



STATE OF MARYLAND

DHMH

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

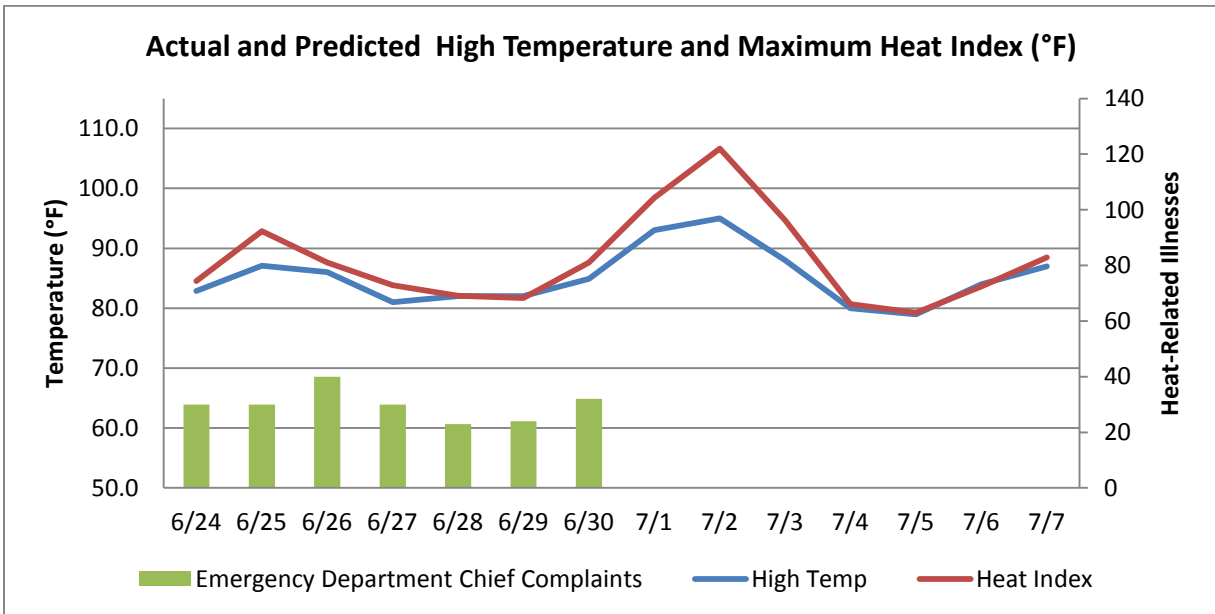
July 2, 2014

Reporting for 06/24/14 through 06/30/14

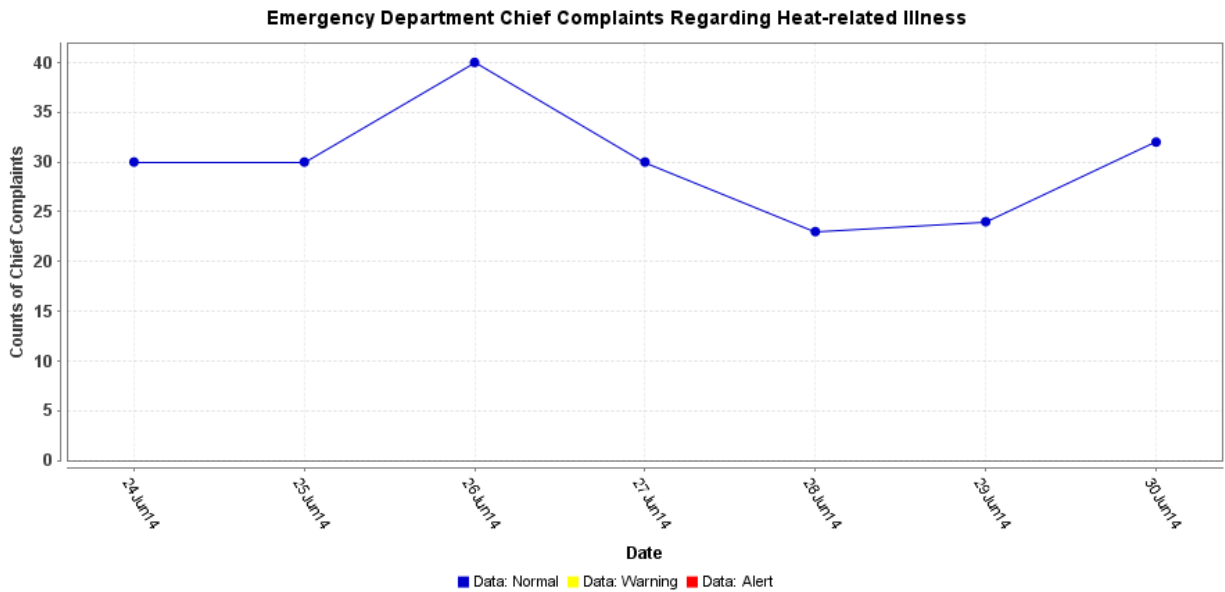
National Weather Service Forecast: Heat Advisory issued by NWS for July 2 for Central and Southern Maryland.

Heat Advisories Declared During the Previous Week: 0

Total Heat Advisories Declared This Year: 0



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

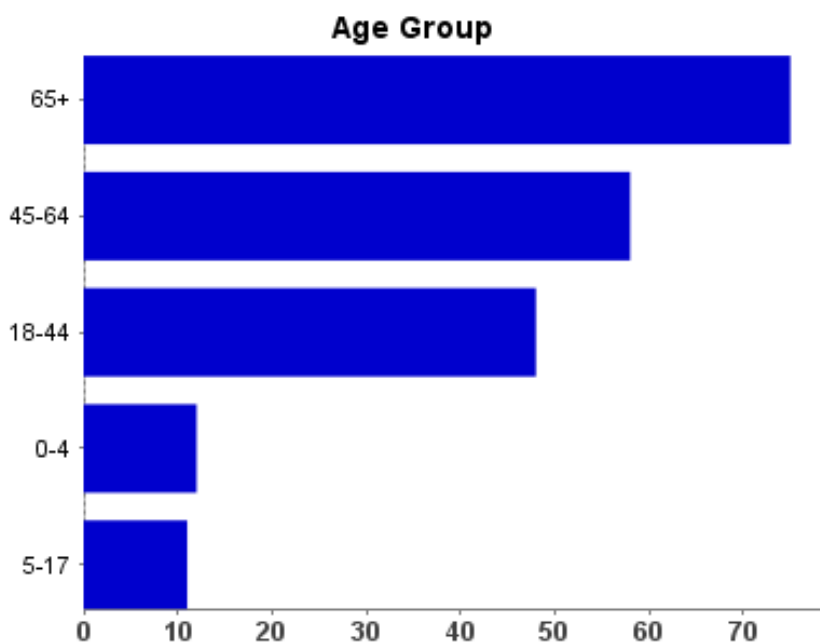
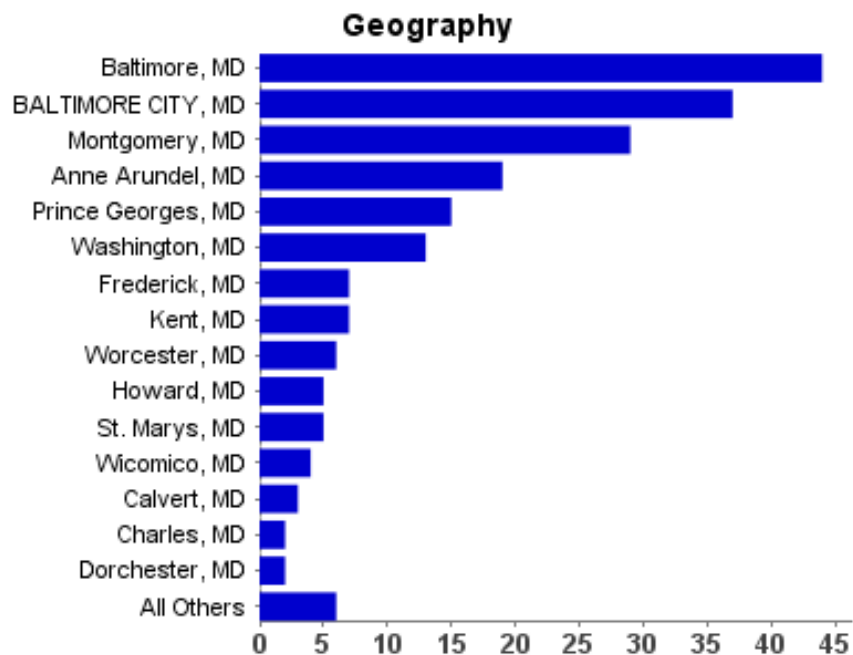


Date	Number of Chief Complaints Regarding Heat-related Illnesses State of Maryland
June 24	30
June 25	30
June 26	40
June 27	30
June 28	23
June 29	24
June 30	32

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

There were no chief complaint clusters identified during the week.

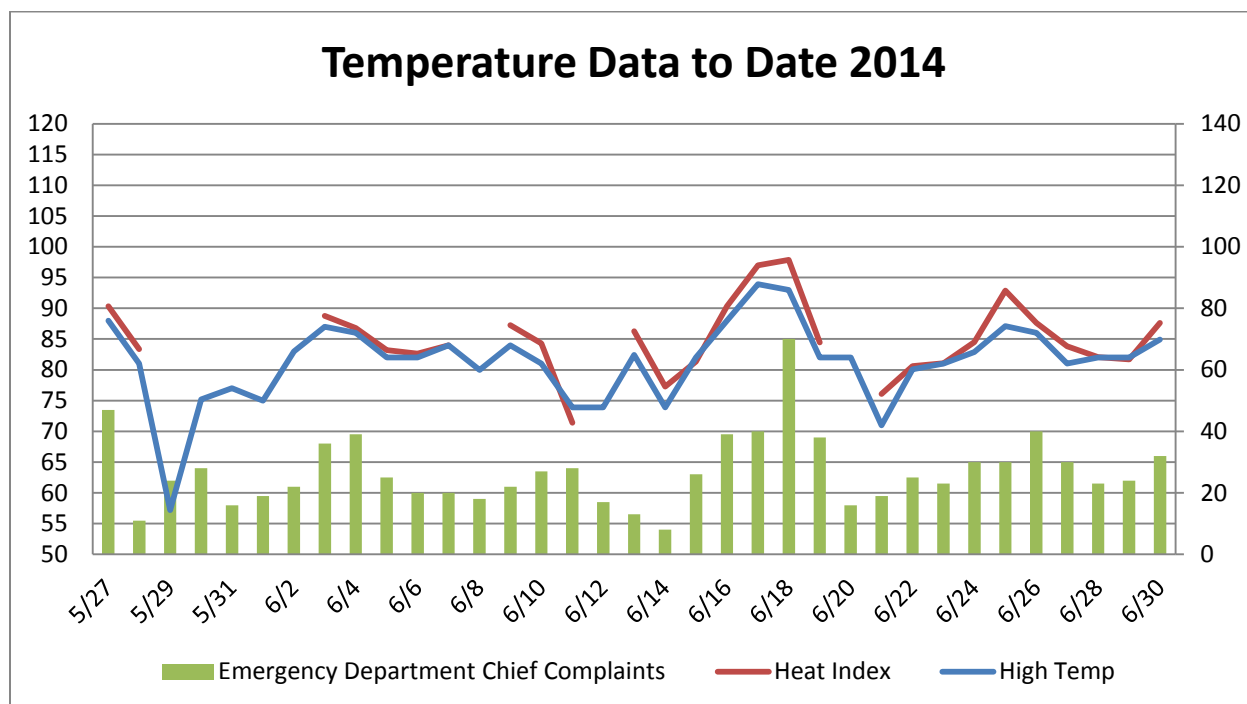
Geographical and Age Group Distribution of Emergency Department Chief Complaints Regarding Heat-related Illnesses for June 24 through June 30, 2014



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: Zachary Faigen, MSPH, REHS
Biosurveillance Epidemiologist
Office of Preparedness and Response
Maryland Department of Health & Mental Hygiene
300 W. Preston Street, Suite 202
Baltimore, MD 21201
Office: 410-767-6745
Email: Zachary.Faigen@maryland.gov

Joseph Anelli, MS
Special Project Coordinator
Office of Preparedness and Response
Maryland Department of Health and Mental Hygiene
300 W. Preston Street, Suite 202
Baltimore, MD 21201
Office: 410-767-6201
Email: Joseph.Anelli@maryland.gov