

# Testimony Assembly Bill 36

## DANIEL GENGLER

Mr. Chairman and committee members. Good afternoon and thank you for this opportunity. My name is Daniel Gengler. I am President of DanMar Consulting, L.L.C. and former Chairperson for the nonprofit Wisconsin Alliance for Fire Safety (WAFS), a statewide fire safety network. I was also a 27 year veteran of the Milwaukee Fire Department. On behalf of fire safety minded people of the state of Wisconsin, I implore this committee to support Assembly Bill 36 banning the sale or display of novelty lighters. The nonprofit twenty-four year organization I was with had a mission “*to promote, encourage and foster fire safety, burn prevention and public fire safety education. We support burn survivors of all ages as well as sponsorship of the Summer Camp for Burn Injured Youth.*” A number of children attending the 21 year annual camp were burn injured by this type of mechanism.

Designed to look like toys, novelty lighters are causing serious injury and possibly death to children and families throughout the United States. Visiting E bay to view the assorted “novelty lighters,” you will observe the problem the items present to our precious youngsters. These fire starting instruments are disguised as baseballs, cell phones, key rings, pistols and toy animals among the other many deceptive colorful items that attract children to them as *play* things.

Recent information by the National Fire Protection Association in 2011 estimated that 6,700 structure fires involving child fire-play were reported to U.S. municipal fire departments. These fires resulted in an estimated:

- 40 civilian fire deaths, 740 civilian injuries and \$165 million in direct property damage annually

According to the NFPA, 42% of child-playing home fires with lighters start in the bedroom by curious 5 year old or younger children. Nearly 63% of all fatal victims of fires by playing with fire are children 5 years and younger. Burn units countrywide deal with the survivors of these mischievous acts leaving a lifetime of pain scarring and emotional stress.

The May 2008 *U.S. Fire Administration* National Arson Awareness Week theme focused on Toylike Lighters. The accompanying helpful *Playing with Fire /Media Kit* included this tidbit,

*A fire marshal in Wisconsin was making a purchase at a local home improvement store when his 12-year-old daughter picked up what she believed was a tape measure. When she clicked the button on the tape measure, a flame came out. Fortunately, the child was not hurt, and the store owner voluntarily stopped selling the lighters.*

Case in point, last Friday, a child playing with a lighter started a mattress on fire with a lighter that extended to a home in Green Bay.

This legislation has been six years in the making and it is time for legislative adoption.

Again for Wisconsin’s younger population and those affected by their misguided decisions, please support AB 36 to protect them against this cause of fire that leads to injury and death. Thank you for your time.

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# Wisconsin State Fire Chiefs Association

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DATE: August 4, 2015  
TO: Assembly Committee on Consumer Protection  
FROM: WI State Fire Chiefs Association  
RE: Support Assembly Bill 36

The Wisconsin State Fire Chiefs Association asks that you support Assembly Bill 36 banning the sale of novelty lighters to minors and the display of the novelty lighters in retail establishments.

Toylike or novelty lighters have been responsible for injuries, deaths, and accidents across the Nation. Children are attracted to novelty lighters because they look like toys. Many of these lighters look like animals, miniature cars, mobile phones, cameras, fishing lures, stacks of coins, markers, and doll accessories. One lighter is nearly identical to the popular rubber ducky bath toy and it even quacks! There are also toylike novelty lighters that look like tools such as tape measures, drills, hammers, and paint brushes. Ironically, there are even lighters that mimic a Dalmatian donning a fire helmet, a red fire truck, or fire extinguishers.

A fire marshal in Wisconsin was making a purchase at a local home improvement store when his 12-year-old daughter picked up what she believed was a tape measure. When she clicked the button on the tape measure, a flame came out. Fortunately, the child was not hurt, and the store owner voluntarily stopped selling the lighters.

The National Fire Incident Reporting System (NIFRS) data indicates that lighters play a role nearly equal to matches in residential child-play fires, and some studies show that lighters tend to be the preferred ignition source. When children set fires in the home, the most common area of fire origin is the bedroom, and the material ignited is often bedding, mattresses, or clothing.

Intentionally set fires are the major cause of dollar losses from fires and a leading cause of fire deaths in the United States. In 2005, the National Fire Protection Association (NFPA) estimated 9,423 lighter child-playing structure fires were reported in the U.S., with associated losses of 153 civilian deaths, 855 civilian injuries, and \$231 million in direct damage. Most child-playing home fires are started with lighters or matches. The median age of children who start reported fires by playing is 5 years old, compared to a median age of 4 years old for fatal victims, and a median age in the late teens for nonfatal injuries.

Please help make Wisconsin a fire safe state by supporting Assembly Bill 36 prohibiting the sale of novelty lighters to minors. If you have any questions please contact David Bloom, Legislative Liaison, WI State Fire Chiefs Association at 608-444-3324.

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# ***Badger Firefighters Association***

**FIREFIGHTERS OF FOND DU LAC, SHEBOYGAN, OZAUKEE, WASHINGTON AND  
DODGE COUNTIES  
1647 CURTIS LANE; WEST BEND, WI 53090**

4 August 2015

REFERENCE: AB-36

On behalf of the firefighters and EMTs of the Badger Firefighters Association, I urge you to consider voting in favor of this important legislation. At this time 16 states have enacted similar legislation to protect our families.

Our mission of teaching children of the many hazards of playing with fire to prevent life changing injuries or accidents where the loss of a home or other structure could occur is hindered by allowing Novelty lighters be accessible and sold to minors.

These devices are designed to attract people to purchase or take, especially children are attracted. These novelty lighters may be a device that plays music, flashing lights, or looks like a toy, musical instrument, etc. These are created to have people [kids] to purchase.

Every month we read reports where youngsters started a fire and were injured or even killed because of playing with fire. These incidents occur due to the easy access to instruments of fire.

We prohibit the sale of smoking items [cigars, cigarettes] to minors. We are asking that we create a law that prohibits the sale of novelty lighters to minors. This legislation would NOT prohibit the sale of these items to adults.

Thank you for your consideration of holding a hearing on this legislation and trust that you will provide the leadership in moving this forward to the floor of the Assembly for a vote.

Sincerely,



Ronald J. Napp

Legislative Liaison

Badger Firefighters Association

262-629-9749



# JULIE LASSA

## STATE SENATOR

Assembly Committee on Consumer Protection  
Assembly Bill 36  
Tuesday, August 4, 2015  
1:00PM  
300 Northeast

Chairman Krug and members of the Committee on Consumer Protection, thank you for holding a hearing on Assembly Bill 36 and allowing me to testify before you today.

AB 36 prohibits the retail sale of novelty lighters to minors and prohibits the display for retail sale of these lighters in an area of a retail establishment that is accessible to the general public.

This bill was introduced at the request of a group of elementary school students in Pittsville, WI after one of their classmates was killed in a house fire where the cause was possibly due to a novelty lighter. We have also been working with Pittsville Fire Chief Jerry Minor.

These lighters look like toys and are highly attractive to children who believe they are toys. Some of these lighters play music, have flashing lights or resemble a cartoon character, toy, gun, watch, musical instrument, vehicle, animal, food, or beverage. Unfortunately, due to their clever design, parents are also fooled into believing these lighters are toys and allow their children to play with them. I have attached a copy of what these lighters look like so you can see how they would be attractive to a child.

Representative Krug and I have worked with the Lighter Association Inc. on this proposal. The Lighter Association Inc. is the trade association of the U.S. lighter industry. In their communication with us and in testimony regarding similar legislation recently enacted in New York, the Association said, "Lighters are adult products - not toys. Children should never be encouraged to use lighters. And toy-like novelty lighters should be banned." Assembly Bill 36 is similar to model legislation being forwarded by the National Association of State Fire Marshals which is also supported by the Lighter Association, Inc.

In recognition of the danger that fire poses to public safety, the legislature has passed laws meant to prevent and reduce the number of injuries and deaths it can cause including mandating that homes have working smoke detectors. Fire fighters visit daycares and schools to tell children about the dangers of playing with matches and lighters and how to create and practice a family fire escape plan. It is therefore difficult to understand why the legislature allows these dangerous novelty lighters, which look like toys, to be sold to children and that stores are not required to keep them behind the counter where cigarettes are located.

This common sense legislation is supported by the Wisconsin EMS Association, the Wisconsin State Fire Chiefs Association, the Wisconsin State Firefighters' Association, the Professional Fire Fighters of Wisconsin, the Wisconsin Fire Protection Coalition and the City of Milwaukee.

Representative Krug and I introduced this legislation last year. The companion bills both received executive sessions within one week of their public hearings. I am hopeful that this committee will also move quickly to hold a vote on this important legislation before another child gets hurt.

Thank you again for hearing this legislation today and I ask for your support for AB 36. I would be happy to answer any questions you may have.



Oct 2008

# efighter

## Firefighters wear special clothing.

To stay safe, firefighters wear turnout gear. It includes a helmet, a mask, a jacket, pants, boots, and gloves. The gear can weigh up to 60 pounds. That is about the weight of a second grader!



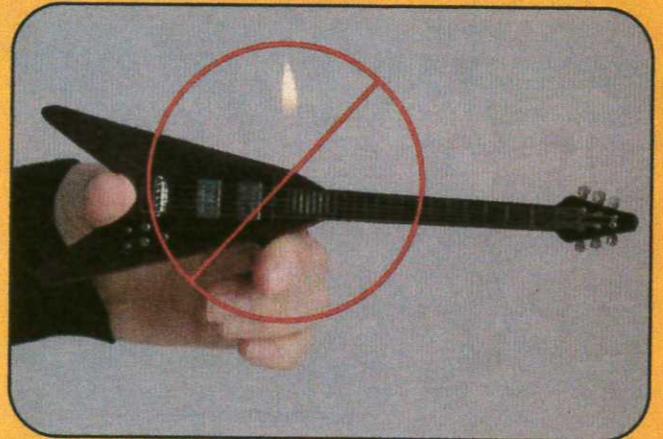
## Lighters Are Not Toys



Fire officials are alarmed. Some lighters are made to look like toys. Parents who think they are toys are buying them for their children. Kids have started fires when playing with the lighters.

Now fire officials are fighting back. They want to stop the sale of those lighters. This year, Maine became the first state to pass a law to stop the sale of the lighters. Then Tennessee passed a law. Fire officials in Oregon are working to do the same.

"Lighters are tools, not toys," says Richard Hoover. He is a spokesperson for the Oregon state fire marshal. "A dangerous tool should not look like a toy."



This guitar and the frog (above) are lighters. They are tools for adults, not toys for kids.



Lighters: Joseph Schmitt/WireImage.com; Frog: Joseph Schmitt/WireImage.com; Guitar: Joseph Schmitt/WireImage.com; Fire station: Joseph Schmitt/WireImage.com; Fire truck: Joseph Schmitt/WireImage.com; Fire station sign: Joseph Schmitt/WireImage.com; Fire station: Joseph Schmitt/WireImage.com; Fire station: Joseph Schmitt/WireImage.com

**Chronological List of States with Laws Banning  
the Sale and/or Distribution of  
Novelty and Toylike Lighters**

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Updated July 2015

**Maine**

Governor John E. Baldacci signed Legislative Document 2081, which prohibits the retail sale and distribution of novelty lighters, into law on March 24, 2008. Maine is the first state to enact legislation banning novelty lighters.

**Tennessee**

Governor Phil Bredesen signed House Bill 3107, which limits the sale and distribution of novelty lighters, into law on April 23, 2008.

**Oregon**

Governor Ted Kulongoski signed House Bill 2365, a bill banning the manufacture, sale and distribution of toylike (novelty) lighters, into law on March 4, 2009.

**Arkansas**

Governor Mike Beebe signed Senate Bill 154, which bans the sale and distribution of novelty lighters, into law on March 10, 2009.

**Virginia**

Governor Tim Kaine signed House Bill 2578, which prohibits the sale of novelty lighters to juveniles, into law on March 30, 2009.

**Washington**

Governor Christine Gregoire signed Senate Bill 5011, which prohibits the sale or distribution of certain novelty lighters, into law on April 29, 2009.

**Nevada**

Assembly Bill 266, which prohibits the sale or distribution as a promotion of novelty lighters and was sponsored by John Ocegüera, became law on May 29, 2009. This means that the bill was passed by the Nevada Legislature without Governor Jim Gibbons approving or vetoing it within the allowed period.

**Louisiana**

Governor Bobby Jindal signed House Bill 199, which prohibits the sale and distribution of certain novelty lighters, into law on June 19, 2009.

**North Carolina**

Governor Beverly Perdue signed Senate Bill 652, which prohibits the retail sale and distribution of novelty lighters, into law on June 30, 2009.

**New Jersey**

Governor Jon Corzine signed Assembly Bill 3207, which prohibits the sale of novelty lighters, into law on Nov. 20, 2009.

**Mississippi**

Governor Haley Barbour signed House Bill 232, which bans the sale and distribution of novelty lighters, into law on March 15, 2010.

**Utah**

Governor Gary R. Herbert signed House Bill 201, which prohibits the sale, manufacture, distribution or possession of novelty lighters, into law on March 30, 2010.

**Illinois**

Governor Pat Quinn signed House Bill 5139, which bans the sale and distribution of novelty and toy lighters, into law on July 28, 2010.

**Massachusetts**

Governor Deval Quinn signed House Bill 4369, which bans the manufacture, sale, giving away, storing or transport of novelty lighters, into law on Aug. 9, 2010.

**Hawaii**

Senate Bill 173, which calls for a ban on the sale of novelty lighters, became law without the signature of Governor Neil Abercrombie on July 12, 2011.

**New York**

Governor Andrew Cuomo signed Assembly Bill 1011, which bans the manufacture, import, sale and distribution of novelty lighters, on Sept. 27, 2013.

**Nebraska**

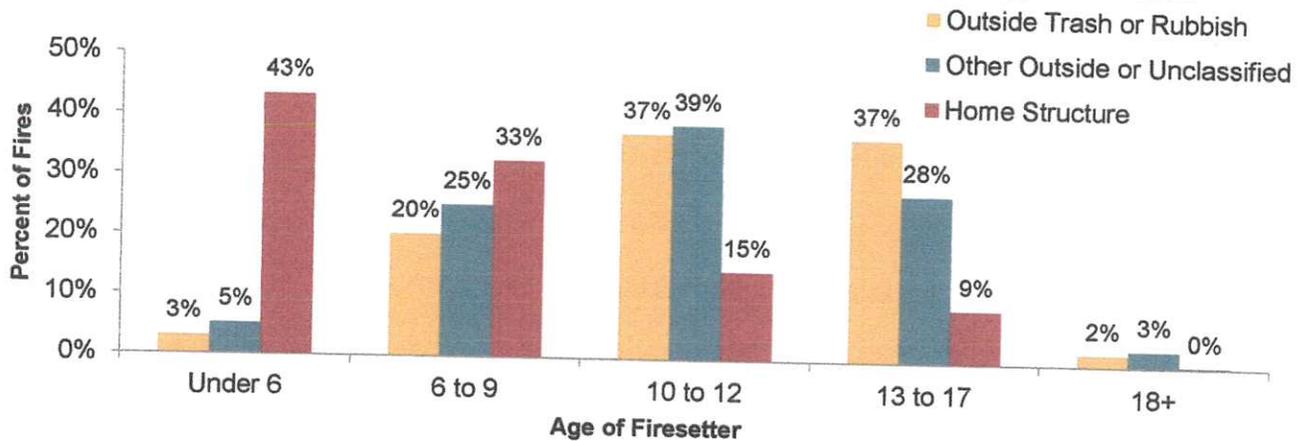
Governor Dave Heineman signed Legislative Bill 403, which prohibits the sale of novelty lighters without child-proof safety features on Feb. 13, 2014.

## Playing With Fire Fact Sheet

Fires started by play accounted for an average of 49,300 fires with associated losses of 80 civilian deaths, 860 civilian injuries and \$235 million in direct property damage per year between 2007 and 2011. These included:

- 21,100 outside or unclassified fires
- 16,300 outside trash or rubbish fires
- 11,100 structure fires
- 800 vehicle fires

**Fires Caused by Children Playing**  
By Age (when Age Cited as a Human Factor Involved in Ignition) and Incident Type: 2007-2011



**Younger children were more likely to set fires in homes, while older children and teenagers are more likely to set fires outside**

- Males were more likely to engage in fire-play than females, as 83% of home structure fires and 93% of outside or unclassified fires were set by boys when age was coded as a factor
- Lighters were the heat source in just over half (52%) of fires in homes involving play
- 39% of home fires involving play began in a bedroom

**PARENTAL INVOLVEMENT COMBINED WITH POSITIVE MESSAGING WORKS FOR CHILDREN:**

NFPA recently contracted with the Johns Hopkins Center for Injury Research and Policy to study the best way to communicate safety messages to children 4-9 years old. The study found that videos featuring positively framed messages are more effective than negatively framed messages and that when parents discuss media content with their children, the children learn more. You can learn more at <http://www.nfpa.org/messaging>

Source: *Playing with Fire*, Richard Campbell, March 2014

# Children playing with lighter cause house fire

 **Adam Rodewald, Press-Gazette Media** 9:33 a.m. CDT August 1, 2015



(Photo: Christoffer Jonsson, Getty Images/Stockphoto)

Children playing with a cigarette lighter caused a house fire on Green Bay's east side Friday evening, authorities said.

The children lit a piece of paper and a mattress on fire in the backyard of the two-story home at 1260 St. Clair St., according to the Green Bay Metro Fire Department. The mattress and other combustible items were against the house.

Flames spread to the siding and into the rear wall and attic of the home, according to the department.

Firefighters were called to the home at about 6:40 p.m.

Nobody was injured by the fire, but five people were displaced from the home.

Damage to the home is estimated at \$15,000.

Read or Share this story: <http://gbpg.net/1lb26Tw>



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01:16



[/videos/news/3609784822001/439390414300](http://www.greenbaypressgazette.com/videos/news/3609784822001/439390414300)

**Report Parameters:**

**Report Period:** From 01/01/2009 to 12/31/2009

**Selected Coded Field:** Fire: Heat Source

**State:** WI

**Version:** All

**Status:** All

**Released:** All

**Report Filters:** AND(Fire: Fire Contributing Factors Value in { 19 } )  
AND(Fire: Estimated Age of Person Range from: 1 to: 18)

**NOTE: Report Filter Groups are applied to the report SQL as "AND" conditions (i.e. Group 1 AND Group 2 and Group 3 etc...)**  
**Report FDIDs\*: All**

\*Data from deactivated fire depts within the list was included in the report.

Selected Coded Field: Fire: Heat Source

Report Period: From 01/01/2009 to 12/31/2009

CODE	Description	FREQ	FREQ %	EXPs	CIV DTHS	CIV DTHS %	CIV INJS	CIV INJS %	FF DTHS	FF DTHS %	FF INJS	FF INJS %	PROP LOSS	PROP LOSS %	CONT LOSS	CONT LOSS %	TOTAL LOSS	TOT LOSS %
00	Heat source: other	1	2.38 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
40	Hot or smoldering object, other	1	2.38 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
43	Hot ember or ash	2	4.76 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	200	0.11 %	0	0.00 %	200	0.07 %
50	Explosive, fireworks, other	1	2.38 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
54	Fireworks	3	7.14 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
55	Model and amateur rockets	1	2.38 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
56	Incendiary device	1	2.38 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
60	Heat from other open flame or smoking materials	3	7.14 %	0	0	0.00 %	0	0.00 %	0	0.00 %	2	100.00 %	67,000	35.98 %	44,000	43.82 %	111,000	38.73 %
63	Heat from undetermined smoking material	1	2.38 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	1,000	0.54 %	0	0.00 %	1,000	0.35 %
64	Match	6	14.29 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	1,100	0.59 %	200	0.20 %	1,300	0.45 %
65	Cigarette lighter	15	35.71 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	39,500	21.21 %	10,200	10.16 %	49,700	17.34 %

Selected Coded Field: Fire: Heat Source

Report Period: From 01/01/2009 to 12/31/2009

CODE	Description	FREQ	FREQ %	EXPs	CIV DTHS	CIV DTHS %	CIV INJS	CIV INJS %	FF DTHS	FF DTHS %	FF INJS	FF INJS %	PROP LOSS	PROP LOSS %	CONT LOSS	CONT LOSS %	TOTAL LOSS	TOT LOSS %	
66	Candle	2	4.76 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	33,000	17.72 %	4,500	4.48 %	37,500	13.08 %	
69	Flame/forch used for lighting	1	2.38 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	3,400	1.83 %	6,500	6.47 %	9,900	3.45 %	
80	Heat spread from another fire, other	1	2.38 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	1,000	0.54 %	0	0.00 %	1,000	0.35 %	
81	Heat from direct flame, convection currents	1	2.38 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	15,000	8.06 %	25,000	24.90 %	40,000	13.96 %	
UU	Undetermined	2	4.76 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	25,000	13.43 %	10,000	9.96 %	35,000	12.21 %	
<b>Totals</b>		42	100 %	0	0	0 %	0	0 %	0	0 %	2	100 %	186,200	100 %	100,400	100 %	286,600	100 %	
<b>Mutual Aid Given Incidents</b>		0																	

Report Parameters:

Report Period: From 01/01/2010 to 12/31/2010

Selected Coded Field: Fire: Heat Source

State: WI

Version: All

Status: All

Released: All

Report Filters: AND(Fire: Fire Contributing Factors Value in { 19 } )

AND(Fire: Estimated Age of Person Range from: 1 to: 18)

NOTE: Report Filter Groups are applied to the report SQL as "AND" conditions (i.e. Group 1 AND Group2 and Group 3 etc..)

Report FDIDs\*: All

\*Data from deactivated fire depts within the list was included in the report.

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10	Heat from powered equipment, other	1	3.03 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
12	Radiated, conducted heat from operating equipment	1	3.03 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	2,000	3.89 %	2,500	7.05 %	4,500	5.18 %
40	Hot or smoldering object, other	2	6.06 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	20	0.04 %	20	0.06 %	40	0.05 %
43	Hot ember or ash	2	6.06 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
60	Heat from other open flame or smoking materials	2	6.06 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	965	1.88 %	0	0.00 %	965	1.11 %
61	Cigarette	1	3.03 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
64	Match	8	24.24 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	50	0.10 %	200	0.56 %	250	0.29 %
65	Cigarette lighter	11	33.33 %	0	0	0.00 %	1	100.00 %	0	0.00 %	0	0.00 %	13,400	26.05 %	7,750	21.85 %	21,150	24.34 %
66	Candle	1	3.03 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	10,000	19.44 %	0	0.00 %	10,000	11.51 %
69	Flame/forch used for lighting	2	6.06 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	25,000	48.61 %	25,000	70.48 %	50,000	57.53 %
97	Multiple heat sources including multiple ignitions	1	3.03 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %

Selected Coded Field: Fire: Heat Source

Report Period: From 01/01/2010 to 12/31/2010

CODE	Description	FREQ	FREQ %	EXPs	CIV DTHS	CIV DTHS %	CIV INJS	CIV INJS %	FF DTHS	FF DTHS %	FF INJS	FF INJS %	PROP LOSS	PROP LOSS %	CONT LOSS	CONT LOSS %	TOTAL LOSS	TOT LOSS %
UU	Undetermined	1	3.03 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
<b>Totals</b>		33	100 %	0	0	0 %	1	100 %	0	0 %	0	0 %	51,435	100 %	35,470	100 %	86,905	100 %
<b>Mutual Aid Given Incidents</b>		0																

**Report Parameters:**

Report Period: From 01/01/2011 to 12/31/2011

Selected Coded Field: Fire: Heat Source

State: WI

Version: All

Status: All

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Report Filters: AND(Fire: Fire Contributing Factors Value in { 19 } )  
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43	Hot ember or ash	1	3.33 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	1,000	0.94 %	0	0.00 %	1,000	0.65 %	
54	Fireworks	1	3.33 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	100	0.09 %	0	0.00 %	100	0.07 %	
60	Heat from other open flame or smoking materials	1	3.33 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	
64	Match	4	13.33 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	35,000	32.77 %	12,000	25.99 %	47,000	30.73 %	
65	Cigarette lighter	19	63.33 %	0	0	0.00 %	4	100.00 %	0	0.00 %	1	100.00 %	69,200	64.79 %	34,050	73.76 %	103,250	67.50 %	
66	Candle	1	3.33 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	1,000	0.94 %	15	0.03 %	1,015	0.66 %	
82	Radiated heat from another fire	1	3.33 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	500	0.47 %	100	0.22 %	600	0.39 %	
UU	Undetermined	2	6.67 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	
<b>Totals</b>		30	100 %	0	0	0 %	4	100 %	0	0 %	1	100 %	106,800	100 %	46,165	100 %	152,965	100 %	
<b>Mutual Aid Given Incidents</b>		0																	

Report Parameters:

Report Period: From 01/01/2012 to 12/31/2012

Selected Coded Field: Fire: Heat Source

State: WI

Version: All

Status: All

Released: All

Report Filters: AND(Fire: Fire Contributing Factors Value in { 19 } )

AND(Fire: Estimated Age of Person Range from: 1 to: 18)

NOTE: Report Filter Groups are applied to the report SQL as "AND" conditions (i.e. Group 1 AND Group2 and Group 3 etc...)

Report FDIDs\*: All

\*Data from deactivated fire depts within the list was included in the report.

Selected Coded Field: Fire: Heat Source

Report Period: From 01/01/2012 to 12/31/2012

CODE	Description	FREQ	FREQ %	EXPs	CIV DTHS	CIV DTHS %	CIV INJS	CIV INJS %	FF DTHS	FF DTHS %	FF INJS	FF INJS %	PROP LOSS	PROP LOSS %	CONT LOSS	CONT LOSS %	TOTAL LOSS	TOT LOSS %
41	Heat, spark from friction	1	2.70 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
43	Hot ember or ash	1	2.70 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
50	Explosive, fireworks, other	1	2.70 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
54	Fireworks	2	5.41 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
60	Heat from other open flame or smoking materials	3	8.11 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	10,500	3.20 %	1,500	2.00 %	12,000	2.97 %
61	Cigarette	1	2.70 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	100	0.03 %	0	0.00 %	100	0.02 %
64	Match	4	10.81 %	0	0	0.00 %	1	100.00 %	0	0.00 %	0	0.00 %	40,165	12.23 %	10,000	13.32 %	50,165	12.43 %
65	Cigarette lighter	22	59.46 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	277,700	84.53 %	63,600	84.69 %	341,300	84.56 %
UU	Undetermined	2	5.41 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	72	0.02 %	0	0.00 %	72	0.02 %
<b>Totals</b>		37	100 %	0	0	0 %	1	100 %	0	0 %	0	0 %	328,537	100 %	75,100	100 %	403,637	100 %
<b>Mutual Aid Given Incidents</b>		0																

**Report Parameters:**

**Report Period:** From 01/01/2013 to 12/31/2014

**Selected Coded Field:** Fire: Heat Source

**State:** WI

**Version:** All

**Status:** All

**Released:** All

**Report Filters:** AND(Fire: Fire Contributing Factors Value in { 19 } )

AND(Fire: Estimated Age of Person Range from: 1 to: 18)

**NOTE: Report Filter Groups are applied to the report SQL as "AND" conditions (i.e. Group 1 AND Group 2 and Group 3 etc...)**

**Report FDIDs\*:** All

\*Data from deactivated fire depts within the list was not included in the report.

Selected Coded Field: Fire: Heat Source

Report Period: From 01/01/2013 to 12/31/2014

CODE	Description	FREQ	FREQ %	EXPs	CIV DTHS	CIV DTHS %	CIV INJS	CIV INJS %	FF DTHS	FF DTHS %	FF INJS	FF INJS %	PROP LOSS	PROP LOSS %	CONT LOSS	CONT LOSS %	TOTAL LOSS	TOT LOSS %
10	Heat from powered equipment, other	1	1.92 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	35	0.04 %	35	0.01 %
12	Radiated, conducted heat from operating equipment	1	1.92 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
42	Molten, hot material	1	1.92 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	1,500	0.63 %	0	0.00 %	1,500	0.47 %
43	Hot ember or ash	1	1.92 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	5,000	2.10 %	3,000	3.80 %	8,000	2.52 %
54	Fireworks	2	3.85 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
60	Heat from other open flame or smoking materials	2	3.85 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
61	Cigarette	1	1.92 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	100	0.04 %	0	0.00 %	100	0.03 %
64	Match	7	13.46 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	60,992	25.61 %	20,020	25.34 %	81,012	25.54 %
65	Cigarette lighter	26	50.00 %	0	0	0.00 %	1	50.00 %	0	0.00 %	1	100.00 %	150,781	63.30 %	52,111	65.95 %	202,892	63.96 %
69	Flame/torch used for lighting	3	5.77 %	0	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	5,000	2.10 %	1,100	1.39 %	6,100	1.92 %
81	Heat from direct flame, convection currents	1	1.92 %	0	0	0.00 %	1	50.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %