



MARYLAND Department of Health

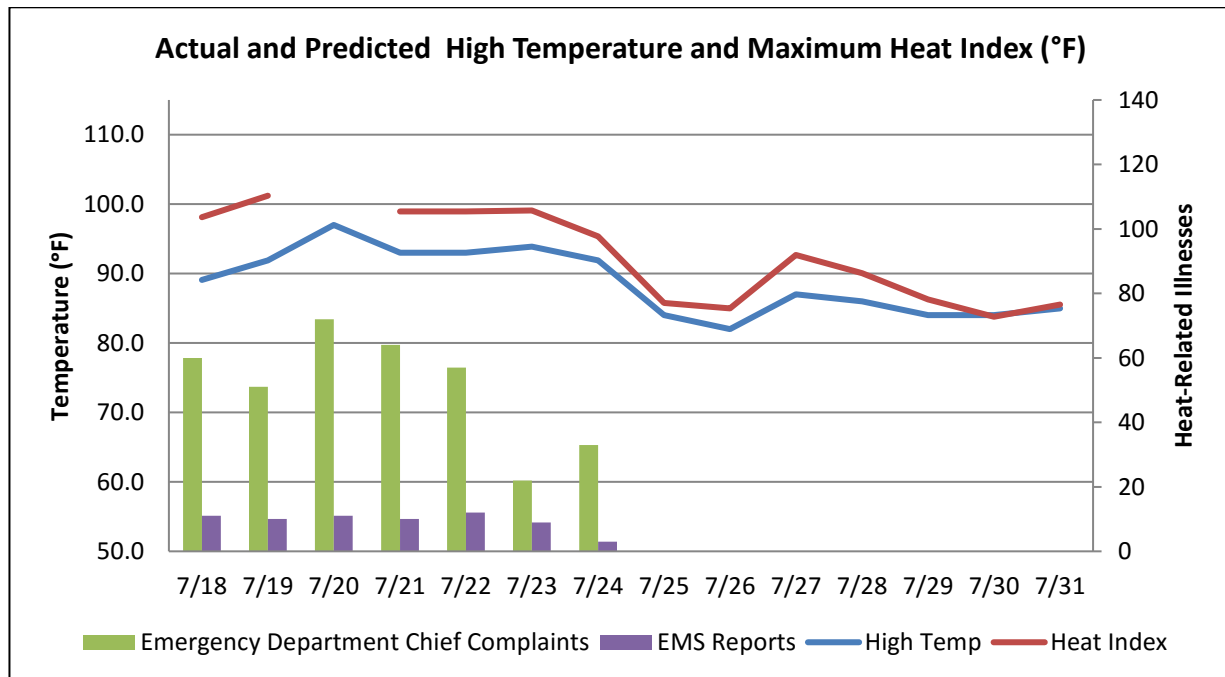
Larry Hogan, Governor · Boyd Rutherford, Lt. Governor · Dennis Schrader, Secretary

Weekly Heat-related Illness Surveillance Report

July 26, 2017

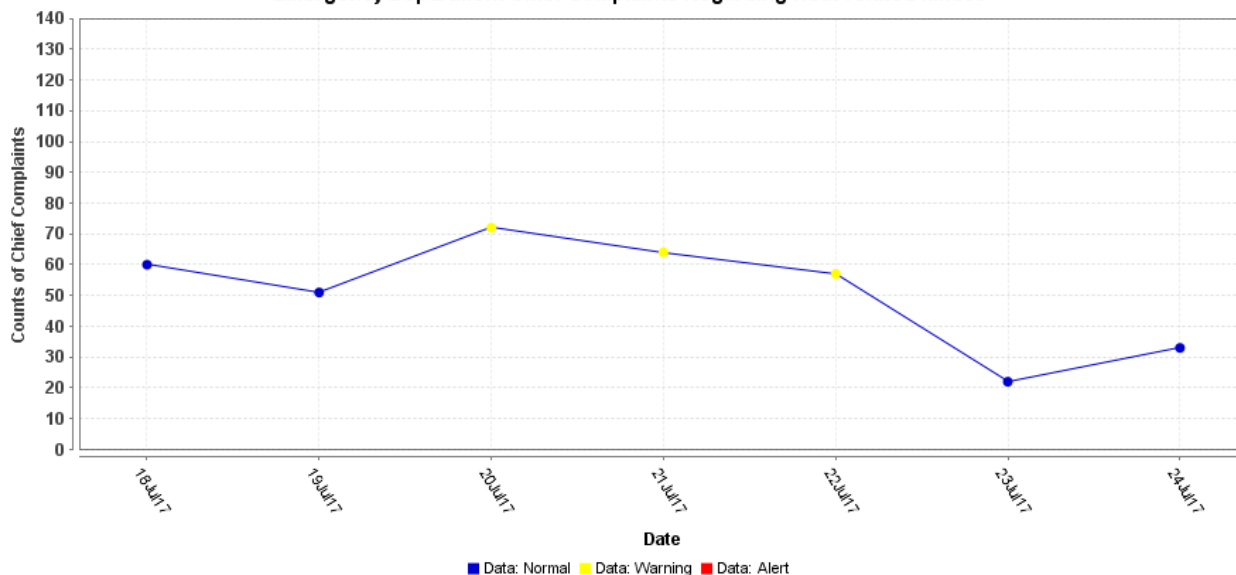
Reporting for July 18, 2017 through July 24, 2017

National Weather Service Forecast: No hazardous heat forecast.
Heat Advisories Declared During the Previous Week: 3
Total Heat Advisories Declared This Year: 5



Heat Indexes are calculated for temperatures above 80°F with humidity of 43% or greater.

Emergency Department Chief Complaints Regarding Heat-related Illness

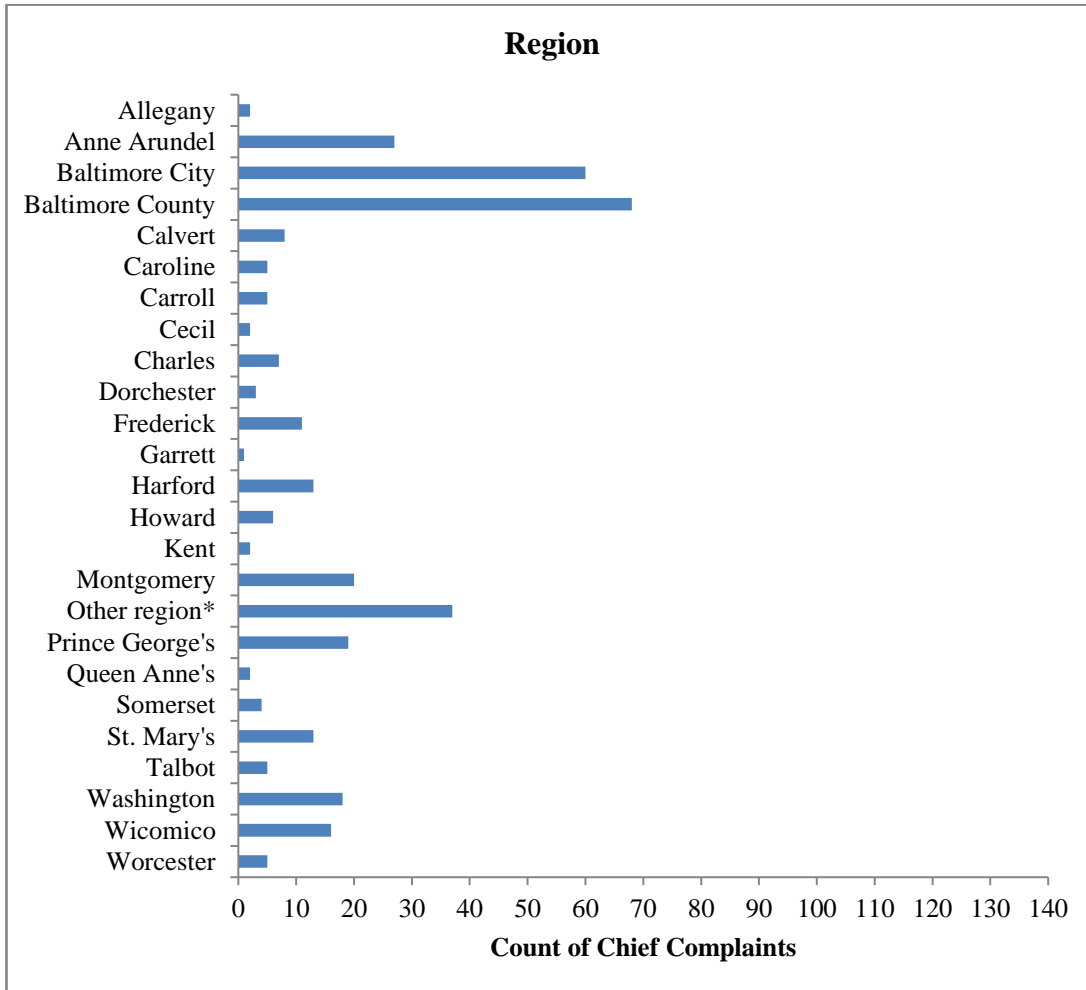


Date	Number of Chief Complaints Regarding Heat-related Illnesses State of Maryland
July 18	60
July 19	51
July 20	72
July 21	64
July 22	57
July 23	22
July 24	33

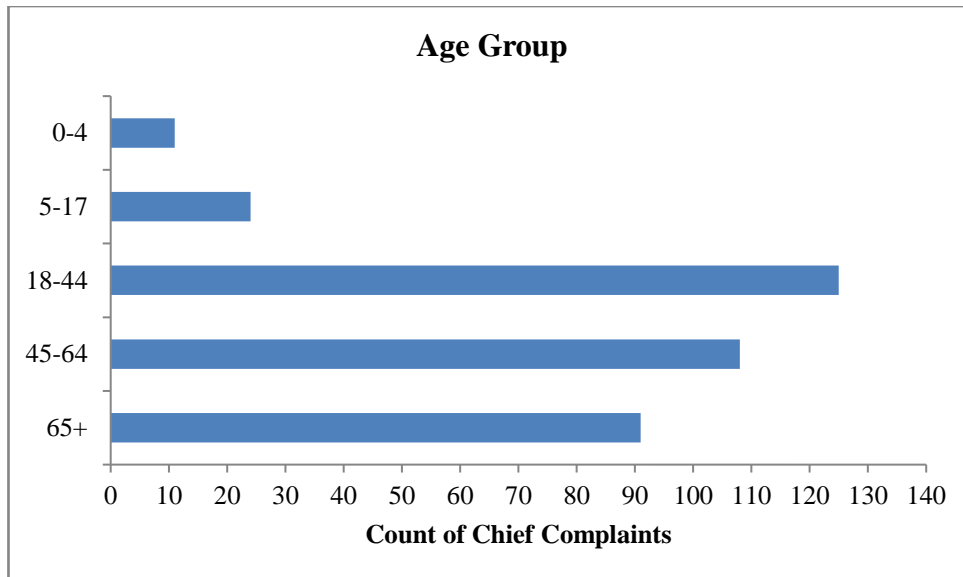
ESSENCE chief complaint query contains the following terms: hyperthermia, heat, dehydration and sunburn

There were no chief complaint clusters identified during the week.

Geographical and Age Group Distribution of Emergency Department Chief Complaints Regarding Heat-related Illnesses for July 18 through July 24, 2017



*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.



The chart below shows the Heat-related Deaths for the reporting period May 24 through July 24, 2017.

Total Number of Heat-related Deaths	Jurisdiction*	Age Group	Gender
4	Anne Arundel	65+	Female
	Anne Arundel	65+	Male
	Montgomery	65+	Female
	Allegany**	65+	Male

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

There was one heat-related death reported this week.

There have been four heat-related deaths during our reporting period this summer. These deaths are not suspected or presumed to be homeless individuals.

For media inquiries, please contact the Office of Communications: [410-767-6490](tel:410-767-6490)

Heat Advisory criteria: The National Weather Service will issue a Heat Advisory when the heat index value is expected to reach 105 to 109 degrees within the next 12 to 24 hours. A Heat Advisory may be issued for lower criteria if it is early in the season or during a multiday heat wave. NWS will issue an Excessive Heat Warning when the heat index value is expected to reach or exceed 110 degrees within the next 12 to 24 hours. An Excessive Heat Warning may be issued for lower criteria if it is early in the season or during a multiday heat wave.

Emergency Department Data: The results from the query used in ESSENCE, an electronic biosurveillance system, to track heat-related illnesses may be an overestimation of the actual burden of illness related to the hot weather. This overestimation is due to the nature of the query, which includes the term dehydration, a condition that may be caused by factors other than heat.

Emergency Medical Services (EMS) Data: These data are based on EMS pre-hospital care reports where the EMS provider has selected “Heat Exhaustion/Heat Stroke” and/or “Hyperthermia” 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 heat exposure the actual numbers may be low. These data are reported for trending purposes only.

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.

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