



STATE OF MARYLAND

DHMH

Maryland Department of Health and Mental Hygiene

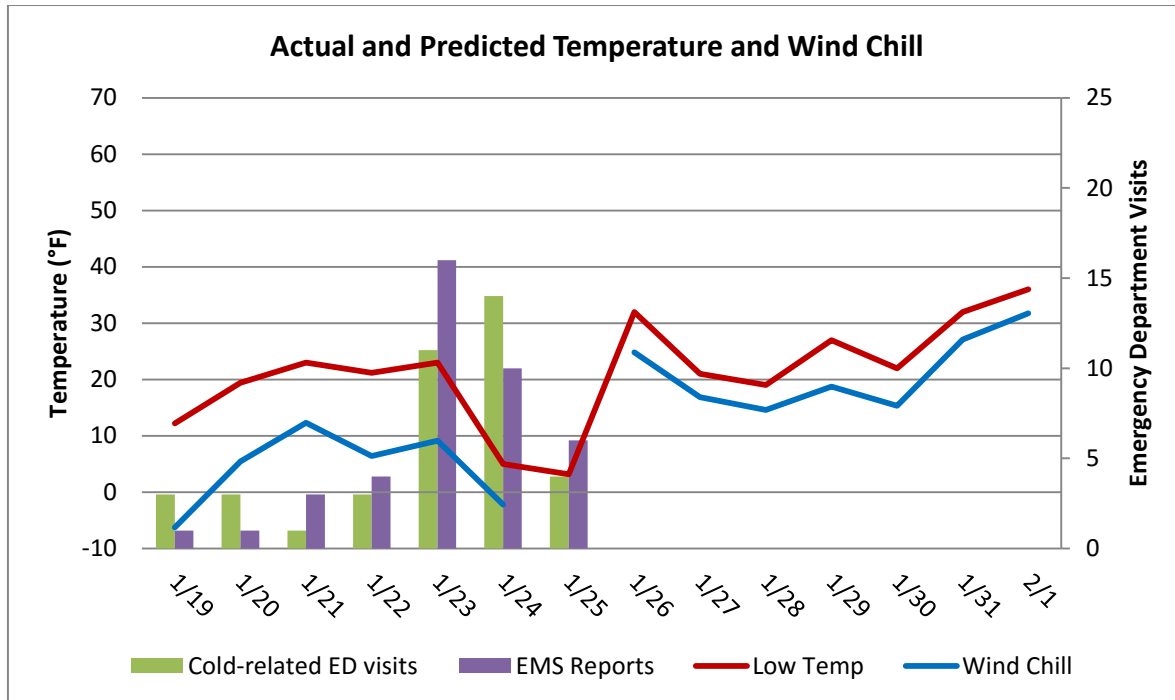
Larry Hogan, Governor - Boyd Rutherford, Lt. Governor - Van Mitchell, Secretary

Weekly Cold-related Illness Surveillance Report

January 27, 2016

Reporting for January 19, 2016 to January 25, 2016

National Weather Service Forecast: No current wind chill advisories.
Wind Chill Advisories Declared During the Previous Week: 5
Total Wind Chill Advisories Declared This Winter: 5

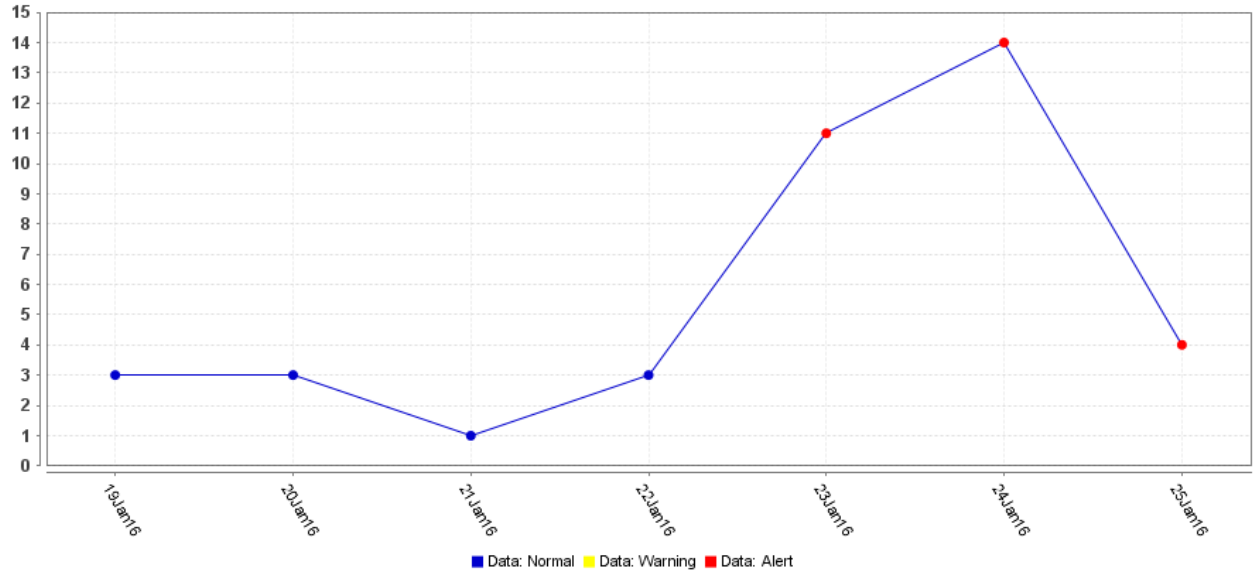


Wind Chill is only calculated for temperatures at or below 50°F and wind speeds above 3 mph

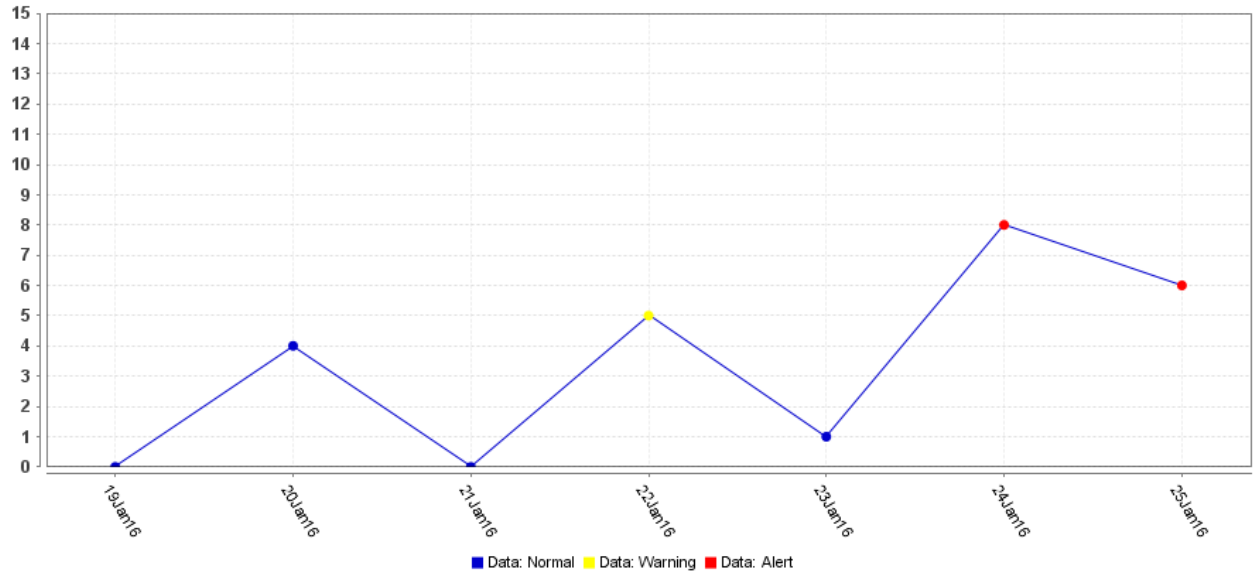
Note on Emergency Department Data: The results from the query used in ESSENCE, an electronic biosurveillance system, to track cold-related illnesses may be an overestimation of the actual burden of illness related to the cold weather. This overestimation may be due to the nature of the query, in which a positive case is determined from either a cold-related chief complaint or confirmed discharge diagnosis.

Disclaimer on eMEDS cold weather-related 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 weather-related exposure, the actual numbers may be underestimated. These data are reported for trending purposes only.

Emergency Department Visits Regarding Cold-Related Illness



Emergency Department Chief Complaints Regarding Carbon Monoxide Exposure

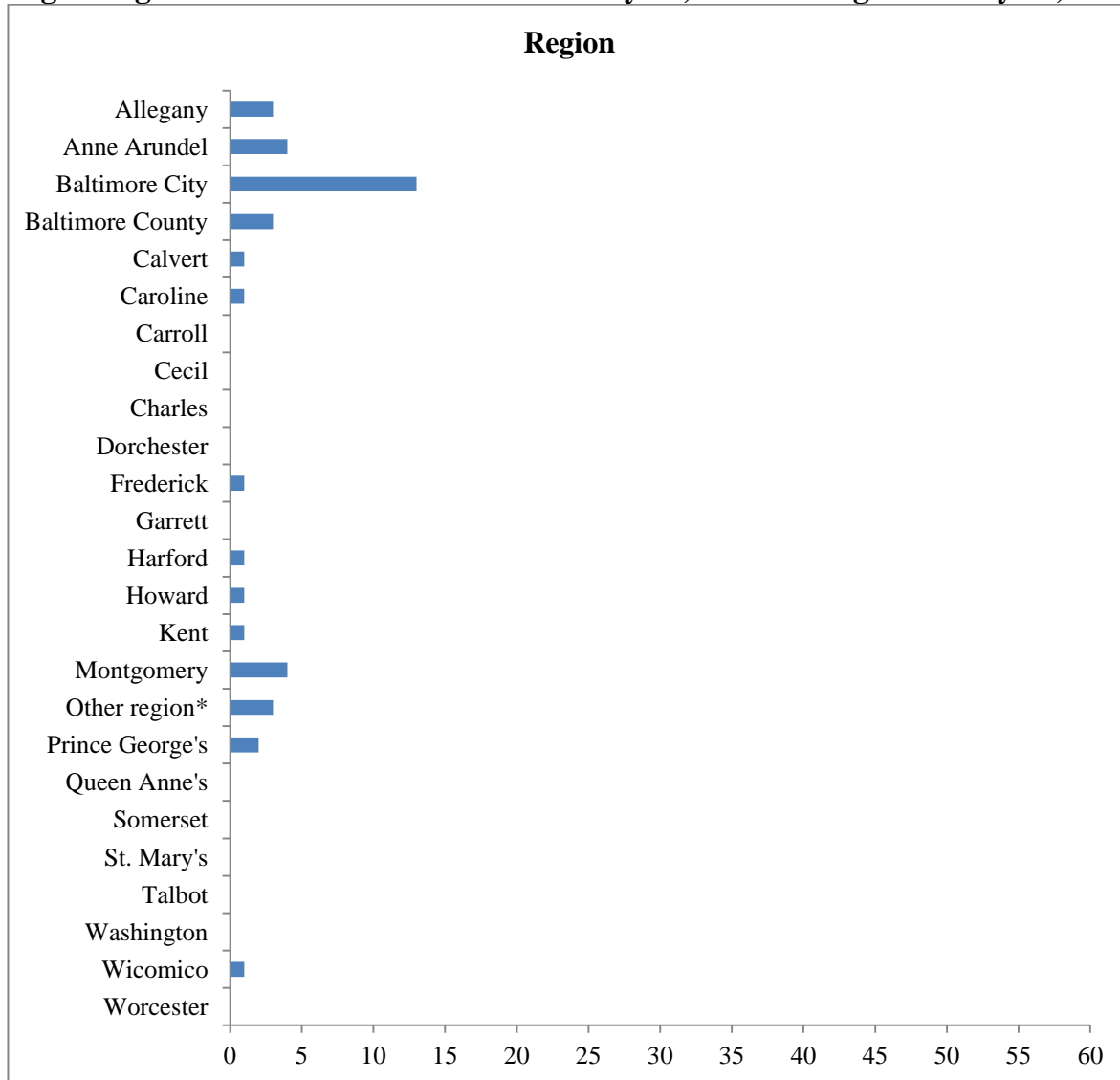


Date	Number of ED visits Regarding Cold-related Illness	Number of Chief Complaints Regarding Carbon Monoxide Exposure
January 19	3	0
January 20	3	4
January 21	1	0
January 22	3	5
January 23	11	1
January 24	14	8
January 25	4	6

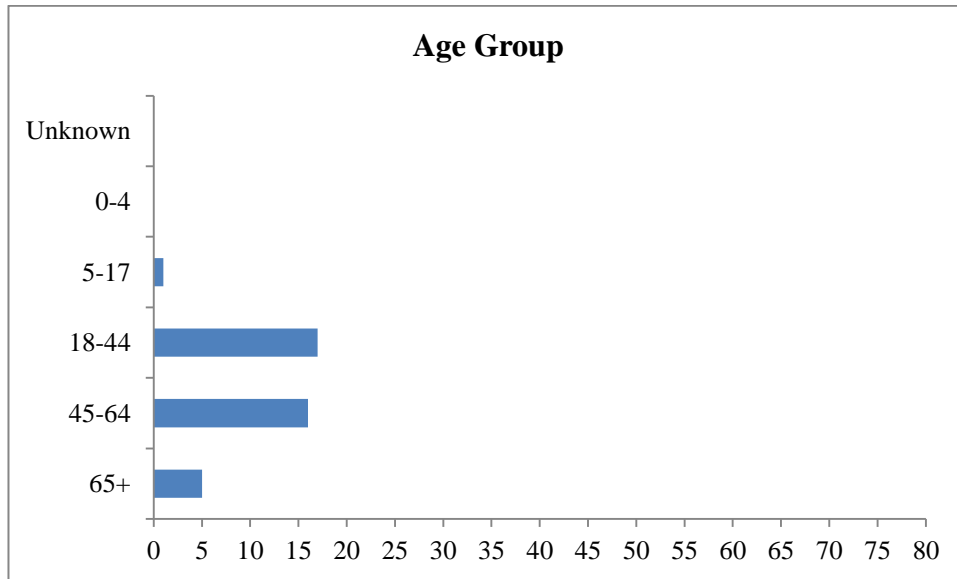
*Note: ESSENCE query for cold-related illness contains the following terms: frostbite, frostnip, hypothermia, chilblain, and trench foot.

There were four chief complaint clusters regarding carbon monoxide exposure identified this week. These clusters are currently under investigation by the respective hospitals.

Geographical and Age Group Distribution of Emergency Department Visits Regarding Cold-related Illnesses for January 19, 2016 through January 25, 2016



*Geographical distribution of emergency department visits 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
3	Kent County	45-64 Years Old	Male
	Anne Arundel	45-64 Years Old	Male
	Worcester**	65+ Years Old	Female

*Refers to the jurisdiction where the death occurred.

**Refers to a death that occurred during this week's reporting period.

There was one cold-related death reported this week. The death occurred during this week's reporting period, but prior to the January 22-24 winter storm. Deaths occurring due to the storm may be included in future reports.

There have been 3 cold-related deaths during this reporting period.

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°F or less.

Prepared by:

Office of Preparedness and Response
Maryland Department of Health and Mental Hygiene
300 W. Preston Street, Suite 202
Baltimore, MD 21201

Joseph Anelli, MS
Special Projects Coordinator
Office: 410-767-6201
Email: Joseph.Anelli@maryland.gov

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

Sara Luell
Public Information Officer
Office: 410-767-0590
Email: Sara.Luell@maryland.gov

Lisa Stancill, MPH
Biosurveillance Epidemiologist
Office: 410-767-5668
Email: Lisa.Stancill@maryland.gov

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