



STATE OF MARYLAND

DHMH

Maryland Department of Health and Mental Hygiene

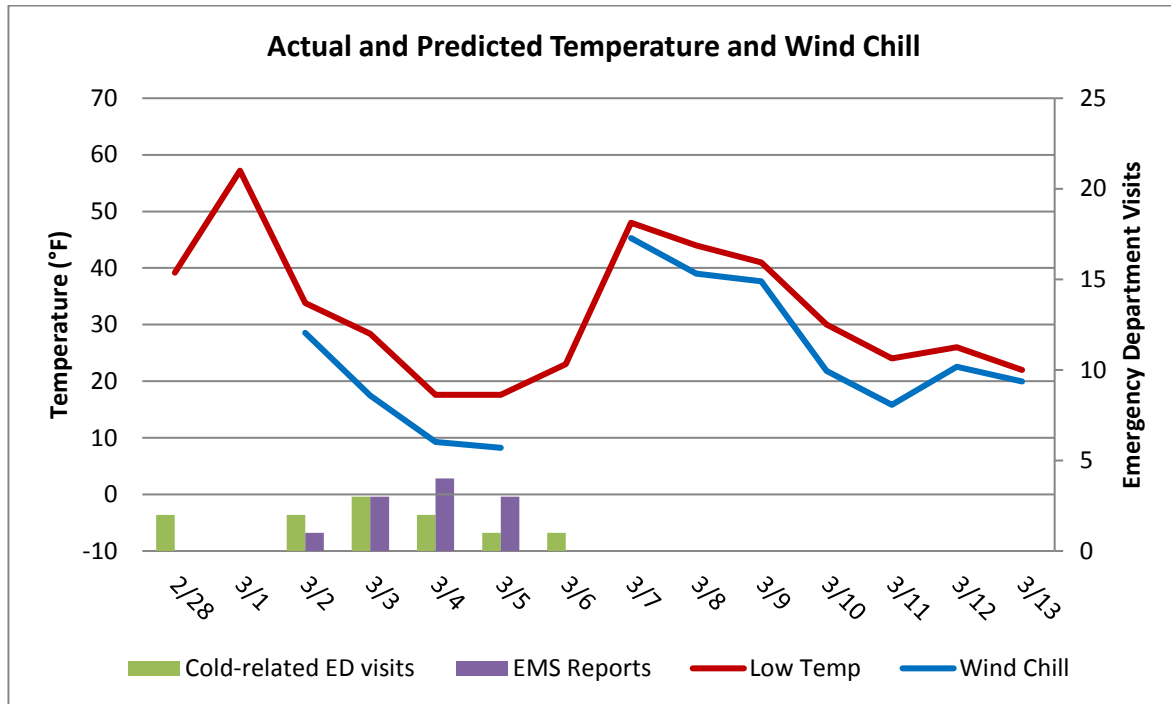
Larry Hogan, Governor - Boyd K. Rutherford, Lt. Governor - Dennis R. Schrader, Secretary

Weekly Cold-related Illness Surveillance Report

March 8, 2017

Reporting for February 28, 2017 to March 6, 2017

National Weather Service Forecast: No current advisories
Wind Chill Advisories Declared During This Week: 0
Total Wind Chill Advisories Declared This Winter: 6

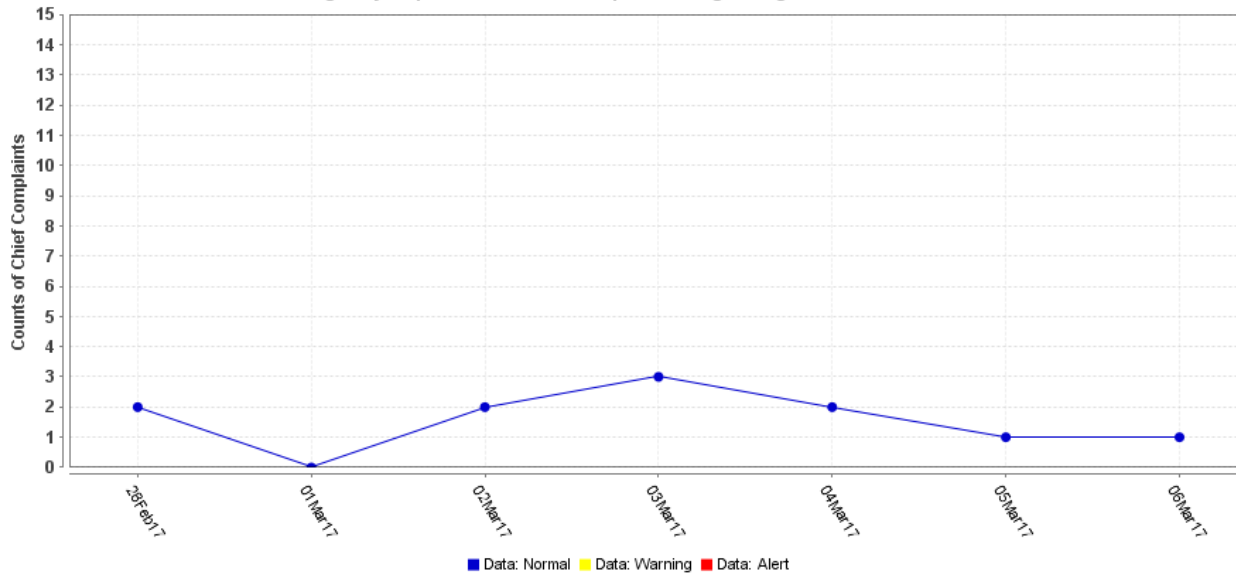


Wind Chill is only calculated for temperatures below 50°F and wind speeds above 3 mph

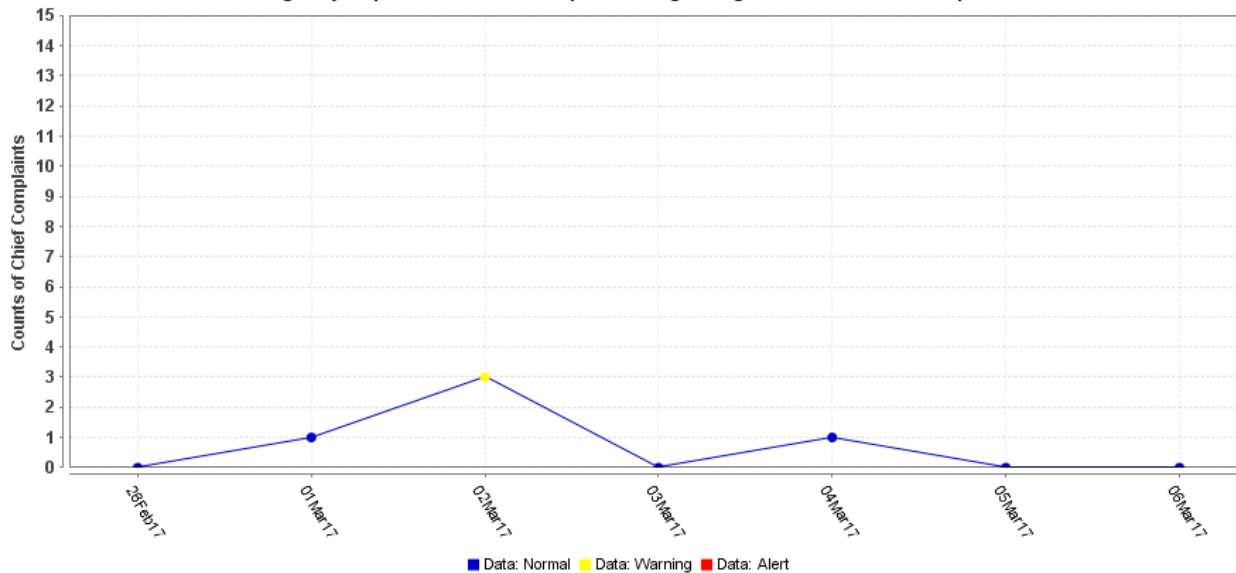
Note on Emergency Department Data: The results from the query used in ESSENCE, an electronic biosurveillance system, to track cold-related illnesses may be an overestimation of the actual burden of illness related to the cold weather. This overestimation is due to the nature of the query, which includes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

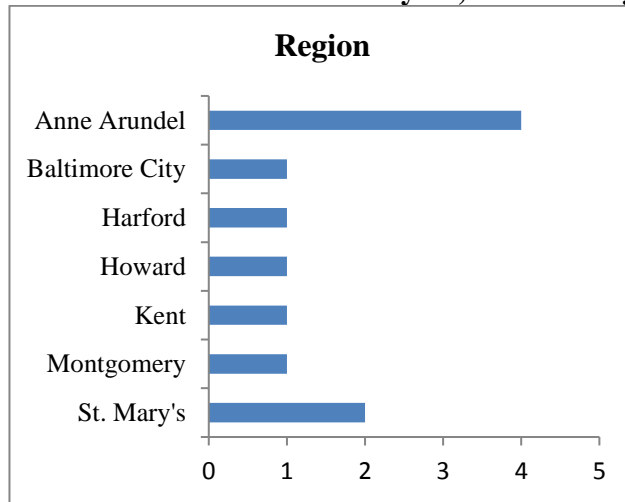


Date	Number of Chief Complaints Regarding Cold-related Illness	Number of Chief Complaints Regarding Carbon Monoxide Exposure
February 28	2	0
March 1	0	1
March 2	2	3
March 3	3	0
March 4	2	1
March 5	1	0
March 6	1	0

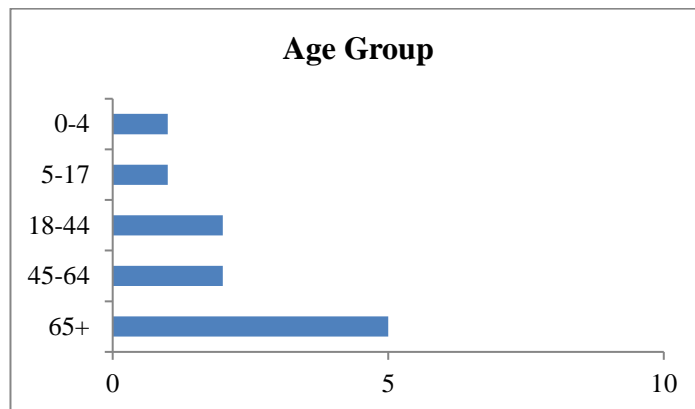
***Note: ESSENCE chief complaint query for cold-related illness contains the following terms: frostbite, frostnip, hypothermia, chilblain, and trench foot**

There was one carbon monoxide chief complaint cluster identified this week and was associated with a single family home.

Geographical and Age Group Distribution of Emergency Department Chief Complaints Regarding Cold-related Illnesses for February 28, 2017 through March 6, 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
27	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
	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 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
	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
	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 were three cold-related deaths reported this week.

There have been a total of 27 cold-related deaths during the reporting period this winter. Six deaths were suspected or presumed homeless individuals.

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