

CARBON MONOXIDE POISONINGS

April 2015

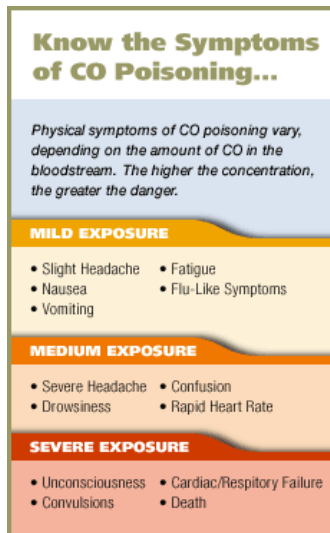
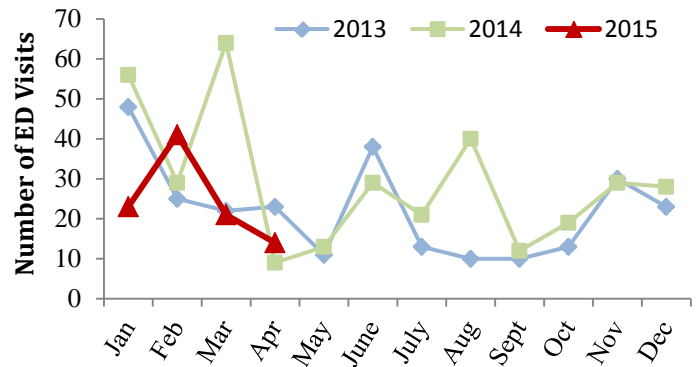


Image courtesy of Elkridge (MD) Volunteer Fire Department

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



April 2015 CO Exposure Descriptions

- Two adults were exposed to CO in the workplace while using gas-powered equipment indoors.

Carolinas Poison Center (CPC)

The CPC received 9 calls^{1,2} related to unintentional CO exposure in North Carolina and 1 call related to CO alarm use.

- 14 exposed people were mentioned:
 - 6 (43%) Female
 - 7 (50%) Male
 - 1 (7%) Unknown
- Site of exposure:
 - 12 (86%) Residence
 - 2 (14%) Workplace

¹We do not have the ability to determine the extent of overlap between CPC calls and ED visits. Therefore, they are analyzed separately.

²We do not have the ability to determine if CPC calls were related to fires.

Table. 14 Emergency Department (ED) visits related to unintentional, non-fire related carbon monoxide (CO) poisoning in North Carolina were identified.

	N (%)		N (%)
Sex		Disposition	
Female	4 (29)	Admitted	1 (7)
Male	10 (71)	Discharged	13 (93)
Age Group (yrs)		Insurance	
0-9	6 (43)	Medicaid	8 (57)
10-24	2 (14)	Medicare	2 (14)
25-44	4 (29)	Self-pay	2 (14)
45-64	2 (14)	Workers' compensation	2 (14)
65+	0 (0)		

Percentages may not add to 100 due to rounding

NOTE: NC DETECT (www.ncdetect.org) search criteria for ED visits: ICD-9-CM diagnostic code 986 or external cause of injury code E868.3, E868.8, E868.9, E982.1, E868.2 or E982.0 for North Carolina residents who visited North Carolina hospitals. ED visits related to 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.