



STATE OF MARYLAND

DHMH

Maryland Department of Health and Mental Hygiene

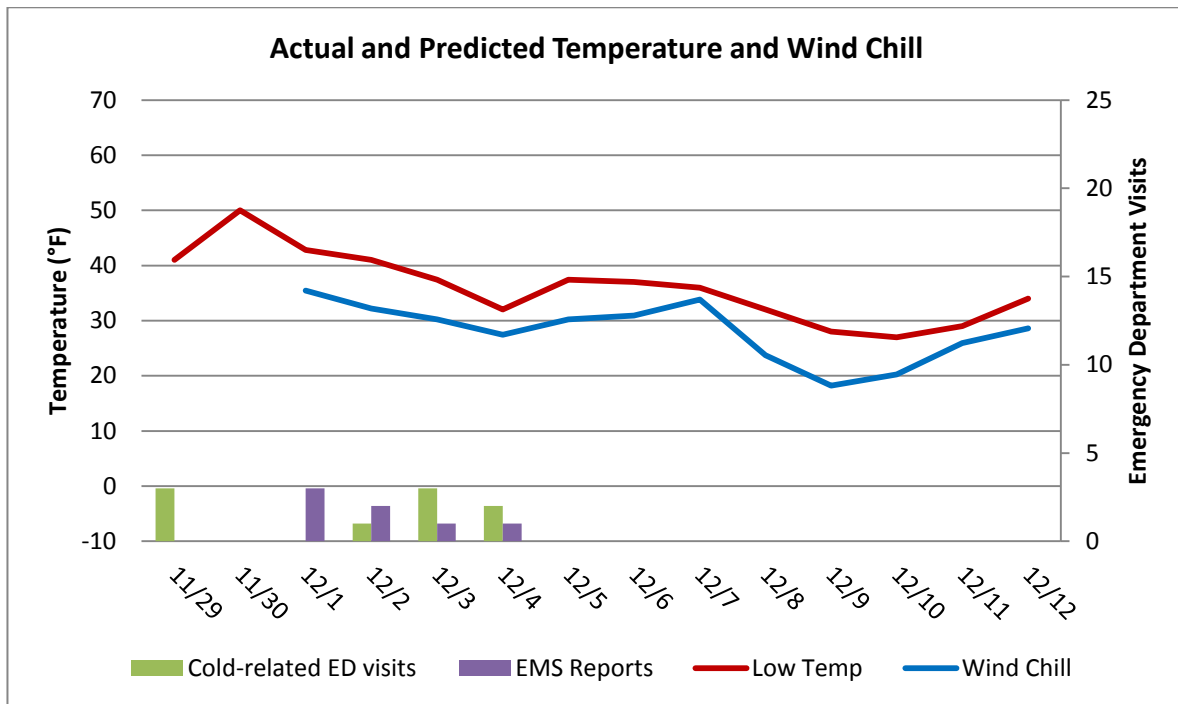
Larry Hogan, Governor - Boyd Rutherford, Lt. Governor - Van Mitchell, Secretary

## Weekly Cold-related Illness Surveillance Report

December 7, 2016

Reporting for November 29, 2016 to December 5, 2016

**National Weather Service Forecast:** No current advisories.  
**Wind Chill Advisories Declared During the Previous Week:** 0  
**Total Wind Chill Advisories Declared This Winter:** 0

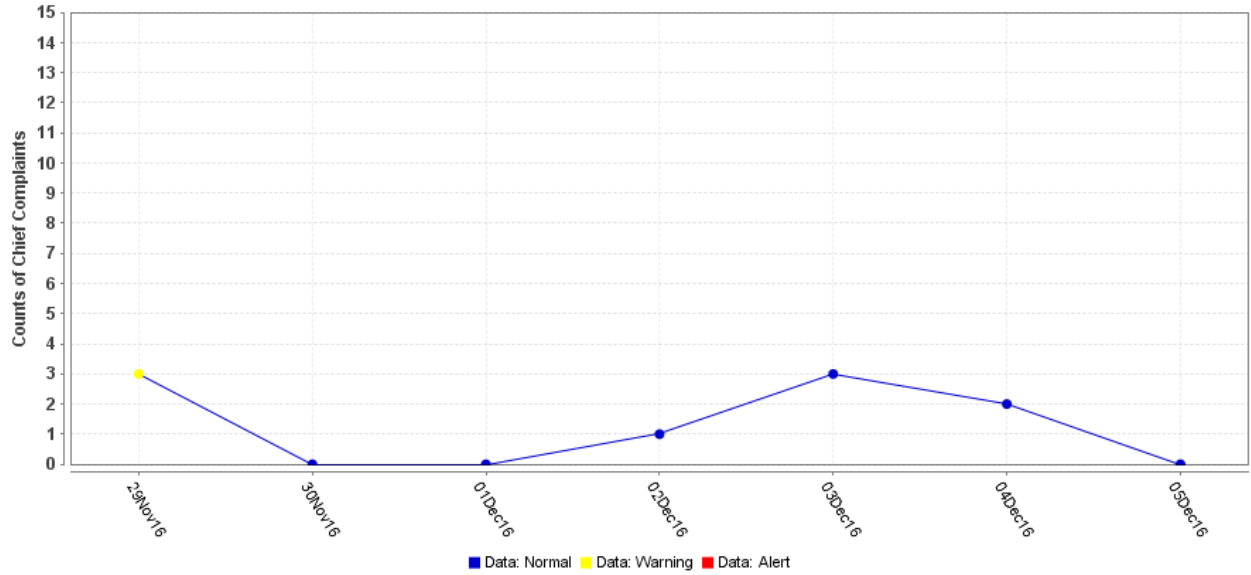


Wind Chill is only calculated for temperatures below 50°F and wind speeds above 3 mph

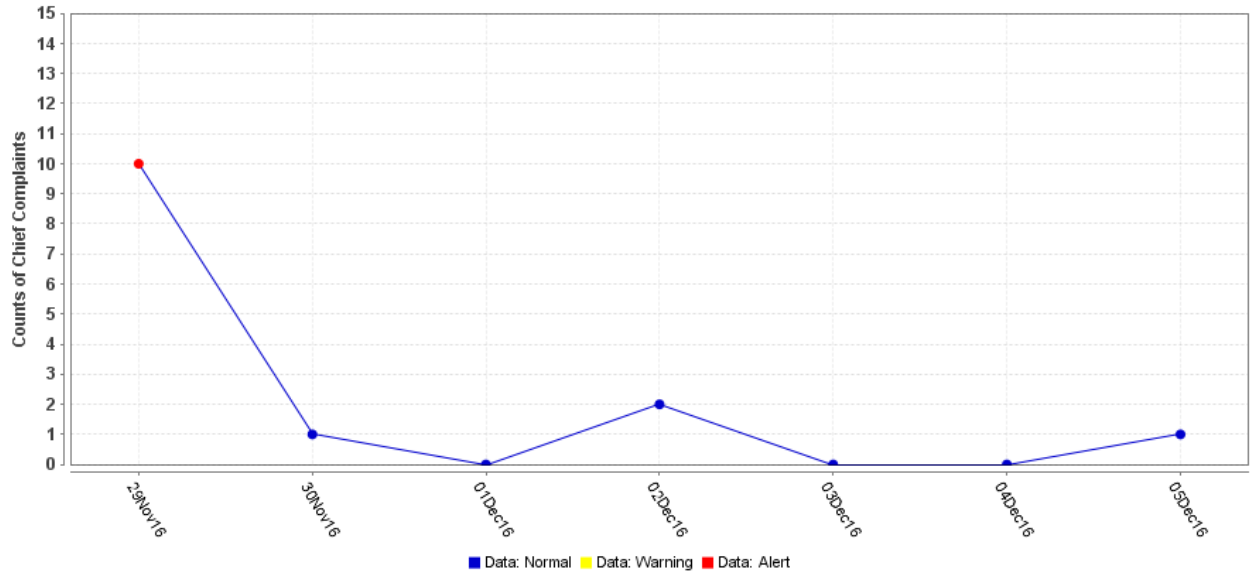
**Note on Emergency Department Data:** The results from the query used in ESSENCE, an electronic biosurveillance system, to track cold-related illnesses may be an overestimation of the actual burden of illness related to the cold weather. This overestimation is due to the nature of the query, which includes the term hypothermia and frostbite.

**Note on EMS Data:** These data are based on EMS pre-hospital care reports where the EMS provider has selected hypothermia as a primary or secondary impression a patient's illness. This impression is solely based on the signs and symptoms seen by the provider, not on any diagnostic tests. Since these numbers do not include all primary or secondary impressions that may be seen with cold exposure, the actual numbers may be low. These data are reported for trending purposes only.

Emergency Department Chief Complaints Regarding Cold-related Illness



Emergency Department Chief Complaints Regarding Carbon Monoxide Exposure

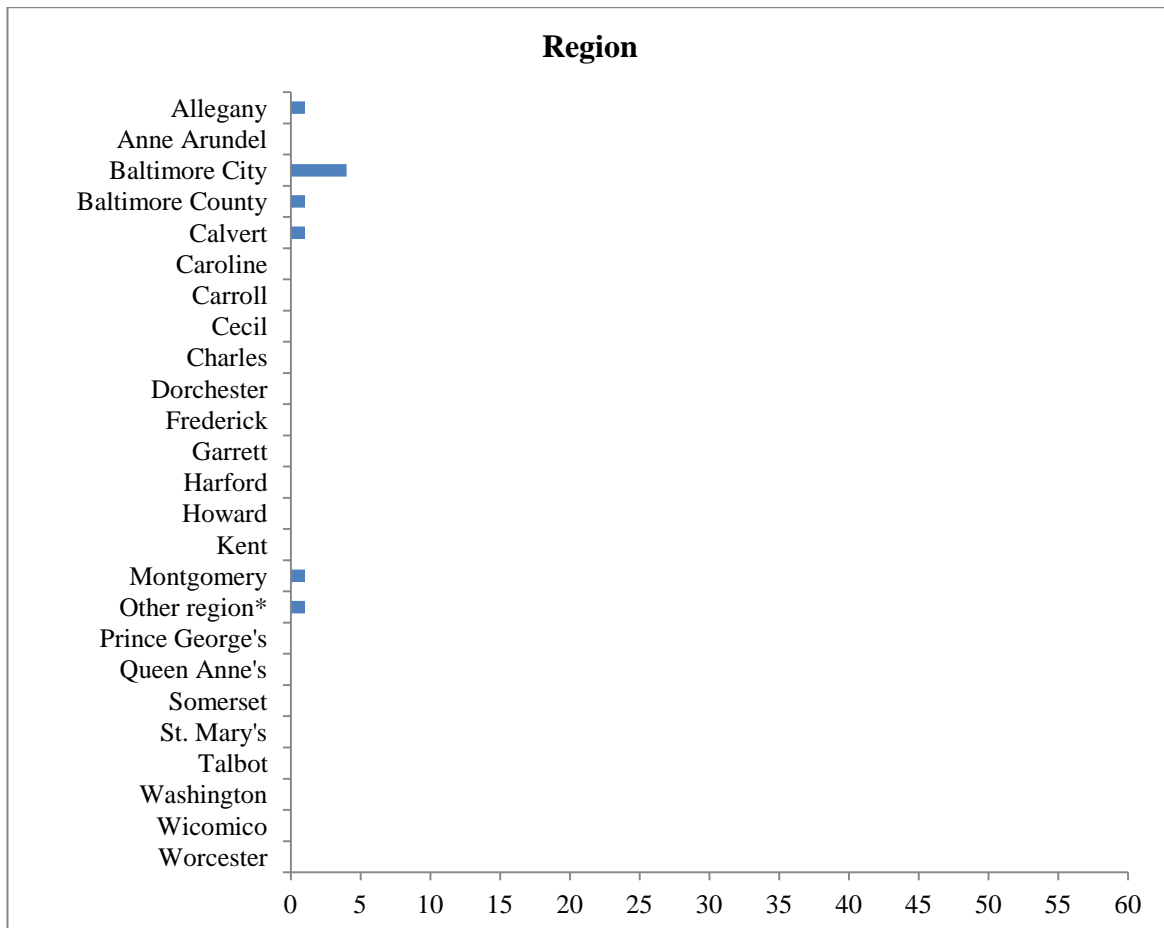


Date	Number of Chief Complaints Regarding Cold-related Illness	Number of Chief Complaints Regarding Carbon Monoxide Exposure
November 29	3	10
November 30	0	1
December 01	0	0
December 02	1	2
December 03	3	0
December 04	2	0
December 05	0	1

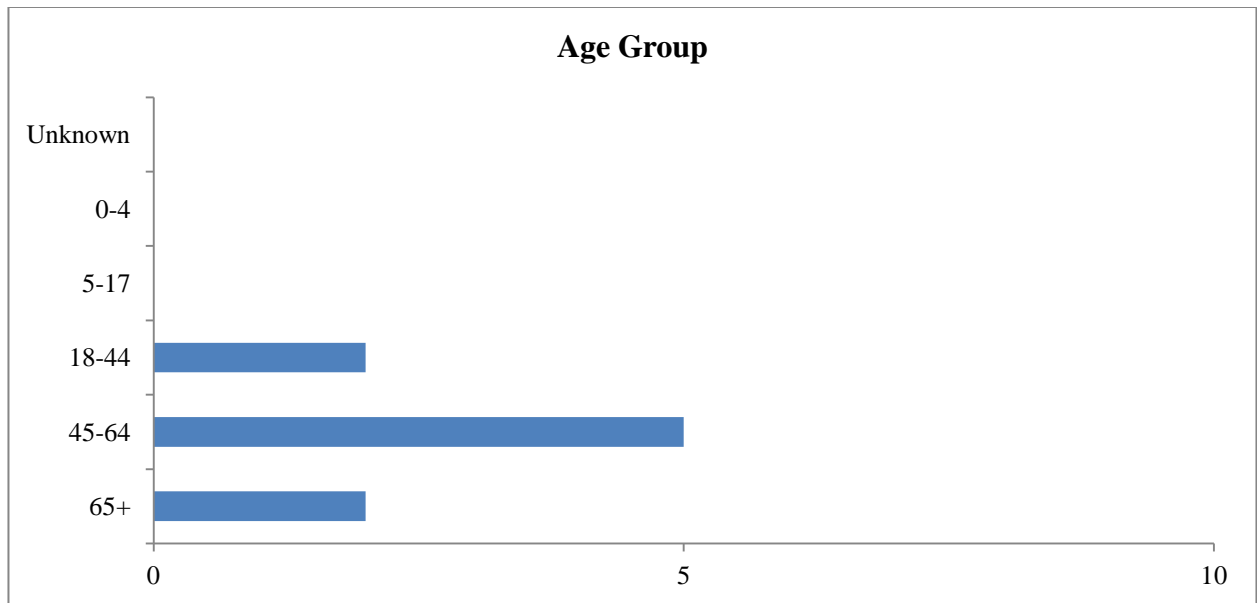
**\*Note: ESSENCE chief complaint query for cold-related illness contains the following terms: frostbite, frostnip, hypothermia, chilblain, and trench foot**

There was one chief complaint cluster identified this week regarding carbon monoxide exposure. The respective jurisdiction has followed up on this cluster.

**Geographical and Age Group Distribution of Emergency Department Chief Complaints Regarding Cold-related Illnesses for November 29 through December 5, 2016**



**\*Geographical distribution of emergency department chief complaints is based on patients' jurisdictions of residence. The "Other Region" category includes patient records without a ZIP code and patients who reside outside of Maryland.**



Total Number of Cold-related Deaths	Jurisdiction*	Age Group	Gender
0			

\*Refers to the jurisdiction where the death occurred.

\*\*Refers to a newly listed death

There were no cold-related deaths reported this week.

There have been no cold-related deaths during the reporting period this winter.

For media inquiries, please contact the Office of Communications: [410-767-6490](tel:410-767-6490)

**Wind Chill Advisory/Warning Criteria:** The National Weather Service issues a Wind Chill Advisory for projected wind chill factors of -5°F to -20°F, and a Wind Chill Warning when the projected wind chill is for -20° or less.

For more information about extreme cold and emergency preparedness, follow the Office of Preparedness and Response on [Twitter](#) and [Facebook](#).

**Prepared by:**

Office of Preparedness and Response  
 Maryland Department of Health and Mental Hygiene  
 300 W. Preston Street, Suite 202

Baltimore, MD 21201  
<http://preparedness.dhmh.maryland.gov>

Joseph Anelli, MS  
Special Projects Coordinator  
Office: 410-767-6201  
Email: [Joseph.Anelli@maryland.gov](mailto:Joseph.Anelli@maryland.gov)

Anikah H. Salim, MPH, CPH  
Biosurveillance Epidemiologist  
Office: 410-767-2074  
Email: [Anikah.Salim@maryland.gov](mailto:Anikah.Salim@maryland.gov)

Sara Barra, MS  
Chief Planner  
Office: 410-767-8438  
Email: [Sara.Barra@maryland.gov](mailto:Sara.Barra@maryland.gov)

Jessica Goodell, MPH  
Epidemiology Field Assignee  
Office: 410-767-6745  
Email: [Jessica.Goodell@maryland.gov](mailto:Jessica.Goodell@maryland.gov)

Amanda Driesse  
Preparedness Field Assignee  
Office: 410-767-4493  
Email: [Amanda.Driesse@maryland.gov](mailto:Amanda.Driesse@maryland.gov)