



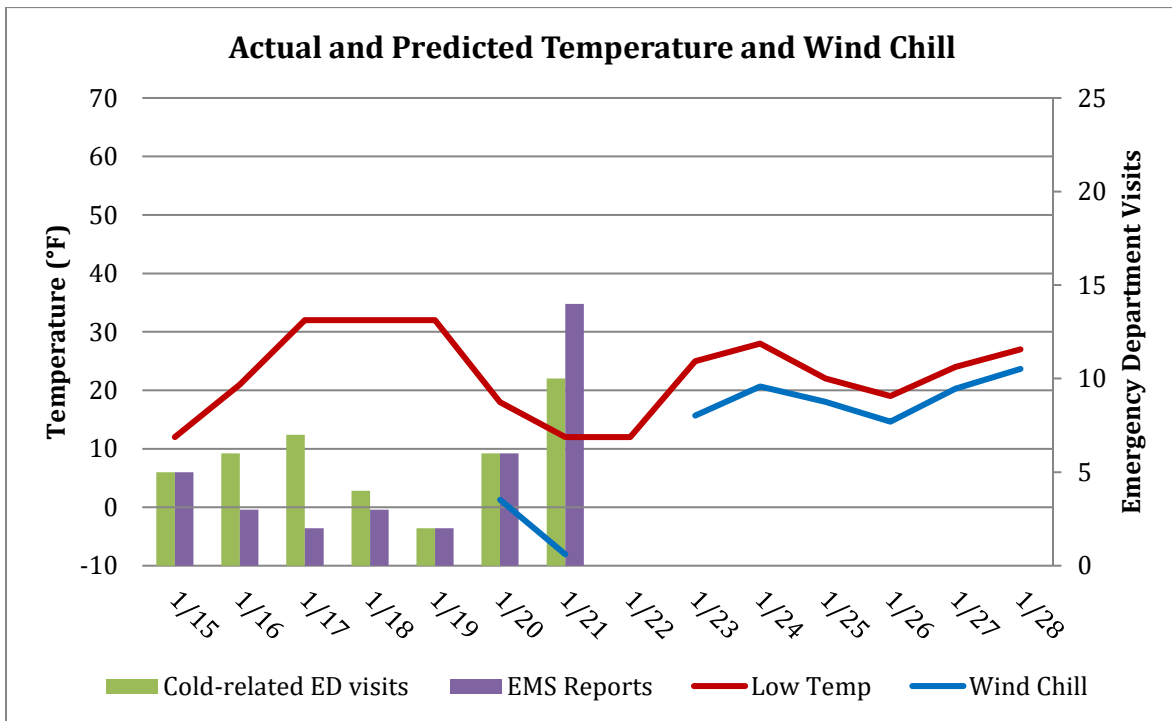
MARYLAND
Department of Health

Weekly Cold-related Illness Surveillance Report

January 23, 2019

Reporting for January 15, 2019 to January 21, 2019

National Weather Service Forecast: No current weather advisories.
Wind Chill Advisories Declared During the Previous Week: 1
Total Wind Chill Advisories Declared This Winter: 1

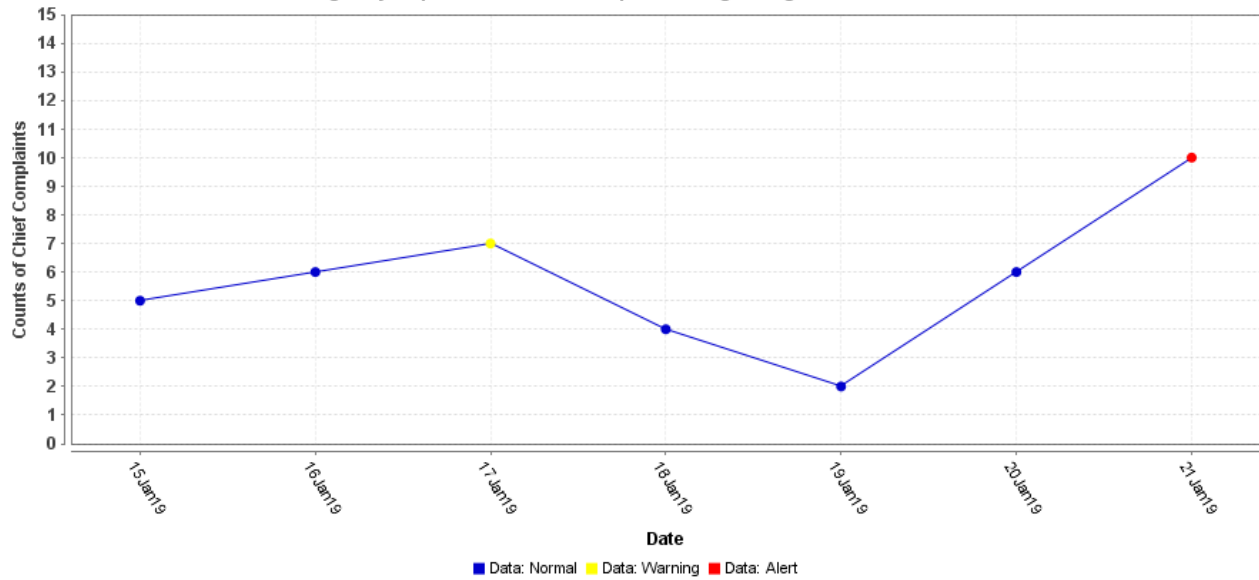


Wind Chill is only calculated for temperatures below 50°F and wind speeds above 3 mph

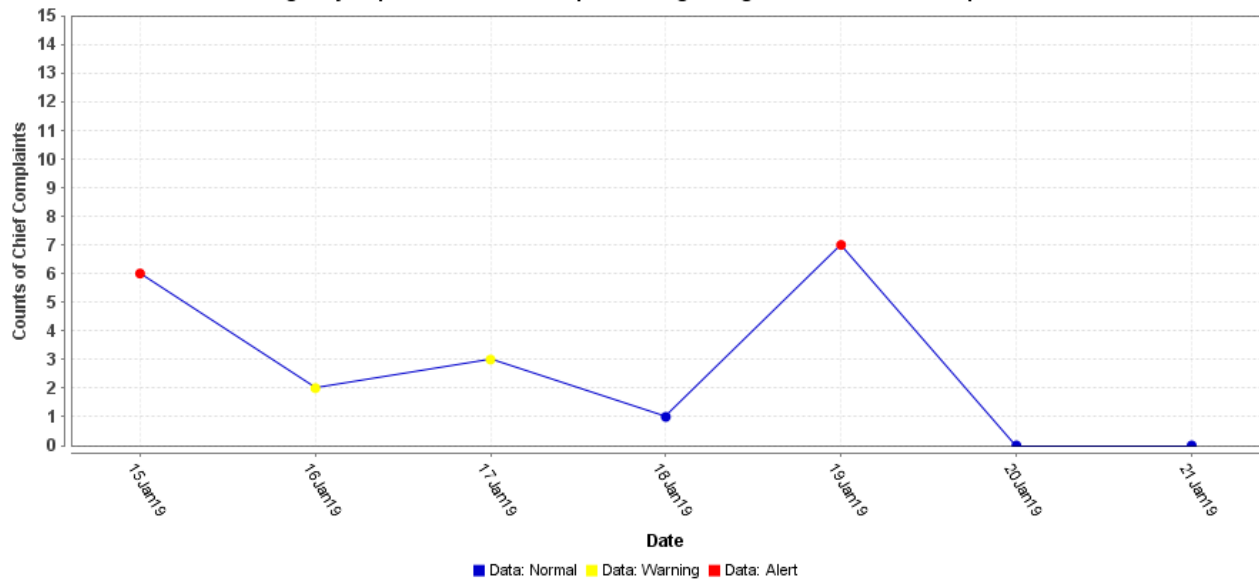
Note on Emergency Department Data: The results from the query used in ESSENCE, an electronic biosurveillance system, to track cold-related illnesses may be an overestimation of the actual burden of illness related to the cold weather. This overestimation is due to the nature of the query, which includes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



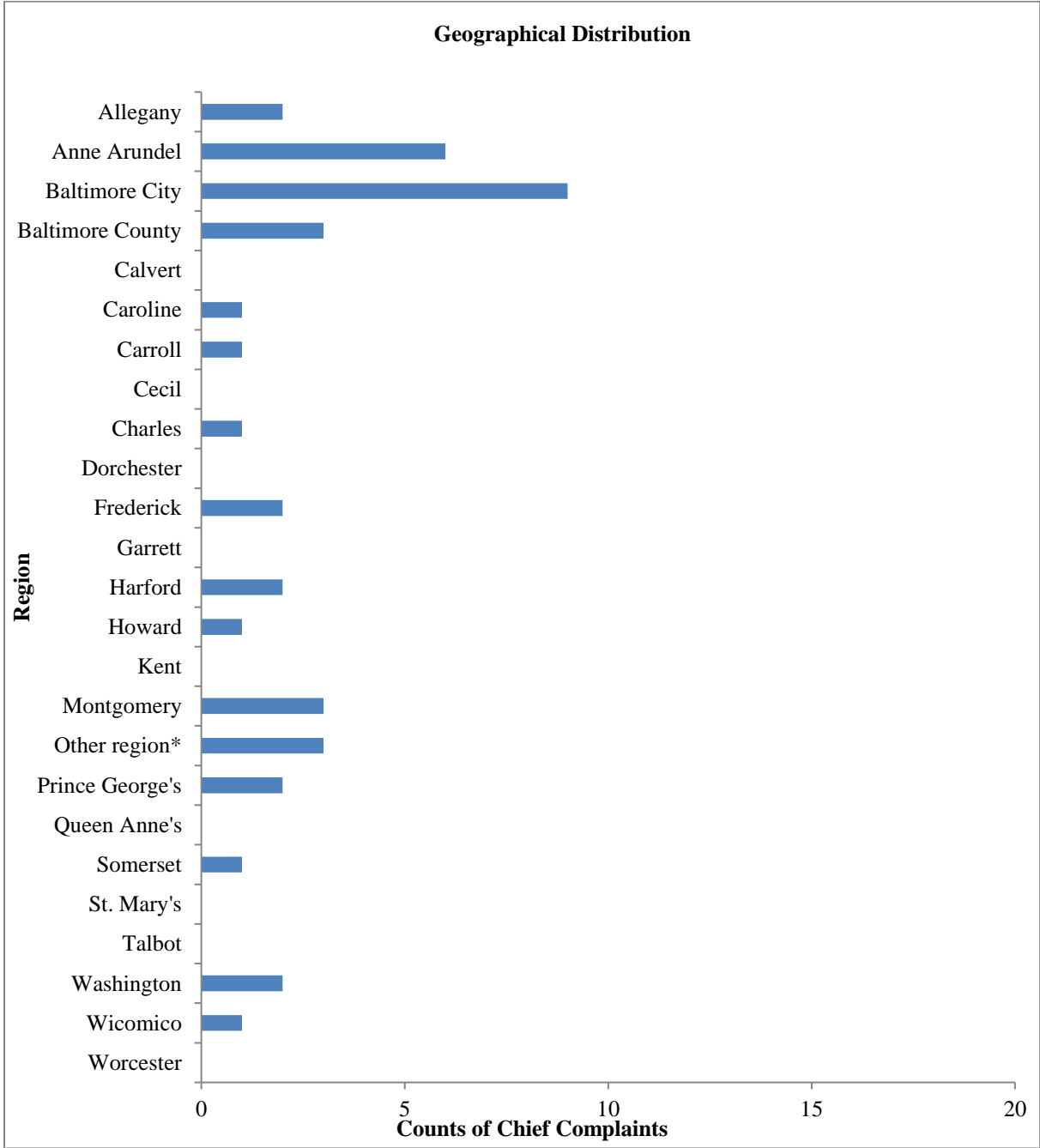
Emergency Department Chief Complaints Regarding Carbon Monoxide Exposure



Date	Number of Chief Complaints Regarding Cold-related Illness	Number of Chief Complaints Regarding Carbon Monoxide Exposure
January 15	5	6
January 16	6	2
January 17	7	3
January 18	4	1
January 19	2	7
January 20	6	0
January 21	10	0

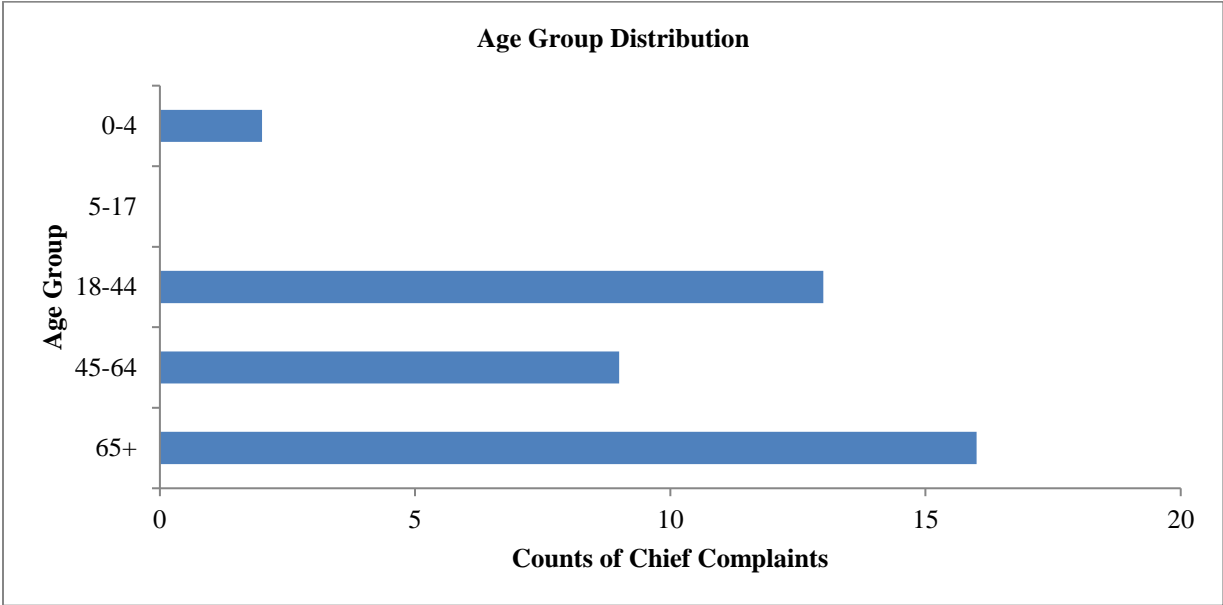
**Note: ESSENCE chief complaint query for cold-related illness contains the following terms: frostbite, frostnip, hypothermia, chilblain, and trench foot*

Geographical Distribution of Emergency Department Chief Complaints Regarding Cold-related Illnesses for January 15, 2019 through January 21, 2019



**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.*

Age Group Distribution of Emergency Department Chief Complaints Regarding Cold-related Illnesses for January 15, 2019 through January 21, 2019



Report continued on next page...

Total Number of Cold-related Deaths	Jurisdiction*	Age Group	Gender
12	Baltimore County	18 – 44 Years Old	Male
	Anne Arundel	18 – 44 Years Old	Female
	Baltimore County	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 City	45 - 64 Years Old	Male
	Carroll**	65+ Years Old	Female
	St. Mary's**	65+ Years Old	Female
	Anne Arundel	65+ Years Old	Female
	Baltimore County	65+ Years Old	Male
	Garrett	65+ Years Old	Male

*Refers to the jurisdiction where the death occurred. **Refers to a newly listed death ^Refers to updated information from OCME

There were two cold-related deaths reported this week. These individuals are not suspected or presumed homeless.

There have been 12 cold-related deaths during this reporting period. Three individuals are suspected or presumed homeless.

Wind Chill Advisory/Warning Criteria: The National Weather Service issues a Wind Chill Advisory for projected wind chill factors of -5°F to -25°F, and a Wind Chill Warning when the projected wind chill is for -25° or less.

Suspected Homeless Death Data: Office of the Chief Medical Examiner (OCME) Field Investigators use the U.S. Department of Health and Human Services (HHS) homeless definition to determine suspected homeless deaths. Homeless deaths are listed as suspected due to the limited information available to the Field Investigators at the time of investigation, which may result in some misclassifications.

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

For media inquiries, please contact the Office of Communications: 410-767-6490

Prepared by:

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

<http://preparedness.health.maryland.gov>

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

Jennifer Stanley, MPH
Epidemiologist, Biosurveillance Program
Office: 410-767-2074
Email: Jennifer.Stanley@maryland.gov

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

Sara Barra, MS
Emergency Operations Manager
Office: 410-767-6434
Email: Sara.Barra@maryland.gov

Carin Morrell, MA
Public Information Officer
Office: 410-767-0590
Email: Carin.Morrell@maryland.gov