



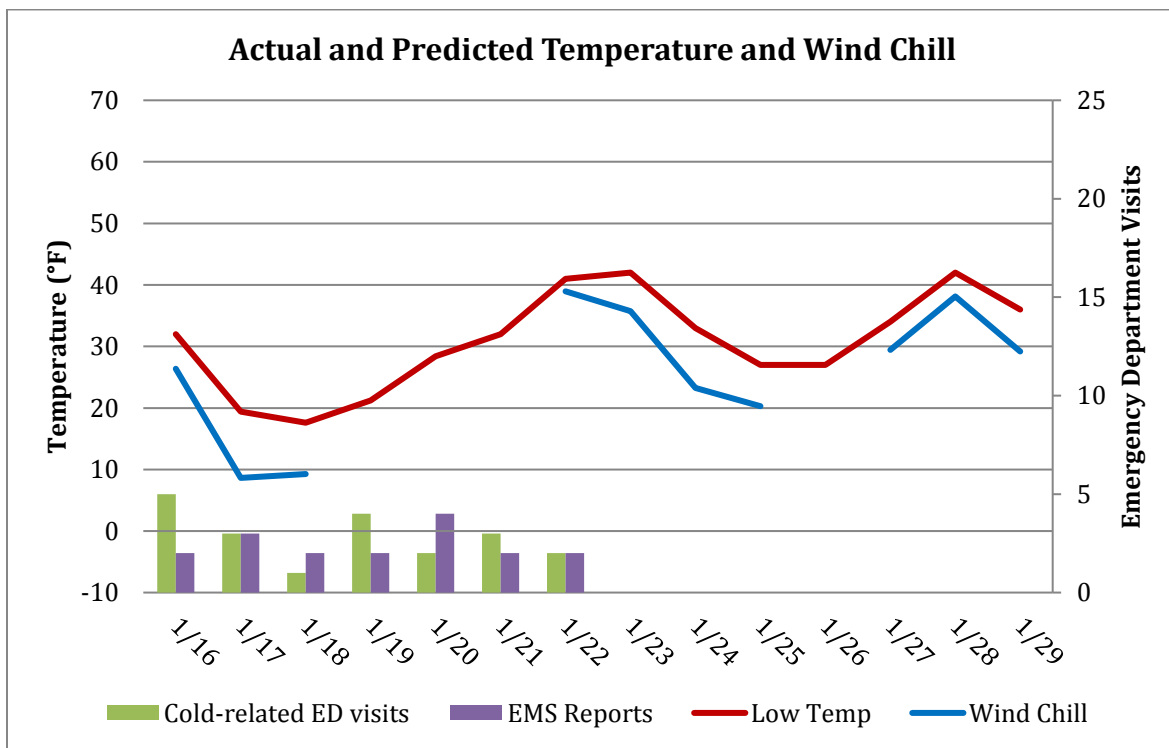
MARYLAND Department of Health

Weekly Cold-related Illness Surveillance Report

January 24, 2018

Reporting for January 16, 2018 to January 22, 2018

National Weather Service Forecast: No current advisories.
Wind Chill Advisories Declared During the Previous Week: 1
Total Wind Chill Advisories Declared This Winter: 14

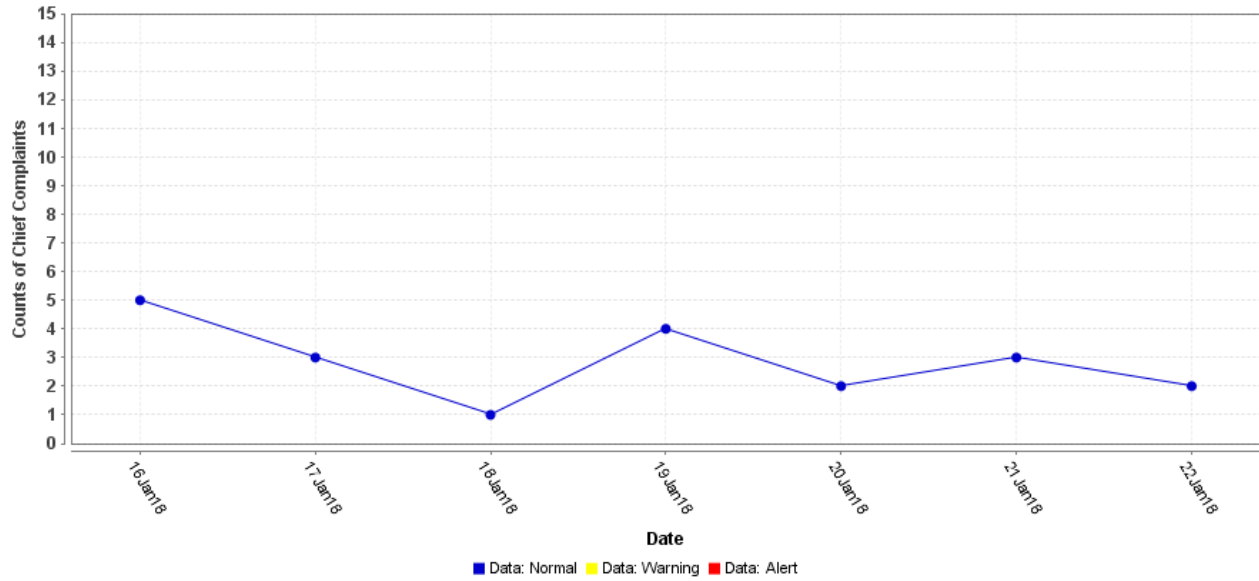


Wind Chill is only calculated for temperatures below 50°F and wind speeds above 3 mph

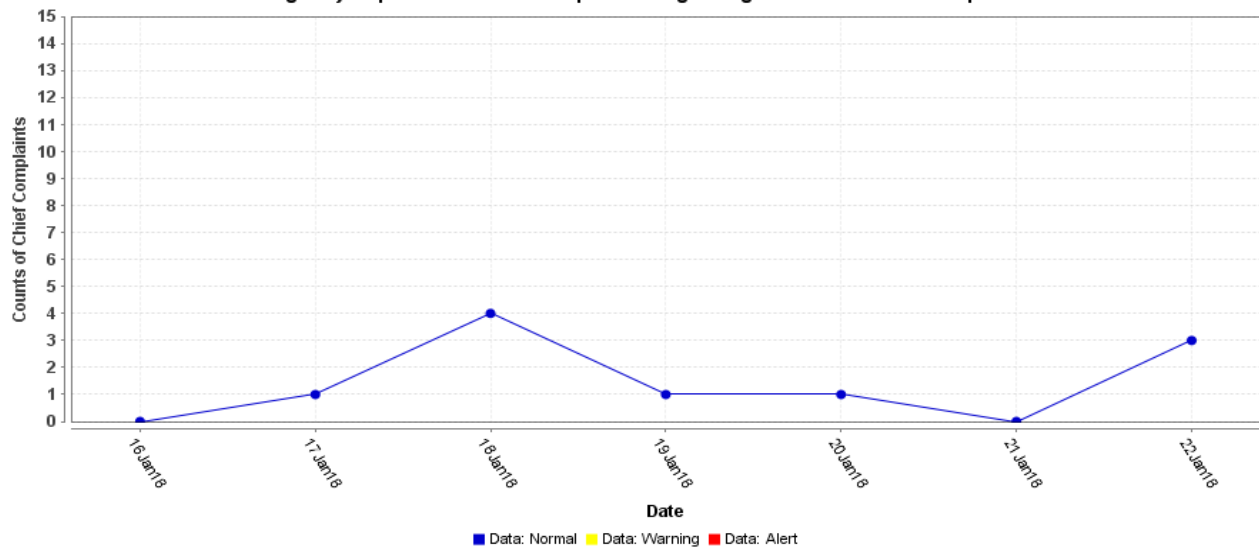
Note on Emergency Department Data: The results from the query used in ESSENCE, an electronic biosurveillance system, to track cold-related illnesses may be an overestimation of the actual burden of illness related to the cold weather. This overestimation is due to the nature of the query, which includes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



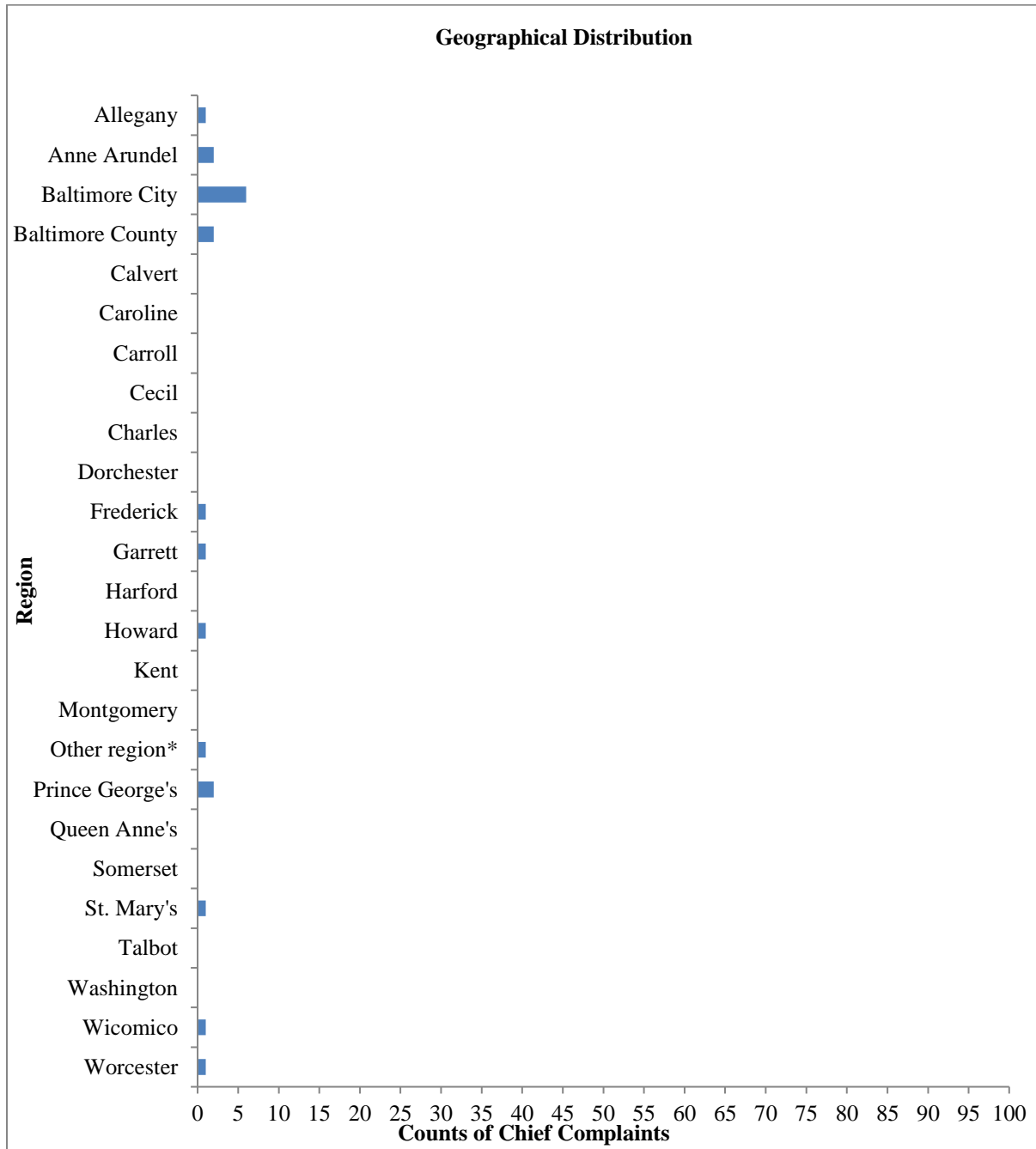
Emergency Department Chief Complaints Regarding Carbon Monoxide Exposure



Date	Number of Chief Complaints Regarding Cold-related Illness	Number of Chief Complaints Regarding Carbon Monoxide Exposure
January 16	5	0
January 17	3	1
January 18	1	4
January 19	4	1
January 20	2	1
January 21	3	0
January 22	2	3

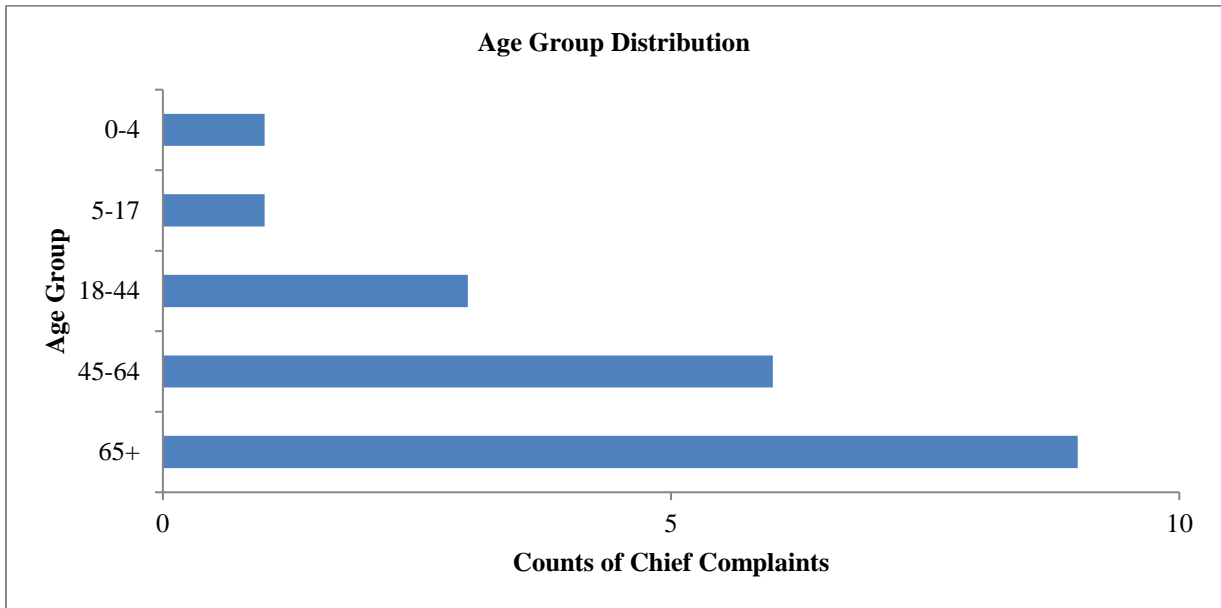
**Note: ESSENCE chief complaint query for cold-related illness contains the following terms: frostbite, frostnip, hypothermia, chilblain, and trench foot*

Geographical Distribution of Emergency Department Chief Complaints Regarding Cold-related Illnesses for January 16, 2018 through January 22, 2018



**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 16, 2018 through January 22, 2018



Report continued on next page...

Total Number of Cold-related Deaths	Jurisdiction*	Age Group	Gender
33	Baltimore City	Unknown	Female
	Prince George's	Unknown	Male
	Baltimore City	18-44 Years Old	Female
	Unknown	18-44 Years Old	Male
	Prince George's**	18-44 Years Old	Male
	Montgomery	45-64 Years Old	Male
	Baltimore City	45-64 Years Old	Male
	Prince George's	45-64 Years Old	Male
	Baltimore City	45-64 Years Old	Female
	Baltimore City	45-64 Years Old	Male
	Baltimore City	45-64 Years Old	Male
	Anne Arundel	45-64 Years Old	Male
	Anne Arundel	45-64 Years Old	Female
	Unknown**	45-64 Years Old	Male
	Montgomery**	45-64 Years Old	Male
	Baltimore City**	45-64 Years Old	Male
	Baltimore City**	45-64 Years Old	Female
	Howard**	45-64 Years Old	Male
	Washington**	45-64 Years Old	Male
	Garrett	65+ Years Old	Female
	Cecil	65+ Years Old	Male
	Baltimore City	65+ Years Old	Male
	Prince George's	65+ Years Old	Male
	Frederick	65+ Years Old	Female
	Baltimore City	65+ Years Old	Female
	Prince George's	65+ Years Old	Female
	Montgomery	65+ Years Old	Male
	Baltimore City	65+ Years Old	Male
	Montgomery**	65+ Years Old	Male
	Baltimore City**	65+ Years Old	Male
	Baltimore County**	65+ Years Old	Male
	Allegany**	65+ Years Old	Male
	Baltimore County**	65+ Years Old	Male

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

There were twelve cold-related deaths reported this week. Four of the twelve newly reported deaths occurred during Winter Storm Grayson from January 3-6, 2018. This brings the total number of deaths during that event to seven.

There have been thirty-three cold-related deaths during the reporting period this winter. Nine deaths were suspected or presumed homeless individuals.

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

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