



STATE OF MARYLAND

DHMH

Maryland Department of Health and Mental Hygiene

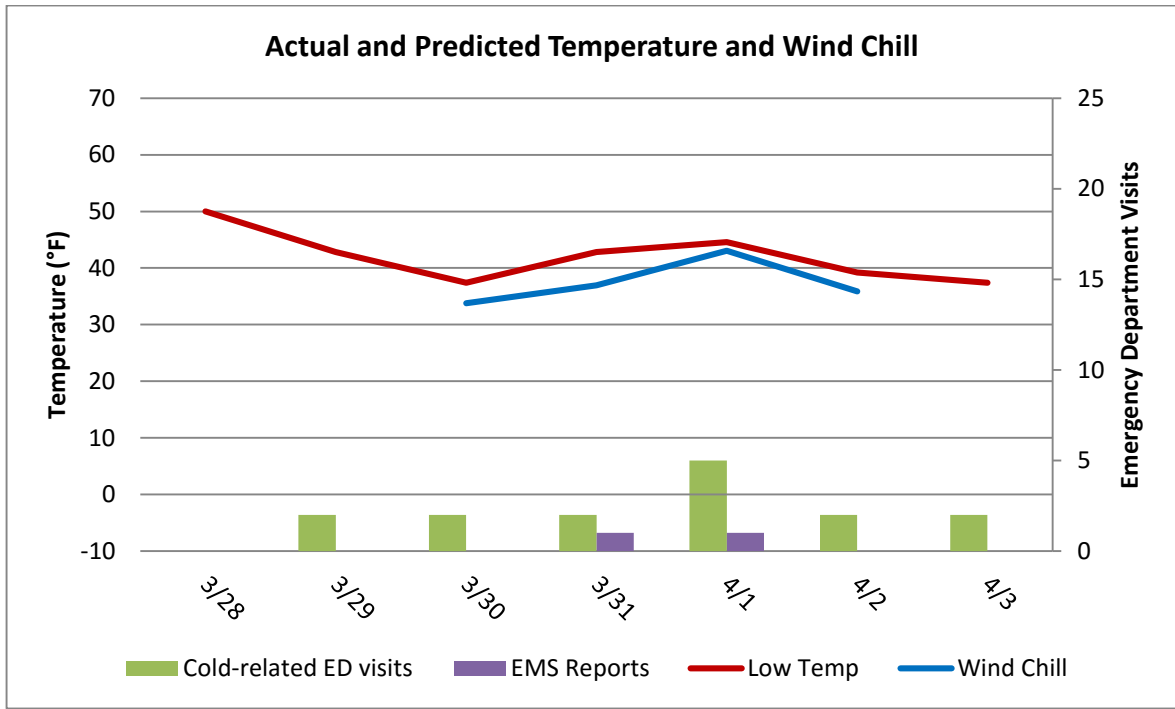
Larry Hogan, Governor - Boyd K. Rutherford, Lt. Governor - Dennis R. Schrader, Secretary

Weekly Cold-related Illness Surveillance Report

April 5, 2017

Reporting for March 28, 2017 to April 3, 2017

National Weather Service Forecast: No current advisories
Wind Chill Advisories Declared During This Week: 0
Total Wind Chill Advisories Declared This Winter: 8

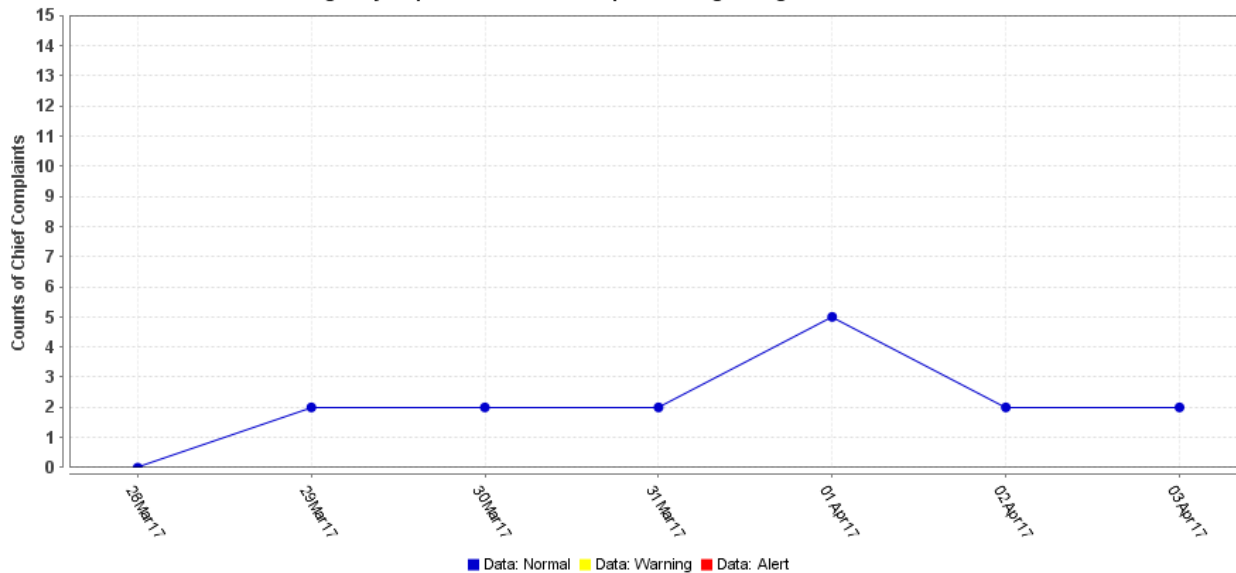


Wind Chill is only calculated for temperatures below 50°F and wind speeds above 3 mph

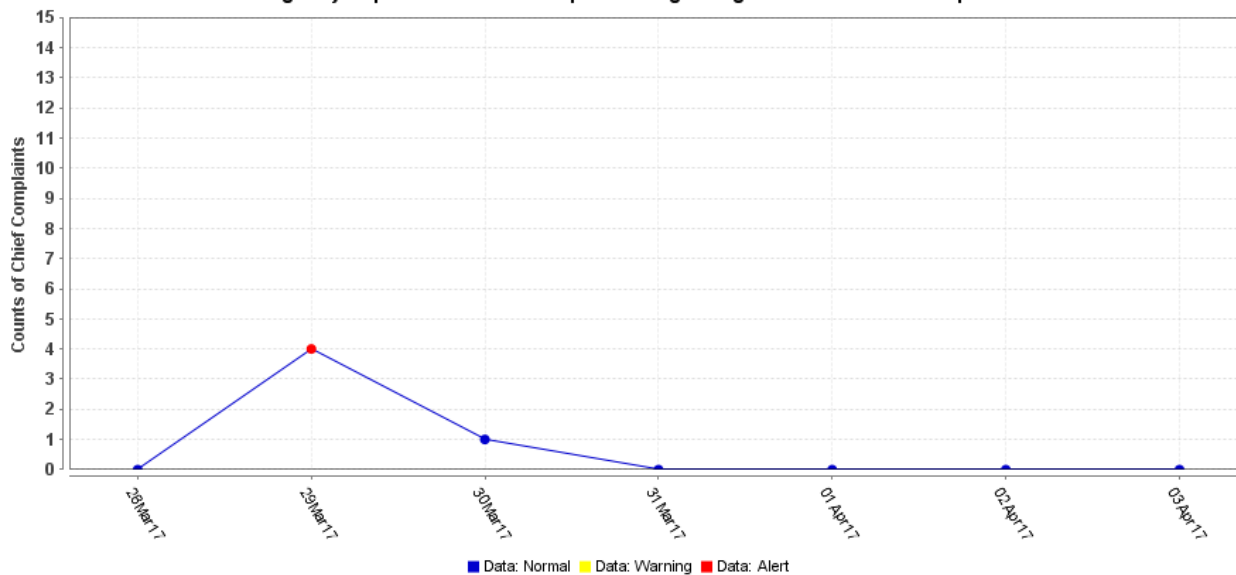
Note on Emergency Department Data: The results from the query used in ESSENCE, an electronic biosurveillance system, to track cold-related illnesses may be an overestimation of the actual burden of illness related to the cold weather. This overestimation is due to the nature of the query, which includes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

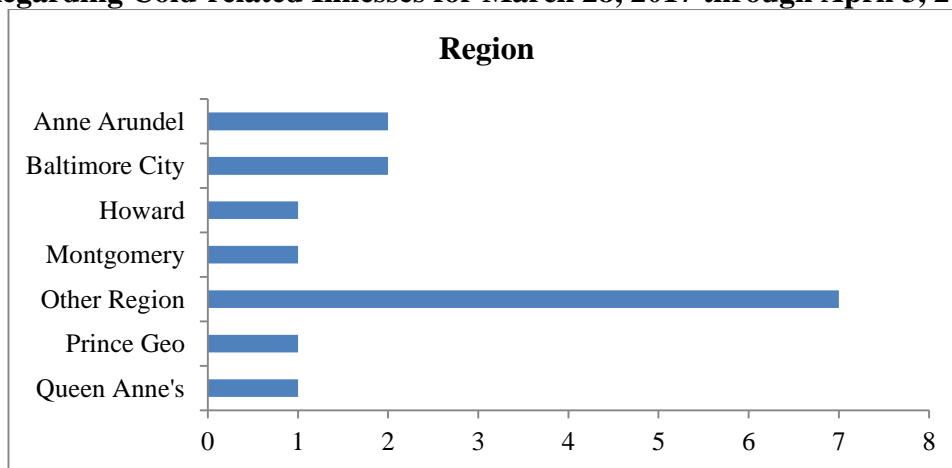


| Date | Number of Chief Complaints Regarding Cold-related Illness | Number of Chief Complaints Regarding Carbon Monoxide Exposure |
|----------|---|---|
| March 28 | 0 | 0 |
| March 29 | 2 | 4 |
| March 30 | 2 | 1 |
| March 31 | 2 | 0 |
| April 1 | 5 | 0 |
| April 2 | 2 | 0 |
| April 3 | 2 | 0 |

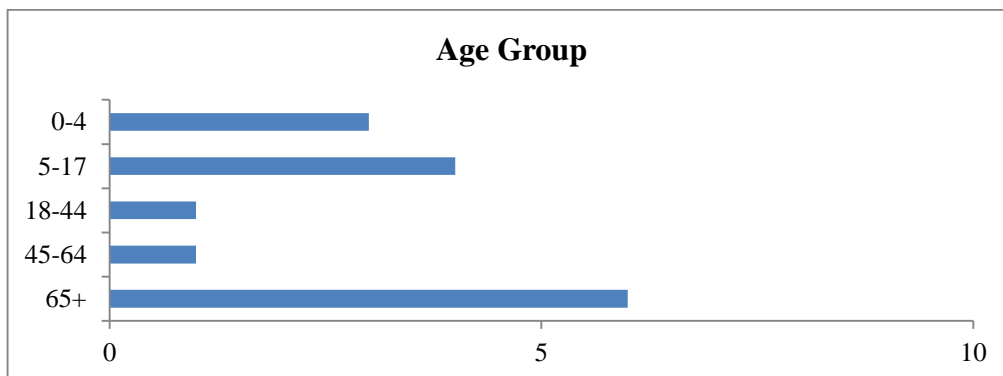
***Note: ESSENCE chief complaint query for cold-related illness contains the following terms: frostbite, frostnip, hypothermia, chilblain, and trench foot**

There were no chief complaint clusters identified this week.

Geographical and Age Group Distribution of Emergency Department Chief Complaints Regarding Cold-related Illnesses for March 28, 2017 through April 3, 2017



***Geographical distribution of emergency department chief complaints is based on patients' jurisdictions of residence; those jurisdictions not shown had no chief complaints attributed to their residents. 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 |
|--|----------------------|------------------|---------------|
| 34 | Garrett | 18-44 Years Old | Female |
| | Baltimore County | 18-44 Years Old | Male |
| | Baltimore City | 18-44 Years Old | Male |
| | Prince George's | 18-44 Years Old | Male |
| | Calvert | 18-44 Years Old | Male |
| | Montgomery | 45-64 Years Old | Male |
| | Garrett | 45-64 Years Old | Female |
| | Prince George's | 45-64 Years Old | Male |
| | Prince George's | 45-64 Years Old | Male |
| | Washington | 45-64 Years Old | Male |
| | Baltimore City | 45-64 Years Old | Male |
| | Baltimore City | 45-64 Years Old | Male |
| | Baltimore County | 45-64 Years Old | Male |
| | Baltimore County | 45-64 Years Old | Male |
| | Prince George's | 45-64 Years Old | Male |
| | Prince George's | 45-64 Years Old | Male |
| | Montgomery | 45-64 Years Old | Male |
| | Montgomery | 45-64 Years Old | Male |
| | Montgomery | 45-64 Years Old | Male |
| | Howard | 45-64 Years Old | Male |
| | Charles** | 45-64 Years Old | Male |
| | Anne Arundel | 65+ Years Old | Female |
| | Baltimore City | 65+ Years Old | Female |
| | Baltimore City | 65+ Years Old | Female |
| | Baltimore City | 65+ Years Old | Male |
| | Baltimore City | 65+ Years Old | Male |
| | Baltimore City | 65+ Years Old | Male |
| | Baltimore City | 65+ Years Old | Male |
| | Baltimore City | 65+ Years Old | Male |
| | Baltimore City | 65+ Years Old | Male |
| | Baltimore City | 65+ Years Old | Male |
| | Baltimore City | 65+ Years Old | Female |
| | St. Mary's | 65+ Years Old | Male |
| | Cecil | 65+ Years Old | Male |
| Washington | 65+ Years Old | Female | |

*Refers to the jurisdiction where the death occurred. **Refers to a newly listed death

There was one cold-related death reported this week.

There have been a total of 34 cold-related deaths during the reporting period this winter. Six deaths were suspected or presumed homeless individuals.

This is the final weekly report of the 2016-2017 reporting season. A summary report will be posted on [our website](#) in May.

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
Emergency Operations Manager
Office: 410-767-6434
Email: Joseph.Anelli@maryland.gov

Anikah H. Salim, MPH, CPH
Biosurveillance Epidemiologist
Office: 410-767-2074
Email: Anikah.Salim@maryland.gov

Sara Barra, MS
Chief Planner
Office: 410-767-8438
Email: Sara.Barra@maryland.gov

Jessica Goodell, MPH
Epidemiology Field Assignee
Office: 410-767-6745
Email: Jessica.Goodell@maryland.gov

Amanda Driesse
Preparedness Field Assignee
Office: 410-767-4493
Email: Amanda.Driesse@maryland.gov

Kristin A. McMenamin, MS
Special Projects Coordinator
Office: 410-767-6201
Email: Kristin.McMenamin@maryland.gov