

# CARBON MONOXIDE POISONINGS

September 2016

**Table.** 8 Emergency Department (ED) visits related to unintentional, non-fire related carbon monoxide (CO) poisoning in North Carolina were identified.

N (%)		N (%)	
<b>Age Group</b>		<b>Sex</b>	
0–17	1 (13)	Female	3 (38)
18–34	2 (25)	Male	5 (63)
35–54	1 (13)	<b>Insurance</b>	
55+	4 (50)	Medicaid	2 (25)
<b>Disposition</b>		Medicare	2 (25)
Admitted	3 (38)	Private	3 (38)
Discharged	4 (50)	Other	1 (13)
Left without advice	1 (13)		



Image courtesy of Hermiston (OR) Fire & Emergency Services: [Hermistonfire.com](http://Hermistonfire.com)

## September 2016 CO Exposure Descriptions

- One person was exposed to CO while operating a propane-powered concrete saw inside a building.

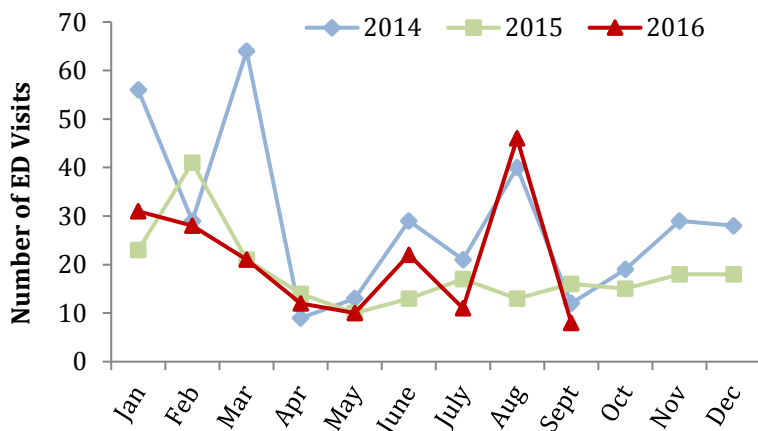
## Carolinas Poison Center (CPC)

The CPC received 12 calls<sup>1</sup> related to unintentional CO exposure in North Carolina and one call related to CO alarm use.

- 17 exposed people were mentioned:
  - 5 (29%) ages 0–17
  - 4 (24%) ages 18–34
  - 7 (41%) ages 35–54
  - 1 (6%) ages 55+
- Site of exposure:
  - 15 (88%) Residence
  - 2 (12%) Other

<sup>1</sup>We do not have the ability to determine if CPC calls were related to fires.

**Figure.** ED visits related to unintentional, non-fire-related CO poisoning by month and year, North Carolina



**NOTE:** NC DETECT ([www.ncdetect.org](http://www.ncdetect.org)) search criteria for ED visits: ICD-10-CM code T58 for N.C. residents who visited N.C. hospitals. ED visits for self-inflicted or fire-related exposures were excluded. CPC calls were filtered by substance and included when unintentional CO exposure, CO alarm use, or a request for CO information was documented.

NC DETECT is a statewide public health syndromic surveillance system, funded by the N.C. Division of Public Health (NC DPH) Federal Public Health Emergency Preparedness Grant and managed through collaboration between NC DPH and UNC-CH Department of Emergency Medicine's Carolina Center for Health Informatics. The NC DETECT Data Oversight Committee is not responsible for the scientific validity or accuracy of methodology, results, statistical analyses, or conclusions presented.