



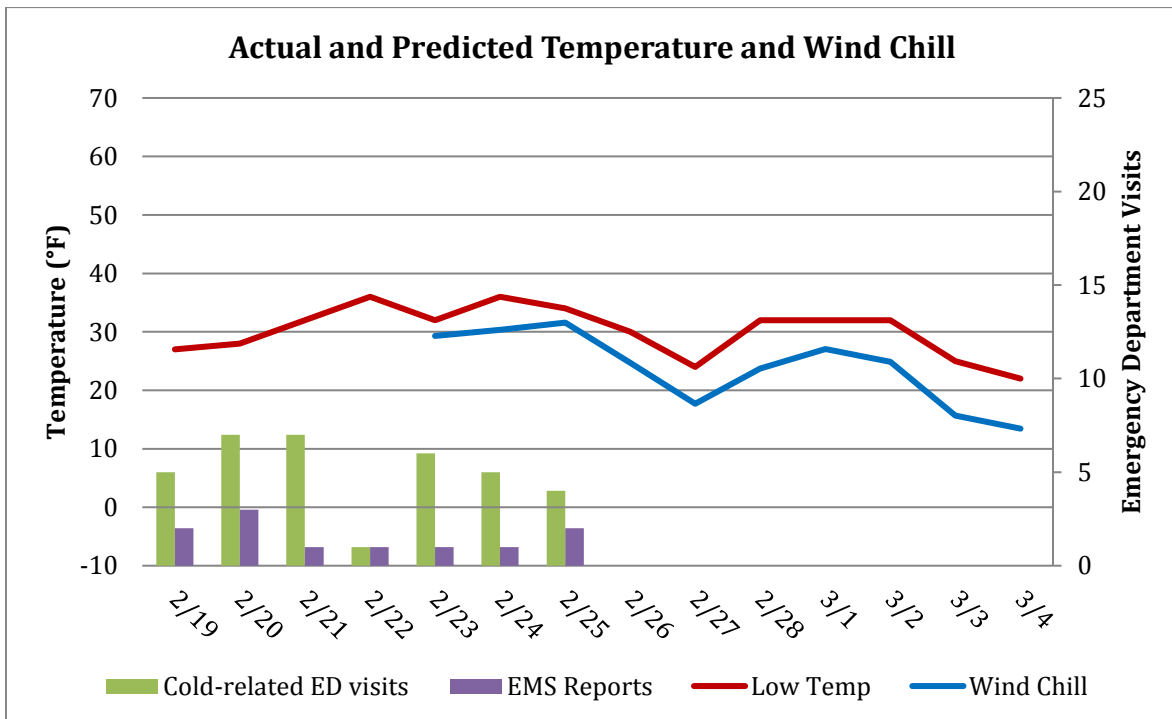
MARYLAND Department of Health

Weekly Cold-related Illness Surveillance Report

February 27, 2019

Reporting for February 19, 2019 to February 25, 2019

National Weather Service Forecast: No current advisories.
Wind Chill Advisories Declared During the Previous Week: 0
Total Wind Chill Advisories Declared This Winter: 4

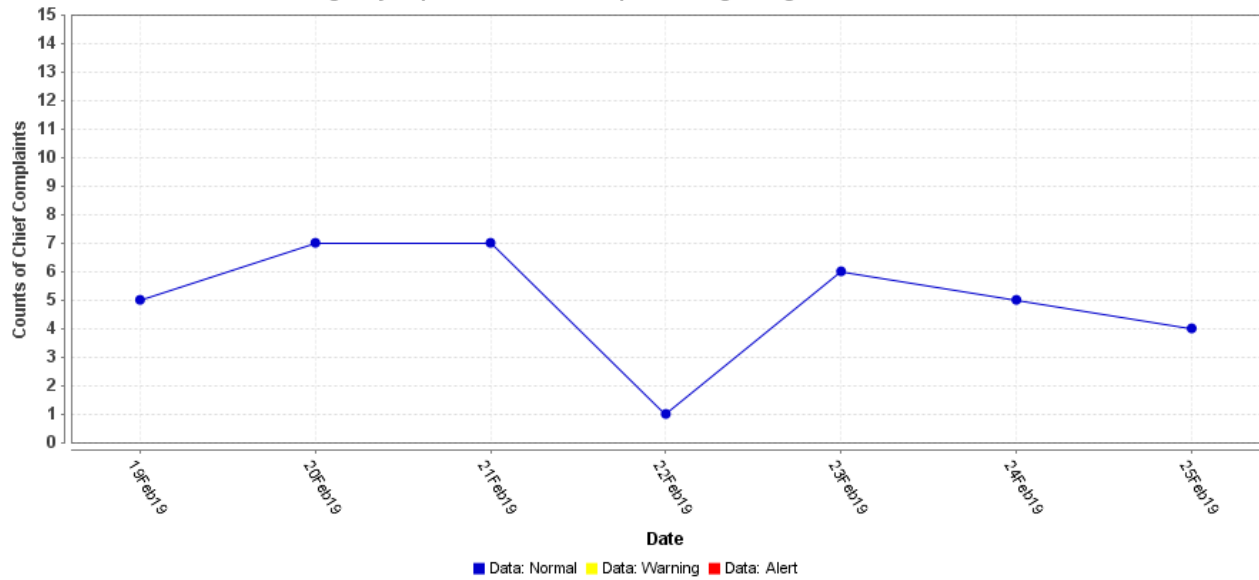


Wind Chill is only calculated for temperatures below 50°F and wind speeds above 3 mph

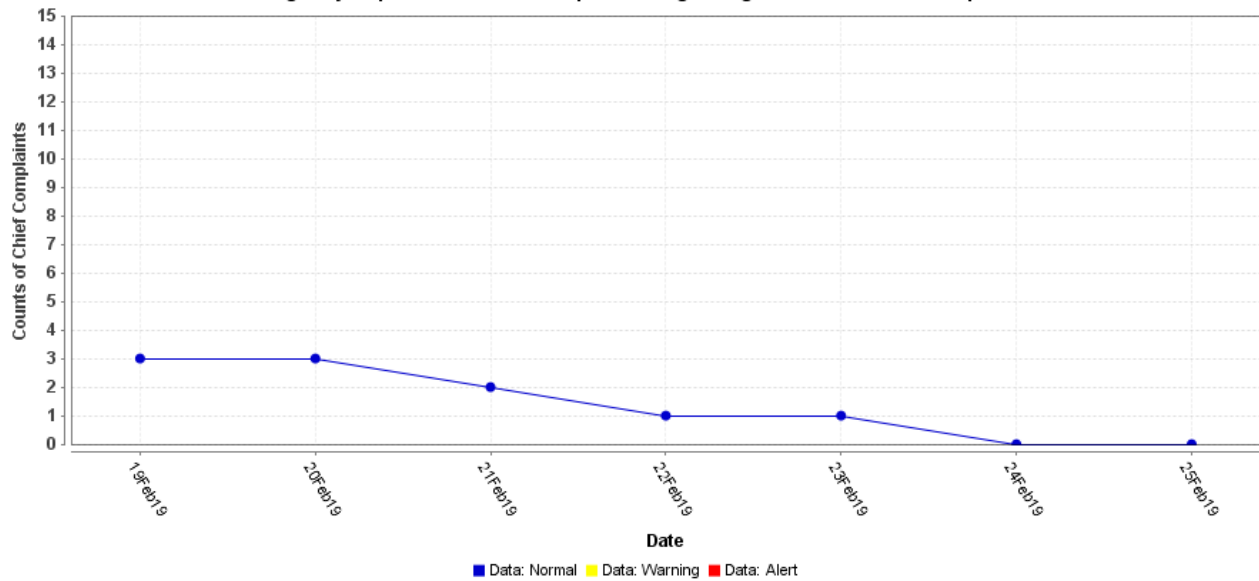
Note on Emergency Department Data: The results from the query used in ESSENCE, an electronic biosurveillance system, to track cold-related illnesses may be an overestimation of the actual burden of illness related to the cold weather. This overestimation is due to the nature of the query, which includes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



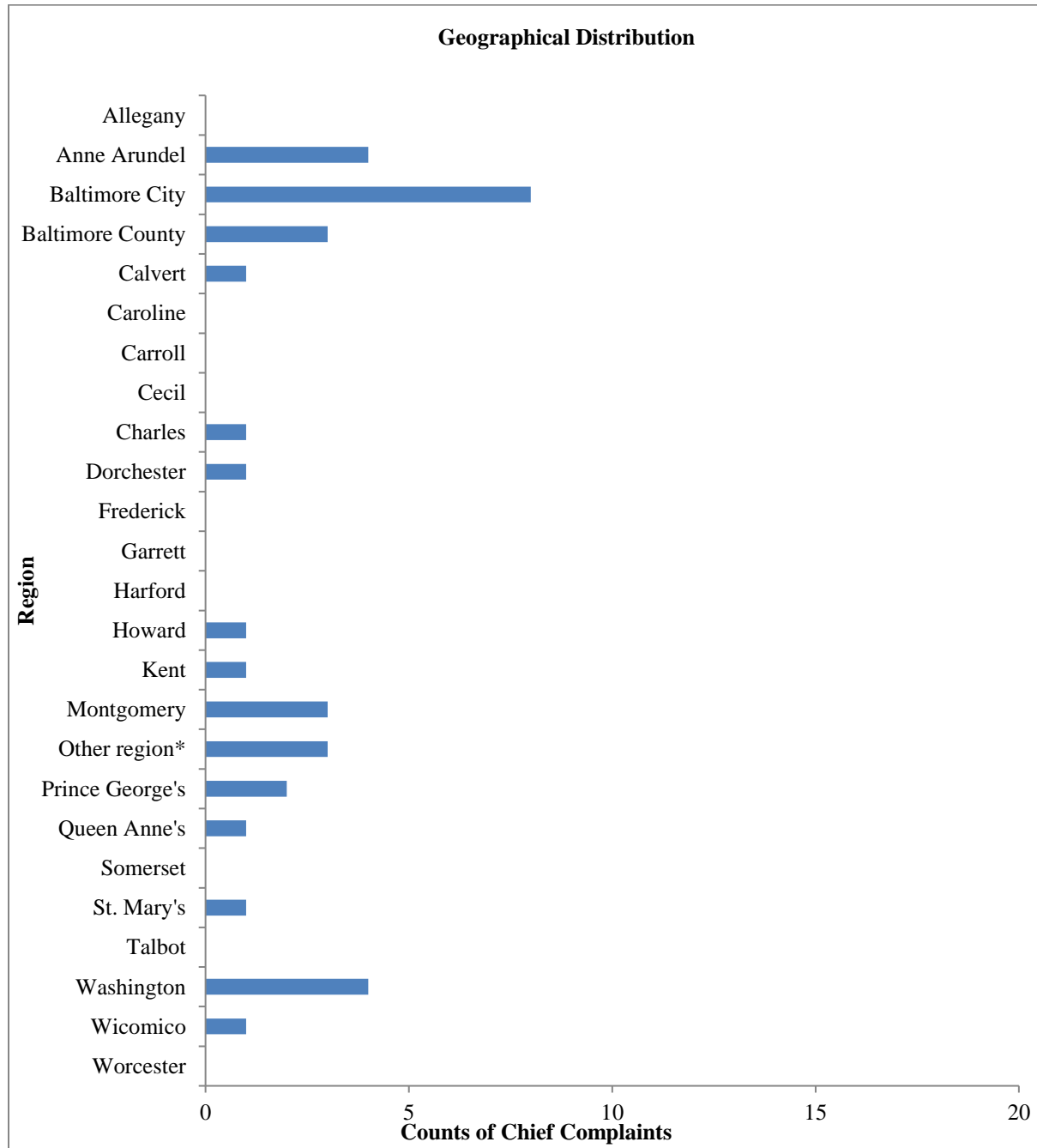
Emergency Department Chief Complaints Regarding Carbon Monoxide Exposure



| Date | Number of Chief Complaints Regarding Cold-related Illness | Number of Chief Complaints Regarding Carbon Monoxide Exposure |
|-------------|---|---|
| February 19 | 5 | 3 |
| February 20 | 7 | 3 |
| February 21 | 7 | 2 |
| February 22 | 1 | 1 |
| February 23 | 6 | 1 |
| February 24 | 5 | 0 |
| February 25 | 4 | 0 |

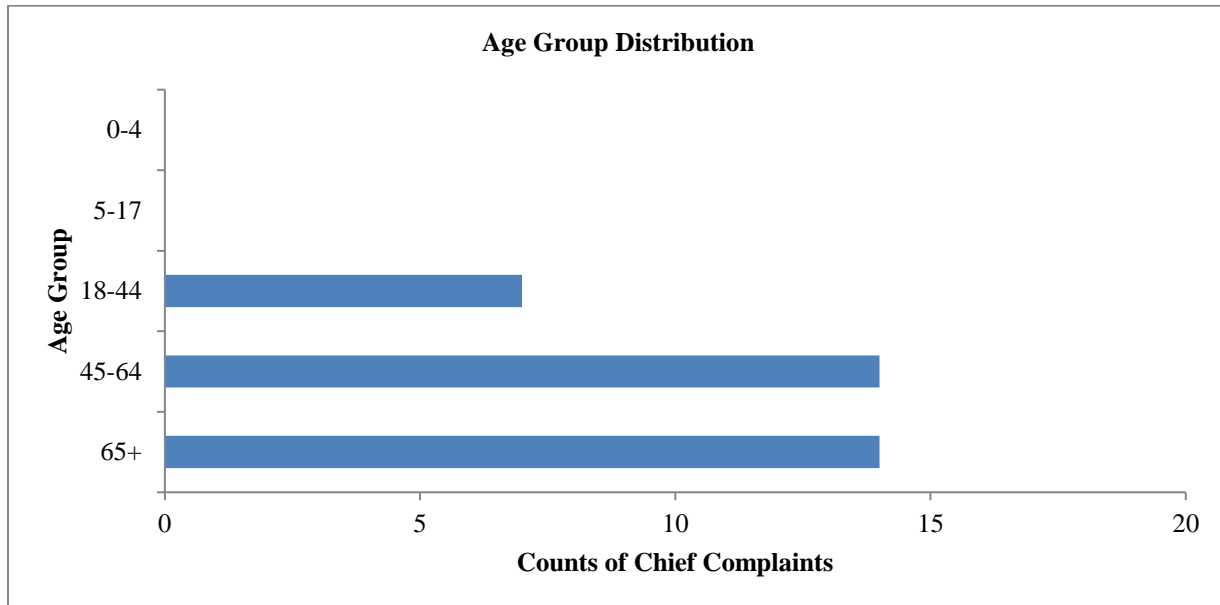
**Note: ESSENCE chief complaint query for cold-related illness contains the following terms: frostbite, frostnip, hypothermia, chilblain, and trench foot*

Geographical Distribution of Emergency Department Chief Complaints Regarding Cold-related Illnesses for February 19, 2019 through February 25, 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 February 19, 2019 through February 25, 2019



Report continued on next page...

| Total Number of Cold-related Deaths | Jurisdiction* | Age Group | Gender |
|--|----------------------|-------------------|---------------|
| 36 | Baltimore City | 18 – 44 Years Old | Female |
| | Anne Arundel | 18 – 44 Years Old | Female |
| | Anne Arundel | 18 – 44 Years Old | Male |
| | Baltimore City | 18 – 44 Years Old | Male |
| | Baltimore County | 18 – 44 Years Old | Male |
| | Anne Arundel | 18 – 44 Years Old | Female |
| | Baltimore County | 45 - 64 Years Old | Male |
| | Montgomery | 45 – 64 Years Old | Female |
| | Howard | 45 – 64 Years Old | Female |
| | Prince George’s | 45 – 64 Years Old | Male |
| | Anne Arundel | 45 – 64 Years Old | Male |
| | Montgomery | 45 – 64 Years Old | Male |
| | Harford | 45 – 64 Years Old | Male |
| | Baltimore City | 45 – 64 Years Old | Male |
| | Frederick | 45 – 64 Years Old | Male |
| | 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 |
| | Kent** | 65+ Years Old | Male |
| | Baltimore County** | 65+ Years Old | Male |
| | Anne Arundel | 65+ Years Old | Female |
| | Harford | 65+ Years Old | Female |
| | Harford | 65+ Years Old | Female |
| | Prince George’s | 65+ Years Old | Male |
| | Baltimore City | 65+ Years Old | Male |
| | Anne Arundel | 65+ Years Old | Male |
| | Baltimore City | 65+ Years Old | Male |
| | Baltimore City | 65+ Years Old | Male |
| | Montgomery | 65+ 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*

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

There have been 36 cold-related deaths during this reporting period. Ten 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

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