY TWP.	17	3	$500
CHISAGO CITY	24	56	$58,000
CHISHOLM	27	66	$5,000
CHOKIO	4	5	$20,000
CLARA CITY	10	17	$500,000
CLAREMONT	6	2	$19,703
CLARISSA	11	6	$0
CLARKFIELD	10	2	$100,500
CLARKS GROVE	3	0	$205,100
CLEAR LAKE	20	160	$208,000

City	Total Fire Runs	Total Other Runs	Dollar Loss
CLEARBROOK	11	54	$0
CLEARWATER	19	181	$17,000
CLEMENTS	1	4	$10,000
CLEVELAND	6	56	$0
CLIFTON TWP.	8	13	$500
CLIMAX	2	4	$0
CLINTON	10	0	$18,000
CLINTON TWP.	20	42	$100,000
CLONTARF	1	2	$0
CLOQUET AREA	45	1,994	$1,863,600
COHASSET	35	174	$335,000
COKATO	17	48	$0
COLD SPRING	9	212	$0
COLERAINE	8	126	$0
COLOGNE	16	65	$6,500
COLUMBIA HGTS.	52	2,301	$291,300
COLVILL AREA	9	13	$0
COLVIN TWP.	5	2	$0
COMFREY	8	3	$23,625
CONGER	5	0	$500
COOK	13	20	$326,500
COON RAPIDS	122	4,496	$608,850
*CORRELL	0	0	$0
COSMOS	7	8	$1,135
COTTAGE GROVE	54	2,076	$815,000
COTTON VOL.	9	3	$65,000
COTTONWOOD	13	19	$200
COURTLAND	11	28	$1,800
*CRANE LAKE	0	0	$0
CROMWELL VOL.	11	25	$0
CROOKED LAKE TWP.	7	28	$22,000
CROOKSTON	63	242	$1,591,800
CROSBY	5	29	$197,500
CROSSLAKE	16	168	$16,000
CULVER	8	3	$485,000
CURRIE	6	8	$0
CUYUNA	1	0	$0
CYRUS	4	0	$800
DAKOTA	3	12	$0
DALBO	13	54	$48,000
DALTON	12	46	$199
DANUBE	4	3	$0
DANVERS	4	4	$125,000
DARFUR	7	4	$0
DASSEL	25	212	$25,000
DAWSON	14	14	$0
DAYTON	7	157	$0

City	Total Fire Runs	Total Other Runs	Dollar Loss
DEER CREEK	0	4	$0
DEER RIVER	33	33	$92,500
DEERWOOD	10	14	$18,000
DEGRAFF	4	0	$3,000
DELANO	28	360	$0
DELAVAN	6	0	$6,200
DENT	8	3	$56,000
DETROIT LAKES	47	166	$535,000
DEXTER	5	0	$0
DILWORTH	34	29	$0
DODGE CENTER	15	158	$69,501
DONNELLY	2	3	$6,000
DOVER	17	17	$4,600
DOVRAY	4	4	$15,000
DULUTH	339	8,938	$2,697,965
DUMONT	1	0	$0
*DUNDEE	0	0	$0
DUNNELL	6	5	$0
EAGAN	99	1,034	$1,143,900
EAGLE BEND	9	0	$0
EAGLE LAKE	12	103	$0
EAGLES NEST	4	1	$0
EAST BETHEL	39	491	$380,000
EAST GRAND FORKS	19	759	$9,000
EAST HUBBARD CO.	7	12	$591,339
EASTON	3	10	$0
ECHO	1	1	$0
EDEN PRAIRIE	72	1,175	$1,646,200
EDEN VALLEY	6	21	$50,500
EDGERTON	9	10	$190,000
EDINA	96	4,252	$413,949
EITZEN	10	18	$0
ELBOW LAKE	14	34	$24,000
*ELBOW-TULABY LKS.	0	0	$0
ELGIN	12	12	$0
ELIZABETH	4	39	$0
ELK RIVER	55	308	$378,300
ELLENDALE	7	15	$0
ELLSBURG	3	11	$0
ELLSWORTH	7	22	$66,500
ELMER	1	0	$0
ELMORE	10	7	$0
ELROSA	8	14	$0
ELY	15	37	$172,800
ELYSIAN	13	80	$840,150
EMBARRASS	11	41	$6,700
EMILY	11	9	$120,400

City	Total Fire Runs	Total Other Runs	Dollar Loss
EMMONS	3	37	$4,200
ERSKINE	17	86	$0
EVANSVILLE	11	4	$150
EVELETH	27	81	$82,200
EVERGREEN	3	2	$0
EXCELSIOR	34	623	$0
EYOTA	14	28	$0
FAIRFAX	14	12	$311,300
FAIRMONT	44	88	$402,595
FALCON HGTS.	24	62	$0
FARIBAULT	98	1,563	$812,150
FARMINGTON	48	489	$220,350
FAYAL	19	105	$106,000
FEDERAL DAM	1	5	$0
FELTON	1	0	$250,000
FERGUS FALLS	40	142	$295,400
FERTILE	20	10	$7,000
FIFTY LAKES	3	20	$0
FINLAND	7	8	$150
FISHER	3	33	$400
FLENSBURG	1	0	$500,000
FLOODWOOD	0	2	$0
FOLEY	59	193	$355,500
FORADA TWP	4	32	$600
FOREST LAKE	44	345	$480,000
FORESTON	15	34	$0
FOSSTON	21	43	$535,000
FOUNTAIN	2	6	$0
*FOXHOME	0	0	$0
FRANKLIN	6	1	$0
FRAZEE	27	25	$31,000
FREDENBERG TWP.	5	39	$800
FREEBORN	11	15	$31,000
FREEPORT	2	0	$0
FRENCH TWP.	7	6	$45,600
FRIDLEY	141	2,724	$2,499,490
FROST	2	0	$0
FULDA	11	15	$0
GARFIELD	8	48	$23,500
GARRISON	35	123	$492,000
GARVIN	8	1	$3,000
GARY	3	8	$0
GAYLORD	11	22	$682,200
GENEVA	7	10	$0
GHENT	6	16	$4,500
GIBBON	8	2	$40,000
GILBERT	5	15	$0

City	Total Fire Runs	Total Other Runs	Dollar Loss
GLENCOE	20	75	$120,176
GLENVILLE	0	3	$0
GLENWOOD	31	78	$68,069
GLYNDON	19	43	$210,975
GNESEN TWP.	1	3	$0
GOLDEN VALLEY	68	620	$3,000
GONVICK	14	0	$0
GOOD THUNDER	7	52	$1,000
GOODHUE	19	46	$157,000
GOODRIDGE	4	4	$45,500
GOODVIEW	6	27	$0
GRACEVILLE	7	10	$300,300
GRANADA	0	1	$0
GRAND LAKE TWP.	15	129	$77,650
GRAND MARAIS	10	12	$120,000
GRAND MEADOW	19	44	$195,400
GRAND RAPIDS	75	190	$768,200
GRANITE FALLS	17	14	$316,750
GREEN ISLE	7	31	$0
GREENBUSH	8	7	$210,500
GREY EAGLE	2	1	$50,000
GROVE CITY	12	11	$0
GRYGLA	2	3	$8,600
GUNFLINT TRAIL	5	0	$0
HACKENSACK	10	6	$236,000
HALLOCK	6	42	$304,500
HALSTAD	8	7	$0
HAM LAKE	52	357	$734,000
HAMBURG	13	32	$0
HAMEL	30	172	$0
HANCOCK	10	8	$269,850
HANLEY FALLS	1	0	$0
HANOVER	35	93	$0
HANSKA	5	16	$0
HARDWICK	3	13	$34,650
HARMONY	16	14	$98,500
HARRIS	3	0	$20,250
HASTINGS	82	397	$1,344,250
HAWLEY	13	29	$61,500
HAYFIELD	21	22	$347,800
HAYWARD	6	0	$0
HECTOR	11	10	$600
HENDERSON	5	52	$2,000
HENDRICKS	6	0	$101,100
HENDRUM	3	3	$0
HENNING	10	6	$39,000
HERMAN	3	6	$255,600
HERMANTOWN	28	587	$70,000
HERON LAKE	12	9	$4,000
HEWITT	5	0	$16,300
HIBBING	86	2,317	$1,746,331
HILL CITY	8	25	$80,000
HILLS	10	2	$0
HINCKLEY	28	44	$200,200
HITTERDAL	1	1	$0
HOFFMAN	2	1	$1,500
HOKAH	13	62	$0
HOLDINGFORD	15	81	$0
HOLLAND	7	2	$5,000
HOLLANDALE	1	1	$0
HOPKINS	38	891	$2,671,775
HOUSTON	19	18	$115,100
HOVLAND	2	6	$0
HOWARD LAKE	17	54	$21,500
HOYT LAKES	0	5	$0
HUGO	40	283	$0
HUTCHINSON	61	357	$1,077,750
IDEAL TWP.	14	28	$250,000
INDUSTRIAL	2	16	$0
INTERNATIONAL FLS.	8	442	$244,000
INVER GROVE HGTS.	91	1,034	$778,200
IONA	5	0	$0
IRONTON	3	1	$40,000
ISANTI	57	487	$963,650
ISLE	17	14	$395,500
IVANHOE	2	2	$0
JACKSON	17	27	$0
JACOBSON	12	26	$0
JANESVILLE	21	121	$0
JASPER	13	10	$254,200
JEFFERS	2	3	$0
JORDAN	27	60	$0
KABETOGEMA	4	1	$0
KANDIYOHI	13	44	$86,500
KARLSTAD	20	15	$0
KASOTA	13	70	$0
KASSON	13	39	$7,500
KEEWATIN	8	78	$0
KELLIHER	10	13	$479,675
KELLOGG	1	9	$0
KELSEY TWP.	1	1	$0
KENNEDY	6	12	$35,000
KENNETH	1	0	$0
KENSINGTON	11	5	$262,300
KENYON	22	16	$100
KERKHOVEN	13	10	$0
KERRICK	4	14	$795,000
KETTLE RIVER	3	7	$26,000
KIESTER	5	1	$11,000
KILKENNY	3	0	$0
KIMBALL	15	133	$1,000
KINNEY-GREAT SCOTT	5	0	$0
LACRESCENT	13	246	$50,300
LAFAYETTE	2	13	$0
LAKE BENTON	8	3	$0
LAKE BRONSON	4	5	$0
LAKE CITY	26	85	$689,800
LAKE CRYSTAL	22	50	$0
LAKE ELMO	24	295	$1,200,600
LAKE HENRY	7	12	$175,000
LAKE JOHANNA	63	596	$303,750
LAKE LILLIAN	4	6	$0
LAKE PARK	16	11	$0
LAKEFIELD	18	27	$0
LAKELAND TWP.	9	30	$212,500
LAKEVILLE	125	839	$1,589,200
LAKEWOOD TWP.	12	60	$35,500
LAMBERTON	16	7	$0
LANCASTER	10	3	$0
LANESBORO	9	7	$155,700
LAPORTE/LAKEPORT	7	4	$26,500
LASALLE	3	0	$0
LEAF VALLEY TWP.	3	6	$0
LECENTER	9	24	$0
LEROY	21	18	$0
LESTER PRAIRIE	8	101	$409,000
LESUEUR	21	20	$571,000
LEWISTON	14	31	$163,900
LEWISVILLE	11	2	$135,000
LEXINGTON	14	186	$42,500
LINDSTROM	21	47	$0
LINWOOD TWP.	22	191	$0
LISMORE	3	0	$550
LITCHFIELD	28	18	$273,000
LITTLE CANADA	52	168	$256,850
LITTLE FALLS	21	82	$317,500
LITTLEFORK	8	15	$237,750
LOMAN	1	0	$75,000
LONDON TWP.	3	3	$13,000
LONG LAKE	24	370	$10,000
LONG PRAIRIE	21	37	$140,300

City	Total Fire Runs	Total Other Runs	Dollar Loss
LONGVILLE	9	13	$407,500
LONSDALE	15	0	$39,000
LORETTO	38	198	$571,000
*LOUISBURG	0	0	$0
LOWER ST. CROIX VLY.	13	337	$215,000
LOWRY	5	1	$12,000
LUCAN	7	2	$0
LUTSEN	5	10	$166,000
LUVERNE	25	34	$1,220
LYLE	8	3	$3,200
LYND	6	0	$0
MABEL	12	3	$13,500
MADELIA	10	9	$71,000
MADISON	10	7	$251,000
MADISON LAKE	10	49	$87,500
MAGNOLIA	1	0	$100
MAHNOMEN	11	2	$1,500
MAHTOMEDI	30	705	$68,600
MAHTOWA	15	47	$35,000
MAKINEN	5	1	$0
MANKATO	113	2,106	$303,800
MANTORVILLE	11	45	$1,032,500
MAPLE GROVE	82	798	$1,434,900
MAPLE HILL	8	2	$209,200
MAPLE LAKE	30	90	$125,000
MAPLE PLAIN	24	260	$50,000
MAPLETON	6	111	$0
MAPLEWOOD	99	3,738	$296,400
MARBLE	14	113	$0
MARIETTA	10	5	$0
MARINE ON ST. CROIX	14	161	$250,000
MARSHALL	36	111	$407,000
MAYER	12	60	$100,300
MAYNARD	4	5	$5,000
MAZEPPA	23	43	$70,500
MCDAVITT	1	1	$0
MCGRATH	3	3	$0
MCGREGOR	23	35	$0
MCINTOSH	9	57	$0
MCKINLEY	1	0	$0
MDEWAKANTON SIOUX	20	1,792	$16,600
MEADOWLANDS	4	3	$0
MEDFORD	12	99	$150,000
MEDICINE LAKE	2	22	$50,678
MELROSE	16	70	$241,000
MENAHGA	3	0	$0
MENDOTA HGTS.	29	207	$851,699

City	Total Fire Runs	Total Other Runs	Dollar Loss
MENTOR	13	53	$26,000
MIDDLE RIVER	1	0	$0
MIESVILLE	16	47	$0
MILACA	36	73	$376,000
MILAN	5	1	$0
MILLERVILLE	8	2	$0
MILROY	3	5	$0
MILTONA	9	49	$17,000
MINNEAPOLIS	1,426	30,777	$11,058,130
MINNEOTA	12	14	$71,000
MINNESOTA CITY	4	9	$0
MINNESOTA LAKE	5	4	$79,000
MINNETONKA	89	2,118	$0
MISSION TWP.	5	86	$17,000
MONTEVIDEO	14	40	$290,000
MONTGOMERY	14	25	$7,000
MONTICELLO	41	218	$0
MONTROSE	15	148	$0
MOORHEAD	77	2,892	$475,350
MOOSE LAKE	35	304	$0
MORA	37	29	$1,532,200
MORGAN	8	2	$111,015
MORRIS	10	57	$0
MORRISTOWN	10	4	$14,000
MORSE FALL LAKE	9	2	$32,000
MORTON	4	1	$14,500
MOTLEY	18	138	$719,175
MOUND	41	510	$340,500
MOUNTAIN IRON	13	44	$575,000
MOUNTAIN LAKE	5	8	$700,000
MPLS./STP. INT'L. ARPT.	53	2,642	$155,000
MURDOCK	5	3	$0
MYRTLE	7	20	$110,500
NASHWAUK	11	15	$20,000
NASSAU	2	0	$235,000
NERSTRAND	8	6	$0
NEVIS	6	0	$106,200
NEW AUBURN	6	27	$0
NEW BRIGHTON	103	214	$420,900
NEW GERMANY	6	43	$500
NEW LONDON	22	36	$250,000
NEW MARKET	24	205	$0
*NEW MUNICH	0	0	$0
NEW PRAGUE	30	89	$586,500
NEW RICHLAND	19	81	$1,505,200
NEW ULM	33	61	$121,114
NEW YORK MILLS	21	116	$0

City	Total Fire Runs	Total Other Runs	Dollar Loss
NEWFOLDEN	13	7	$8,000
NEWPORT	19	66	$33,000
NICOLLET	14	88	$0
*NIELSVILLE	0	0	$0
NISSWA	15	29	$115,000
NODINE	6	66	$0
NORMANNA TWP.	8	19	$0
NORTH BRANCH	27	94	$0
NORTH MANKATO	23	87	$0
NORTH ST. PAUL	31	876	$277,000
NORTH STAR TWP.	5	9	$0
NE. SHERBURNE	34	135	$0
NORTHFIELD	63	184	$1,620,300
NORTHLAND TWP.	2	16	$0
NORTHOME	0	1	$0
NORTHRUP	0	3	$0
NORTHWEST ANGLE	1	0	$0
NORWOOD-YNG. AMER.	23	155	$45,000
OAK GROVE	62	92	$5,000
OAKDALE	61	1,772	$878,000
*ODESSA	0	0	$0
ODIN	9	39	$14,500
OGEMA	13	5	$67,000
OGILVIE	29	4	$1,580,500
OKABENA	3	7	$0
OKLEE	14	8	$161,000
OLIVIA	14	19	$105,000
ONAMIA	10	39	$1,200
ORMSBY	9	18	$0
ORONOCO	4	29	$0
ORR	8	13	$0
ORTONVILLE	11	17	$0
OSAKIS	15	44	$420,000
OSSEO	19	252	$0
OTTERTAIL	0	8	$0
OWATONNA	71	375	$214,240
PALISADE	1	0	$205,100
PALO TWP.	15	62	$7,540
PARK RAPIDS	27	45	$0
PARKERS PRAIRIE	11	16	$5,000
PAYNESVILLE	10	55	$90,000
PELICAN RAPIDS	21	29	$442,000
PEMBERTON	3	9	$0
PENNOCK	4	12	$0
PEQUAYWAN LK.	5	3	$3,700
PEQUOT LAKES	20	43	$570,000
PERHAM	19	69	$1,431,500

City	Total Fire Runs	Total Other Runs	Dollar Loss
PERLEY-LEE TWP.	3	0	$0
PICKWICK AREA	7	33	$23,000
PIERZ	23	15	$178,400
PIKE-SANDY-BRITT	18	119	$505,050
PILLAGER	21	168	$0
PINE CITY	50	78	$900
PINE ISLAND	30	202	$653,000
PINE RIVER	17	21	$146,900
PIPESTONE	18	59	$52,500
PLAINVIEW	17	37	$0
PLATO	7	34	$0
PLUMMER	5	7	$5,020
PLYMOUTH	182	1,067	$1,235,270
PORTER	8	6	$2,000
PRESTON	13	8	$21,500
PRINCETON	43	153	$506,800
PRINSBURG	1	5	$0
PRIOR LAKE	29	377	$0
PROCTOR	11	262	$340,000
RAMSEY	82	364	$300,000
RANDALL	8	5	$60,000
RANDOLPH-HAMPTON	10	56	$25,100
RAYMOND	10	5	$175,000
RED LAKE FALLS	4	4	$245,000
RED WING	41	879	$709,600
REDWOOD FALLS	22	13	$1,500
REMER	14	13	$212,000
RENVILLE	13	16	$39,600
RICE	29	123	$23,300
RICE LAKE TWP.	19	122	$357,200
RICHFIELD	77	704	$1,305,173
RICHMOND	9	95	$0
RIDGEWAY COMM.	8	8	$0
ROBBINSDALE	95	239	$260,000
ROCHESTER ARPT.	0	33	$0
ROCHESTER	209	7,383	$3,309,221
ROCKFORD	23	283	$0
ROCKVILLE	9	68	$0
ROGERS	22	347	$0
ROLLINGSTONE	6	12	$10,000
ROSE CREEK	11	4	$0
ROSEAU	15	24	$10,000
ROSEMOUNT	50	574	$500
ROSEVILLE	99	3,721	$1,078,804
ROTHSAY	11	54	$21,700
ROUND LAKE	2	1	$0
ROYALTON	14	11	$60,000

City	Total Fire Runs	Total Other Runs	Dollar Loss
RUSH CITY	19	23	$0
RUSHFORD	11	33	$0
RUSHMORE	8	26	$45,500
RUSSELL	6	1	$0
RUTHTON	5	3	$0
SABIN-ELMWOOD	10	2	$70,000
SACRED HEART	9	3	$0
SANBORN	3	5	$0
SANDSTONE	31	45	$849,100
SARTELL/LESAUK	23	81	$150,000
SAUK CENTRE	23	70	$495,200
SAUK RAPIDS	57	106	$150,100
SAVAGE	47	281	$1,411,000
SCANDIA	25	170	$335,000
SCANDIA VALLEY	11	10	$4,000
SCANLON	3	100	$0
SCHROEDER	1	0	$0
SEAFORTH	1	1	$0
SEBEKA	24	2	$757,253
SEDAN	6	0	$0
SHAFER	14	58	$0
SHAKOPEE	93	362	$842,080
SHELLY	3	7	$0
SHERBURN	9	13	$8,000
SHEVLIN	3	0	$0
SILICA AREA	0	9	$0
SILVER BAY	14	44	$493,000
SILVER LAKE	10	67	$25,000
*SKYLINE	0	0	$0
SLAYTON	11	20	$489,000
SLEEPY EYE	22	6	$499,125
SOLWAY	3	9	$0
SOLWAY TWP.	12	81	$452,000
SOUTH BEND	11	29	$0
SOUTH HAVEN	16	80	$0
SOUTH METRO	111	4,766	$1,218,701
SPICER	21	23	$0
SPRING GROVE	10	14	$0
SPRING LAKE PARK	197	963	$1,660,815
SPRING VALLEY	16	30	$64,000
SPRINGFIELD	10	23	$82,800
SQUAW LAKE	8	31	$0
ST. ANTHONY	32	962	$994,800
ST. AUGUSTA	2	37	$0
ST. BONIFACIUS	15	85	$0
ST. CHARLES	7	29	$45,270,600
ST. CLAIR	8	71	$80,000

City	Total Fire Runs	Total Other Runs	Dollar Loss
ST. CLOUD	252	3,721	$1,344,620
ST. FRANCIS	27	439	$40,200
ST. HILLAIRE	4	23	$5,000
ST. JAMES	19	38	$4,000
ST. JOHN'S UNIV.	5	411	$0
ST. JOSEPH	16	251	$140,500
ST. LOUIS PARK	202	4,230	$4,641,251
ST. MARTIN	6	29	$18,700
ST. MICHAEL	24	242	$0
ST. PAUL	1,496	12,894	$8,519,908
ST. PAUL PARK	29	72	$8,000
ST. PETER	14	67	$286,500
ST. STEPHEN	9	71	$500
STACY	33	48	$500
STAPLES	22	29	$261,500
STARBUCK	11	14	$0
STEPHEN	5	10	$64,700
STEWART	10	13	$132,500
STEWARTVILLE	28	49	$114,500
STILLWATER	75	1,320	$697,751
STORDEN	5	0	$3,500
STURGEON LAKE	10	28	$0
SUNBURG	17	4	$0
SWANVILLE	4	0	$110,000
TACONITE	2	20	$0
TAUNTON	1	0	$0
TAYLORS FALLS	2	2	$0
THIEF RIVER FALLS	32	125	$355,200
THOMSON TWP./ESKO	24	139	$75,500
TINTAH	5	5	$0
TOFTE	3	4	$0
TOIVOLA TWP	2	0	$25,000
TOWER	3	4	$0
TRACY	28	33	$99,002
TRIMONT	5	3	$30,000
TRUMAN	11	7	$0
TWIN LAKES	0	1	$0
TWIN VALLEY	8	13	$29,825
TWO HARBORS	21	88	$163,000
TYLER	11	5	$0
ULEN	4	0	$0
UNDERWOOD	12	75	$0
UPSALA	5	4	$150,000
VADNAIS HGTS.	29	692	$5,000
VERGAS	8	23	$0
VERMILLION LAKE	13	8	$223,250
VERNDALE	13	3	$1,789,000

City	Total Fire Runs	Total Other Runs	Dollar Loss	City	Total Fire Runs	Total Other Runs	Dollar Loss	City	Total Fire Runs	Total Other Runs	Dollar Loss
VERNON CENTER	9	19	$0	WASECA	41	106	$182,750	WILSON TWP.	2	2	$0
VESTA	4	3	$0	WATERTOWN	14	139	$58,000	WINDOM	24	24	$346,000
VICTORIA	9	185	$833,300	WATERVILLE	11	118	$3,000	WINGER	3	2	$65,000
VIKING	4	5	$23,000	WATKINS	9	14	$300	WINNEBAGO	13	22	$81,500
VILLARD	9	17	$250	WAUBUN	12	7	$58,500	WINONA	59	1,919	$14,750
VIRGINIA	19	2,396	$73,300	WAVERLY	16	83	$80,000	WINSTED	19	143	$0
WABASHA	10	42	$500	WAYZATA	21	230	$0	WINTHROP	7	18	$0
WABASSO	1	7	$0	WELCOME	6	4	$5,300	WOLF LAKE	16	14	$55,000
WACONIA	22	266	$729,675	WELLS	11	24	$100,000	WOOD LAKE	1	0	$0
WADENA	25	12	$14,350	WENDELL	11	23	$119,025	WOODBURY	56	3,015	$1,400,867
WAITE PARK	37	104	$39,500	WEST CONCORD	15	18	$6,000	WOODSTOCK	7	2	$30,000
WALDORF	8	22	$116,750	WEST METRO	171	1,151	$645,100	WORTHINGTON	32	84	$465,000
WALKER	25	12	$0	WESTBROOK	6	4	$18,000	WRENSHALL	15	42	$0
WALNUT GROVE	12	7	$18,500	WHEATON	8	7	$300	WRIGHT	10	19	$0
WALTERS	4	2	$0	WHITE BEAR LAKE	89	399	$1,853,150	WYKOFF	8	3	$0
WANAMINGO	1	3	$0	WILLIAMS	3	1	$0	WYOMING	28	301	$2,460,000
WANDA	0	1	$0	WILLMAR	87	282	$417,200	ZIMMERMAN-LIVONIA	53	137	$1,110,600
WARBA	7	28	$0	WILLOW RIVER	13	104	$0	ZUMBRO FALLS	14	101	$0
WARREN	20	29	$0	WILMONT	1	0	$6,000	ZUMBROTA	18	17	$53,000

*These fire departments reported as having no fire/nonfire runs for 2009.

NON-REPORTING FIRE DEPARTMENTS

ABERCROMBIE
AVOCA
BOIS FORTE
BUYCK COMMUNITY
CAMPBELL
DUXBURY
FINLAYSON
GOODLAND
GREANEY-RAUCH-SILVERDALE
GREENWOOD TWP
HARTLAND
HIDDEN VALLEY
ITASCA TWP
LAKE GEORGE
LAKE WILSON
MANCHESTER
MAPLEVIEW
OSLO
OSTRANDER
RED LAKE
ST LEO
TWIN LAKES
VINING
WARROAD
WATSON
WHITE EARTH
WOLVERTON