



# MARYLAND Department of Health

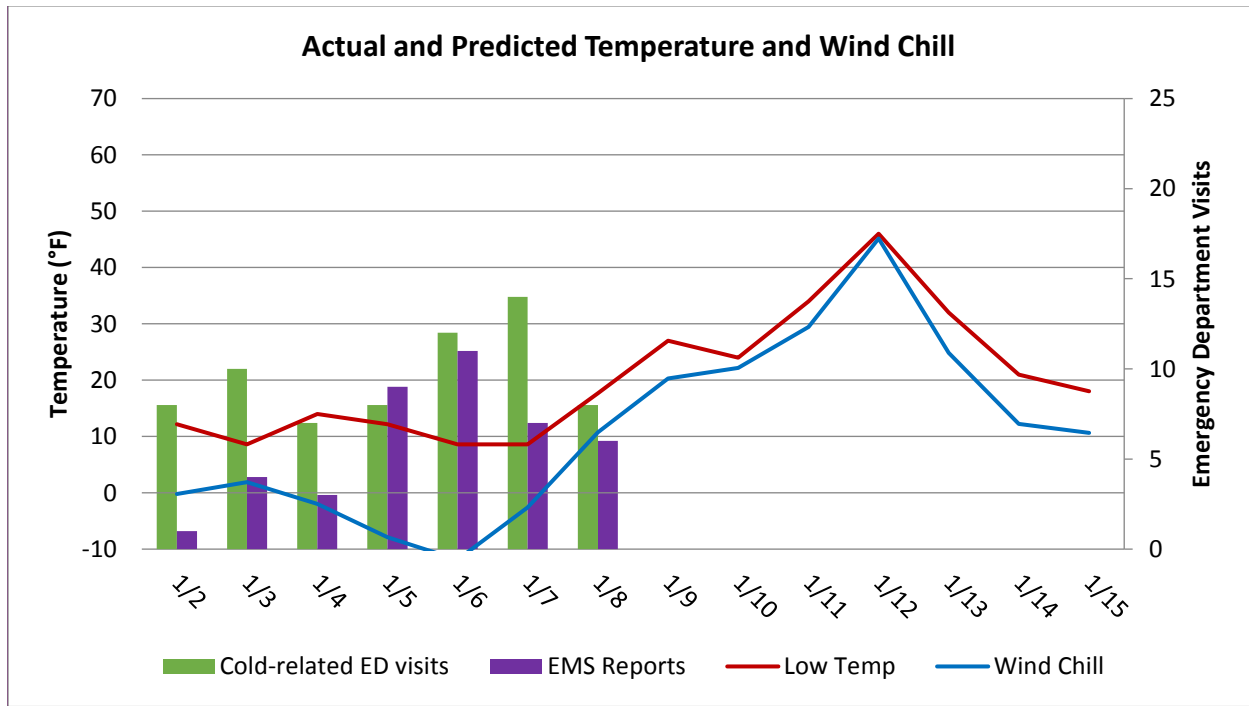
Larry Hogan, Governor · Boyd K. Rutherford, Lt. Governor · Robert R. Neall, Secretary

## Weekly Cold-related Illness Surveillance Report

January 10, 2018

Reporting for January 2, 2018 to January 8, 2018

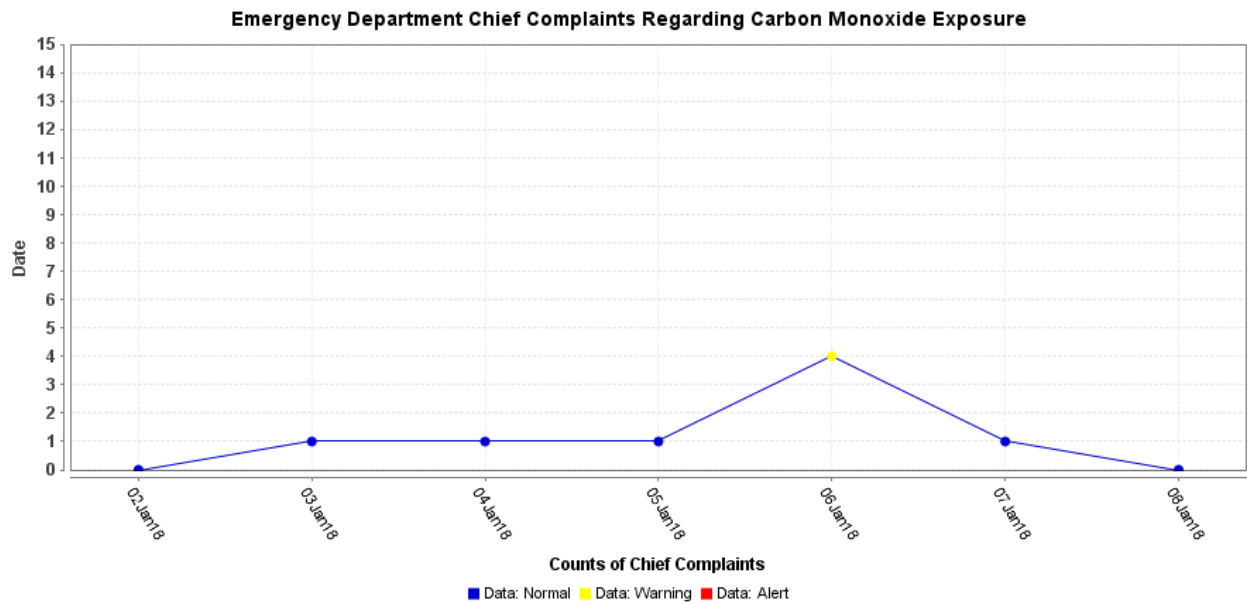
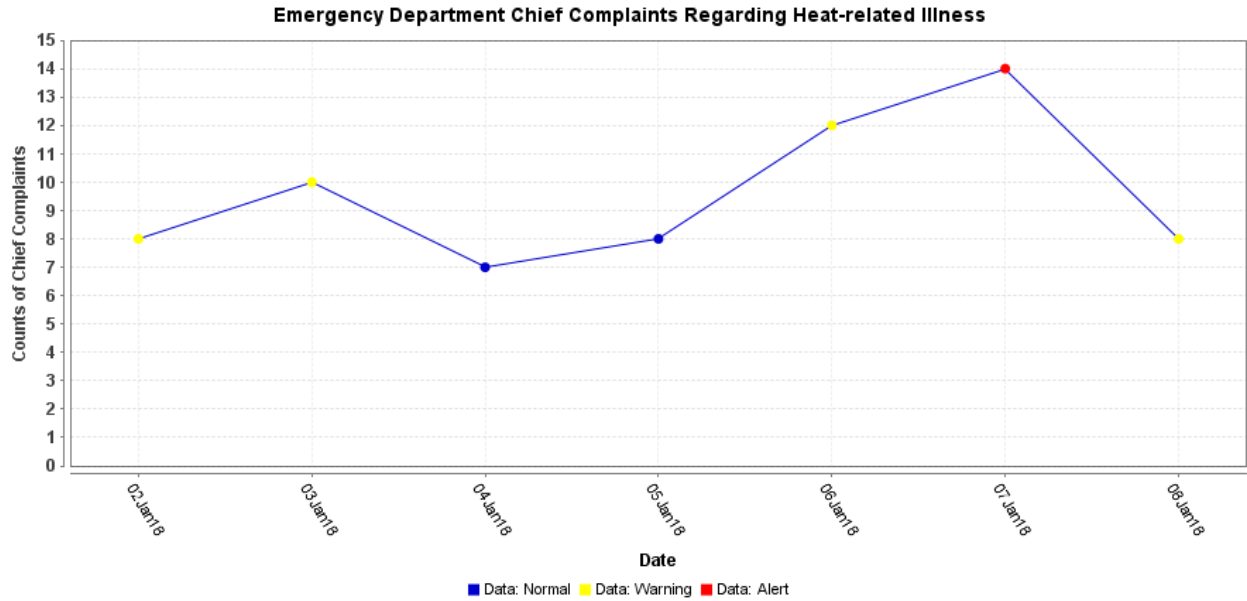
**National Weather Service Forecast:** No current advisories.  
**Wind Chill Advisories Declared During the Previous Week:** 6  
**Total Wind Chill Advisories Declared This Winter:** 12



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.

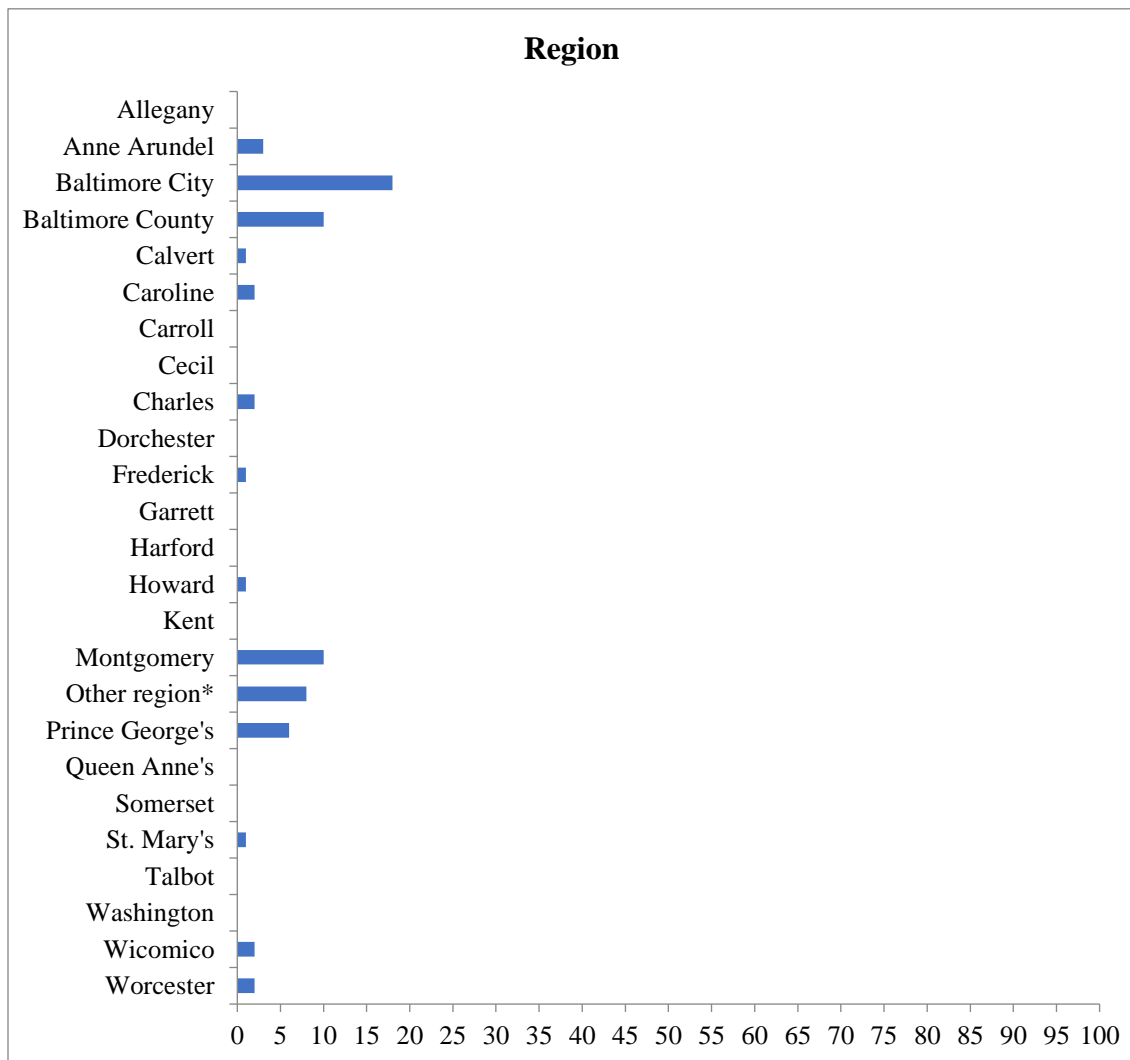
**Note on EMS Data:** These data are based on EMS pre-hospital care reports where the EMS provider has selected hypothermia as a primary or secondary impression a patient’s illness. This impression is solely based on the signs and symptoms seen by the provider, not on any diagnostic tests. Since these 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.



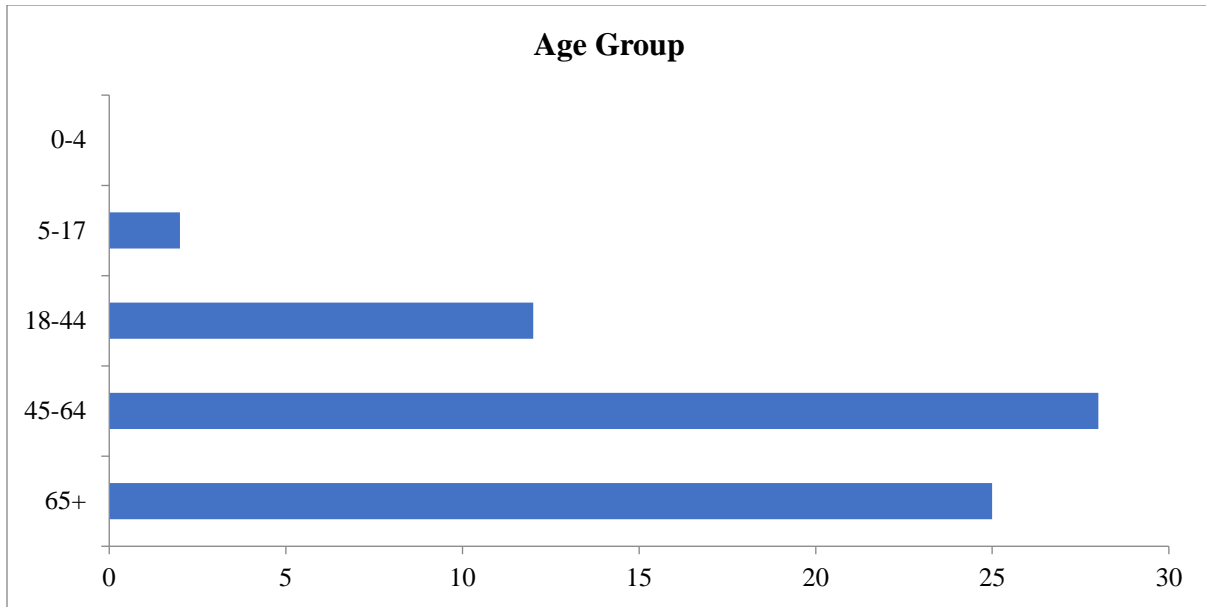
Date	Number of Chief Complaints Regarding Cold-related Illness	Number of Chief Complaints Regarding Carbon Monoxide Exposure
January 2	8	0
January 3	10	1
January 4	7	1
January 5	8	1
January 6	12	4
January 7	14	1
January 8	8	0

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

### Geographical and Age Group Distribution of Emergency Department Chief Complaints Regarding Cold-related Illnesses for January 2, 2018 through January 8, 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.



Total Number of Cold-related Deaths	Jurisdiction*	Age Group	Gender
19	Baltimore City	Unknown	Female
	Prince George's**	Unknown	Male
	Baltimore City**	18-44 Years Old	Female
	Unknown**	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
	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

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

There were fourteen cold-related deaths reported this week. Three of the fourteen newly reported deaths occurred during the recent Cold Weather Event.

There have been nineteen 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 -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](#).

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