



STATE OF MARYLAND

# DMMH

Maryland Department of Health and Mental Hygiene  
 300 W. Preston Street, Suite 202, Baltimore, Maryland  
 21201

Martin O'Malley, Governor – Anthony G. Brown, Lt. Governor – Joshua M. Sharfstein, M.D., Secretary

**Office of Preparedness & Response**

Sherry Adams, R.N., C.P.M, Director

Isaac P. Ajit, M.D., M.P.H., Deputy Director

## Weekly Heat-related Illness Surveillance Report

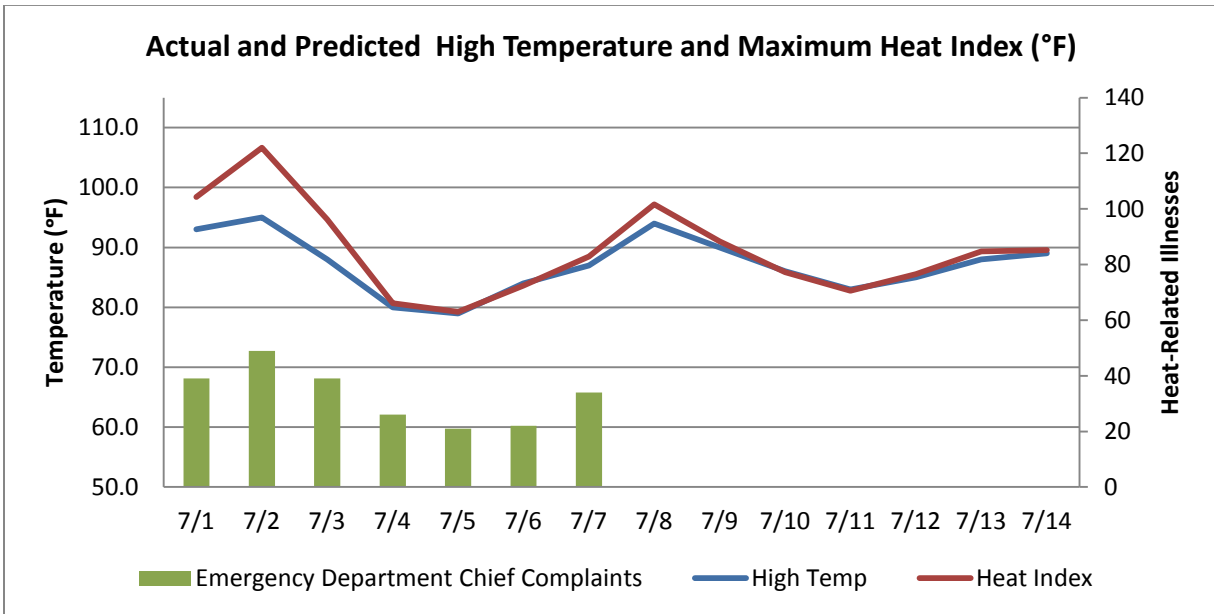
July 9, 2014

Reporting for 07/01/14 through 07/07/14

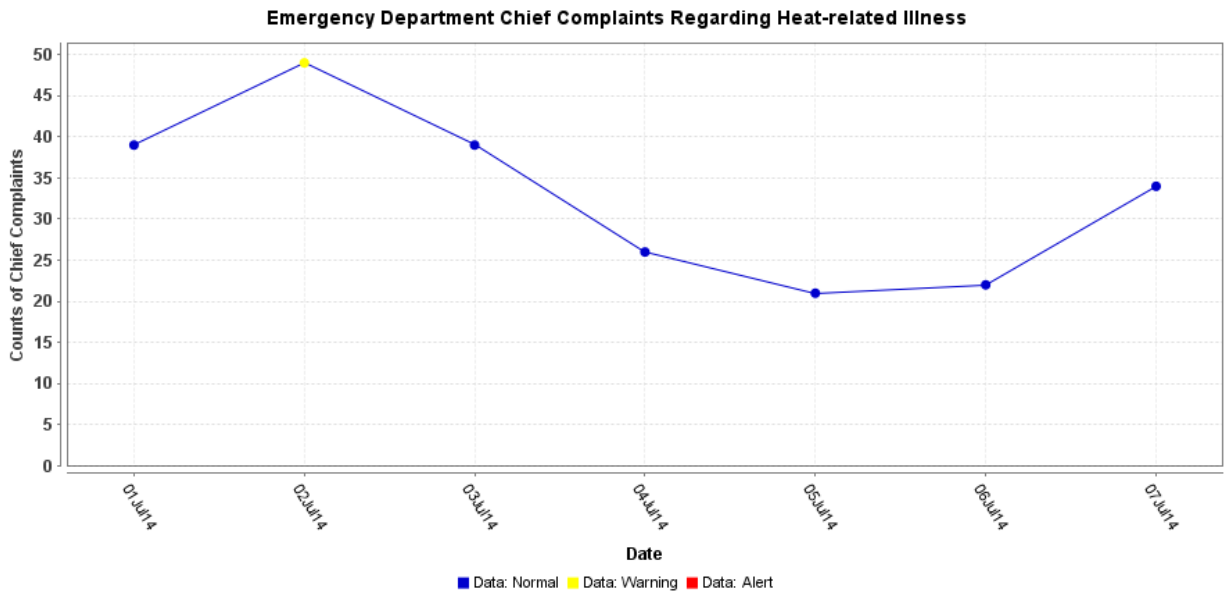
**National Weather Service Forecast:** No hazardous heat forecast.

**Heat Advisories Declared During the Previous Week:** 1

**Total Heat Advisories Declared This Year:** 1



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

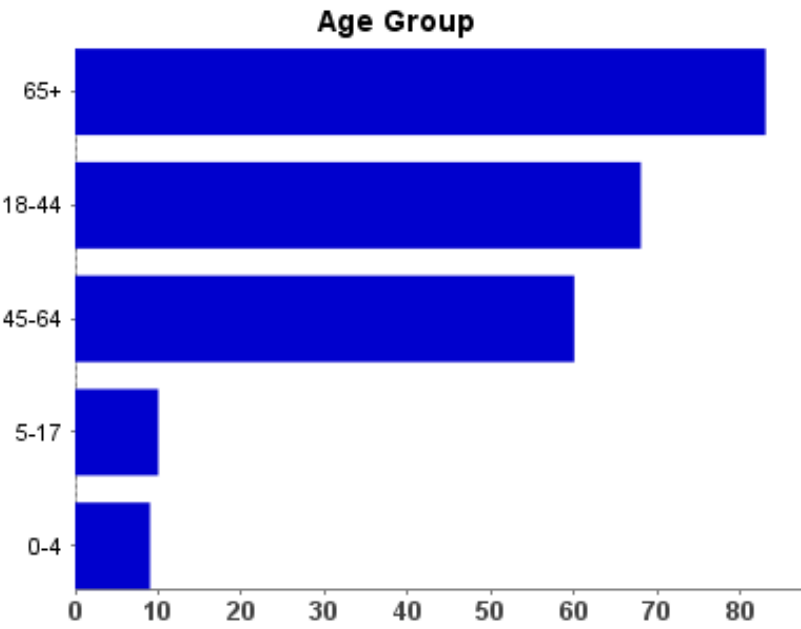
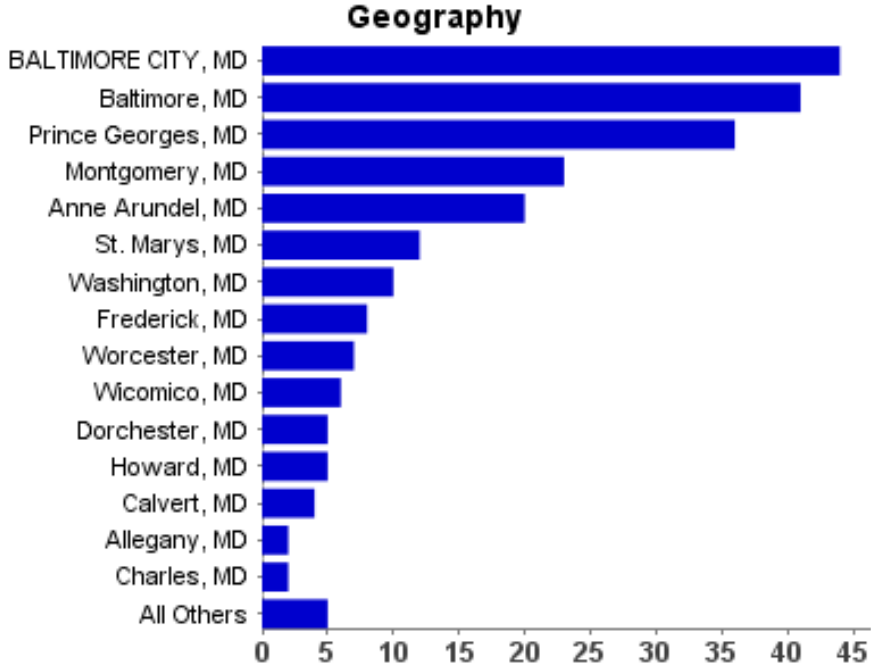


Date	Number of Chief Complaints Regarding Heat-related Illnesses State of Maryland
July 1	39
July 2	49
July 3	39
July 4	26
July 5	21
July 6	22
July 7	34

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

There were no chief complaint clusters identified during the week.

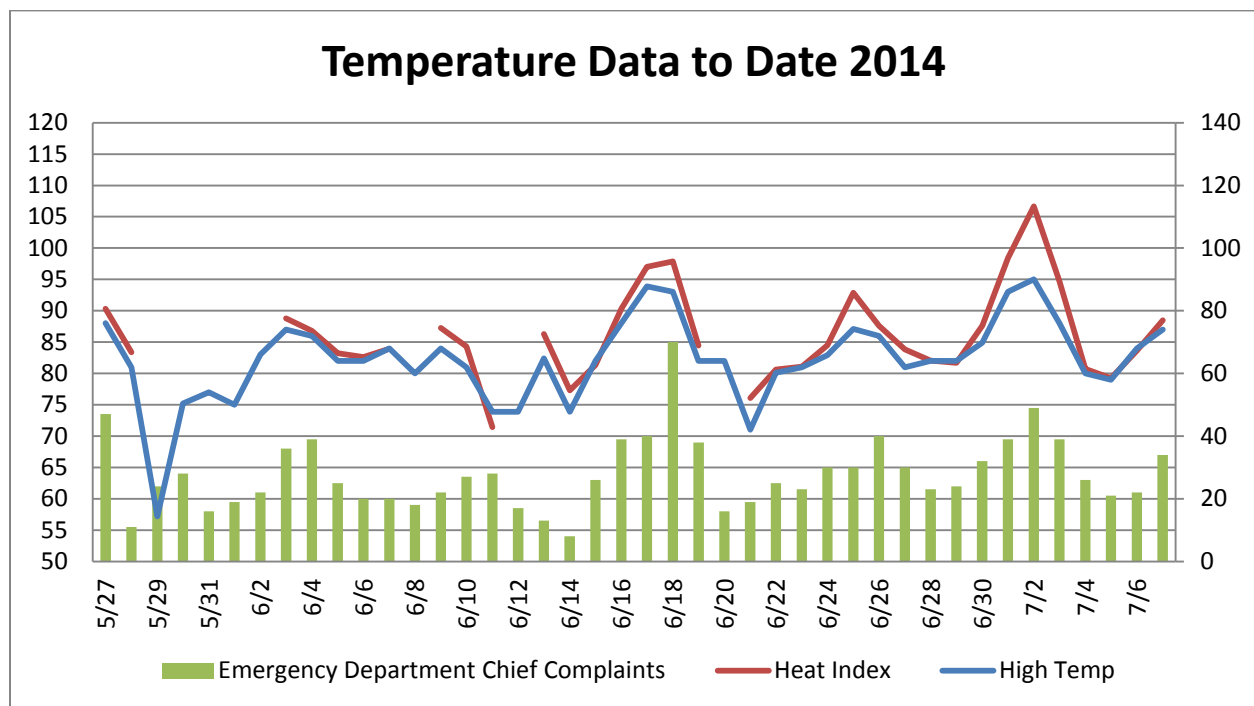
# Geographical and Age Group Distribution of Emergency Department Chief Complaints Regarding Heat-related Illnesses for July 1 through July 7, 2014



Total Number of Heat-related Deaths	Jurisdiction*	Age Group	Gender
2	Harford County	65+ Years Old	Female
	Baltimore County	65+ Years Old	Male

There were no heat-related deaths reported this week.

There have been a total of 2 heat-related deaths during our reporting period this summer.



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.

**Note:** The heat report will be released on Wednesdays, with the reporting period being the previous Tuesday through Monday. 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.

**Prepared by:** Anikah Salim, MPH, CPH  
Biosurveillance Epidemiologist  
Office of Preparedness and Response  
Maryland Department of Health & Mental Hygiene  
300 W. Preston Street, Suite 202  
Baltimore, MD 21201  
Office: 410-767-2074  
Email: Anikah.Salim@maryland.gov

Nathan Fecik, MPH  
Health Policy Analyst  
Office of Preparedness and Response  
Maryland Department of Health and Mental Hygiene  
300 W. Preston Street, Suite 202  
Baltimore, MD 21201  
Office: 410-767-9647  
Email: Nathan.Fecik@maryland.gov