

## **2014 Summary of Fireworks Injuries in Illinois**

In June 2014, the Division of Fire Prevention requested data from 293 hospitals within the State to determine various facts about injuries associated with fireworks occurring during a four-week time period, which included the July 4<sup>th</sup> holiday.

Some of the information on the injury reporting form was not completed in full; therefore we cannot guarantee 100% accurate information. The number of responding hospitals were down from last year's 78 to 61 respondents. Twenty of the 61 hospitals responding to the survey had no fireworks related injuries during the time period of June 23 through July 20, 2014.

There were 127 persons injured by fireworks this year. Injuries to males increased from 72 to 91; female injuries decreased to 36 from last year's 43.

The fireworks causing the highest number of injuries were the "unknowns" at 31; followed by sparklers wire/wood cord (22) and firecrackers at 21. The "unknown" type is usually marked when the person injured is not the one actually handling the firework, but happened to be in the wrong place at the wrong time.

Injuries affecting fingers (46) and hands (37) were the highest this year with a combined total of 83, followed by eye injuries at 28. Second degree burns were the leading type of injury at 58, followed by 28 first degree burns. The age range category of 22 and over reported the most injuries with 74 total.

## Office of the Illinois State Fire Marshal

### 2014 Illinois Fireworks Injuries

Type of Fireworks	Number of Fireworks Causing Injuries	Percent
Cones, Fountains Handheld	6	4.14%
Firecrackers/Lady Finger	21	14.48%
Jumping/Crazy Jack	4	2.76%
M-80/M-60/M-100/Silver Salute	5	3.45%
Missile Rocket	7	4.83%
Mortar	7	4.83%
Other Fireworks	1	0.69%
Roman Candles/Shots/Balls	10	6.90%
Sky/Bottle Rockets	9	6.21%
Smoke/Cherry Bomb	8	5.52%
Sparklers Wire/Wood Core	22	15.17%
Fireworks Display	4	2.76%
Homemade	10	6.90%
Unknown	31	21.38%
<b>Total</b>	<b>145</b>	<b>100.00%</b>

Type of Fireworks	Table of Type of Injuries Number of Injuries	Percent
Abrasions	13	7.51%
Burns 1st Degree	28	16.18%
Burns 2nd Degree	54	31.21%
Burns 3rd Degree	6	3.47%
Dismemberment/Amputation	12	6.94%
Fatalities ( <i>none reported</i> )	0	0.00%
Fracture	13	7.51%
Hearing Loss	4	2.31%
Lacerations	22	12.72%
Loss of Sight	6	3.47%
Other	13	7.51%
Unknown	2	1.16%
<b>Total</b>	<b>173</b>	<b>100.00%</b>

Gender	Number of Injuries	Percent
Female	36	28.35%
Male	91	71.65%
Unknown ( <i>did not specify</i> )	0	0.00%
<b>Total</b>	<b>127</b>	<b>100.00%</b>

Age	Number of Injuries	Percent
0-6	12	9.45%
7-10	8	6.30%
11-16	15	11.81%
17-21	16	12.60%
22 & Over	74	58.27%
Unknown	2	1.57%
<b>Total</b>	<b>127</b>	<b>100.00%</b>

<b>Body Parts</b>	<b>Table of Type of Injuries Number of Injuries</b>	<b>Percent</b>
Arms	18	9.57%
Ears	4	2.13%
Eyes	28	14.89%
Feet	4	2.13%
Fingers	46	24.47%
Hands	37	19.68%
Head/Face	16	8.51%
Legs	15	7.98%
Neck	4	2.13%
Torso	16	8.51%
Unknown ( <i>did not specify</i> )	0	0.00%
<b>Total</b>	<b>188</b>	<b>100.00%</b>

	<b>Number of Injuries</b>	<b>Percent</b>
Hospitalized Less than 24 Hours	4	3.15%
Hospitalized More than 24 Hours	19	14.96%
Treated and Released	94	74.02%
Unknown ( <i>did not specify</i> )	10	7.87%
<b>Total</b>	<b>127</b>	<b>100.00%</b>