



STATE OF MARYLAND

DHMH

Department of Health and Mental Hygiene
201 W. Preston Street • Baltimore, Maryland 21201

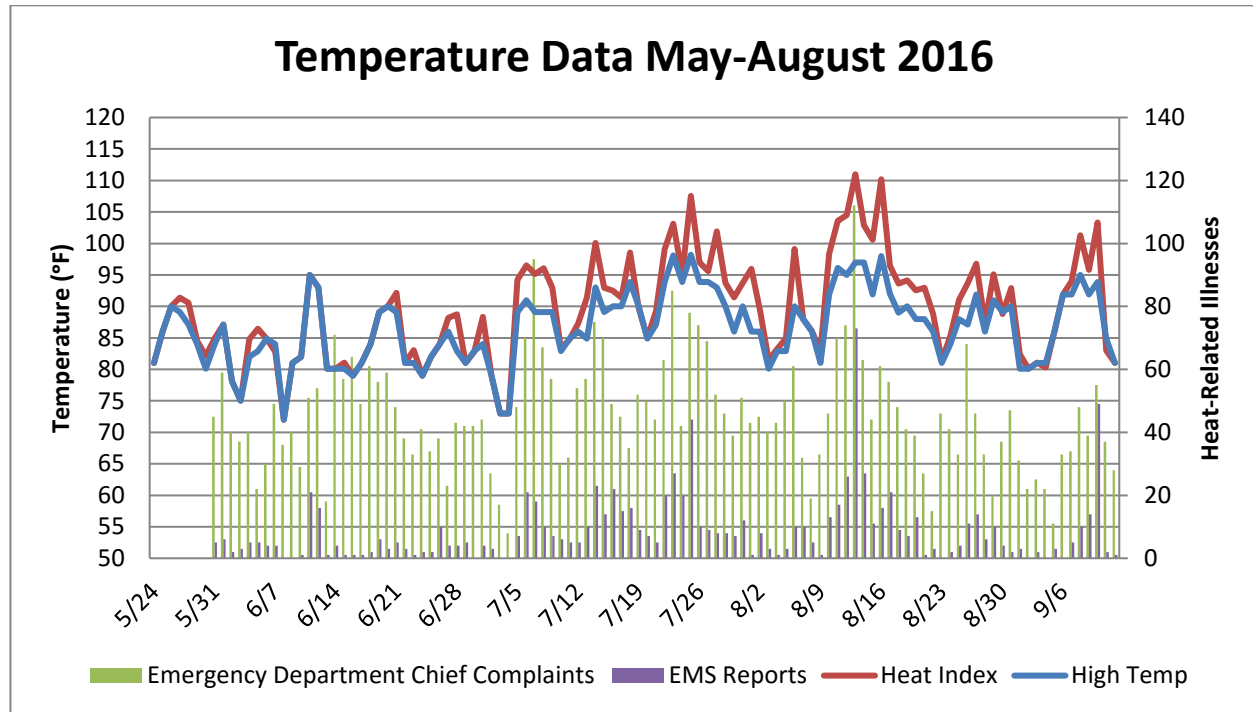
Larry Hogan, Governor – Boyd K. Rutherford, Lt. Governor – Van T. Mitchell, Secretary

2016 Heat-related Illness Surveillance Report

November 23, 2016

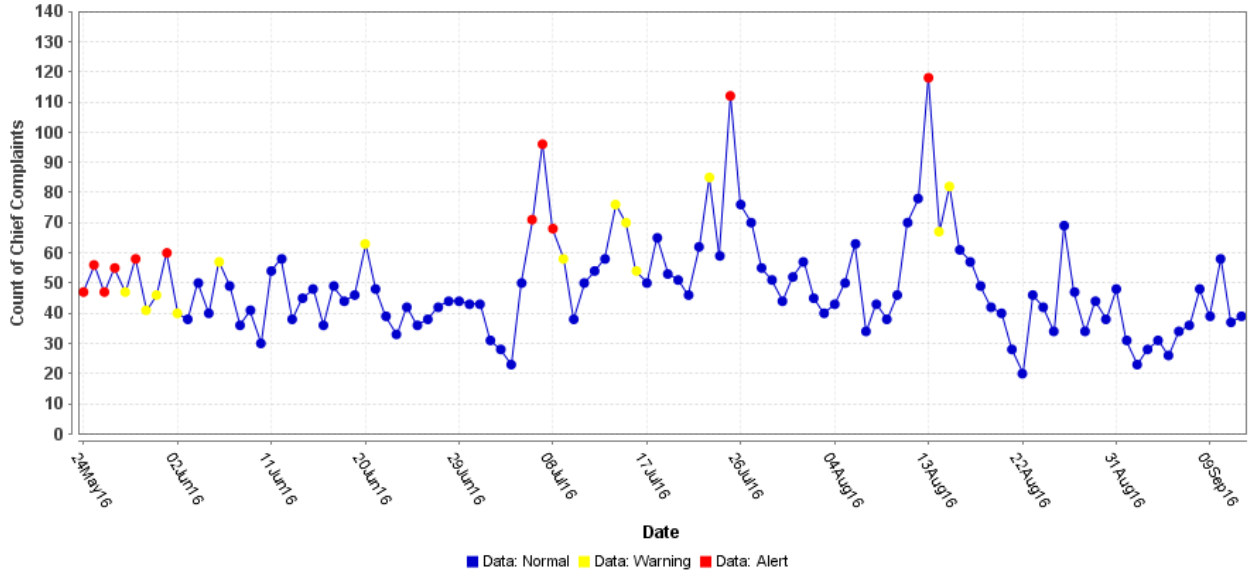
Reporting for 05/24/16 through 09/12/16

Total Heat Advisory Days: 12 (7/14, 7/22-7/26, 8/11-8/16)



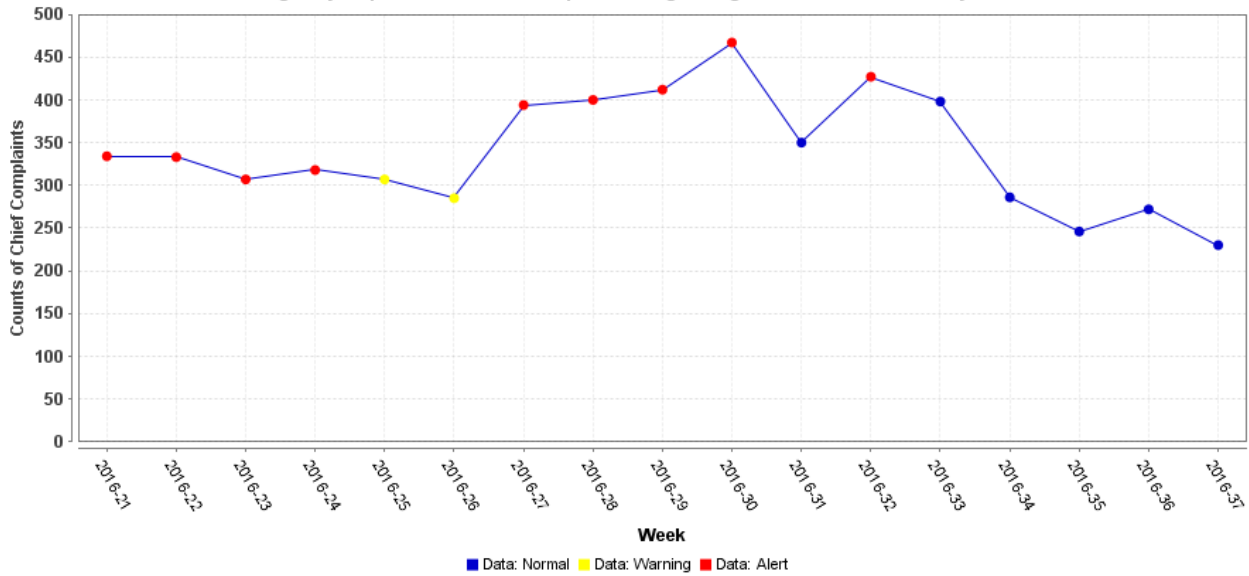
Note: A Heat Index can only be calculated with a temperature above 80°F and humidity over 43%.

Emergency Department Chief Complaints Regarding Heat-related Illness by Day



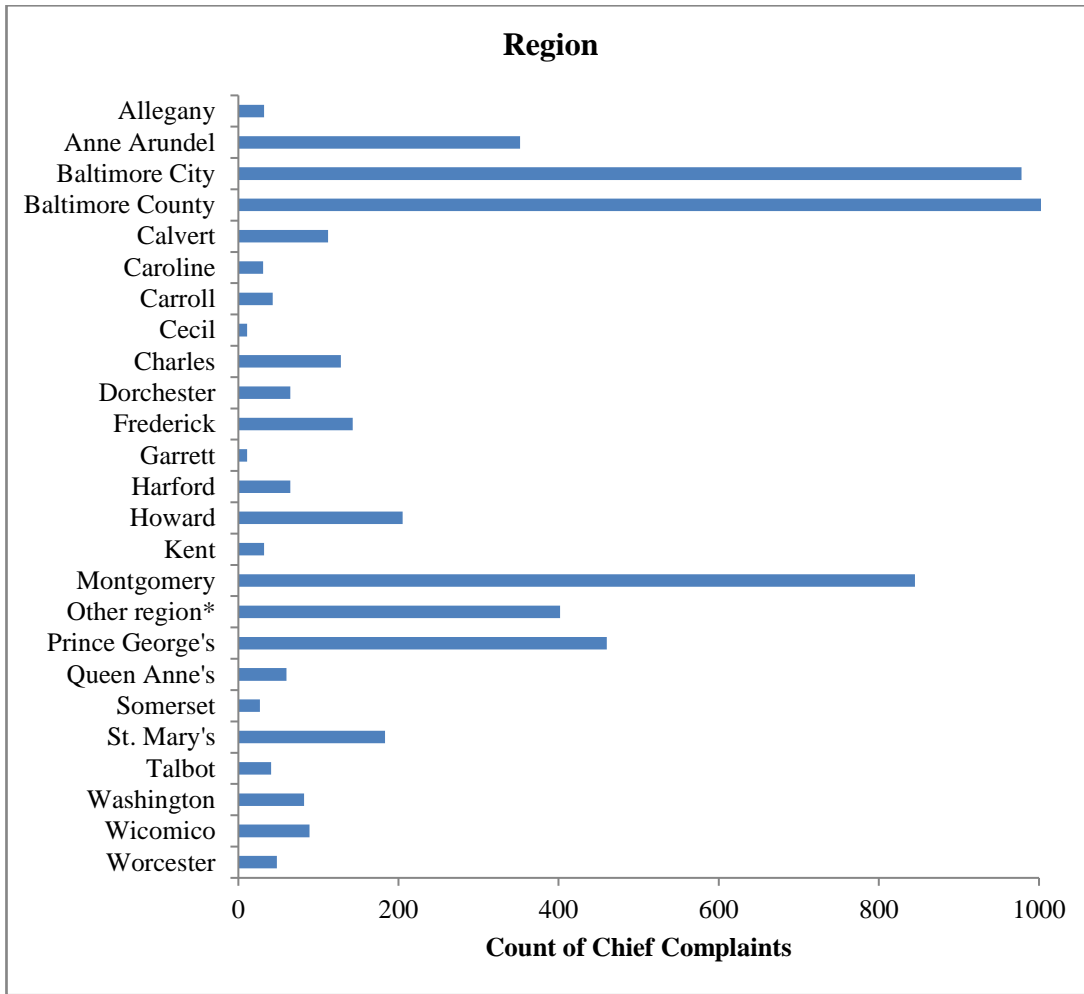
Note: ESSENCE chief complaint query contains the following terms: hyperthermia, heat, dehydration and sunburn

Emergency Department Chief Complaints Regarding Heat-related Illness by Week

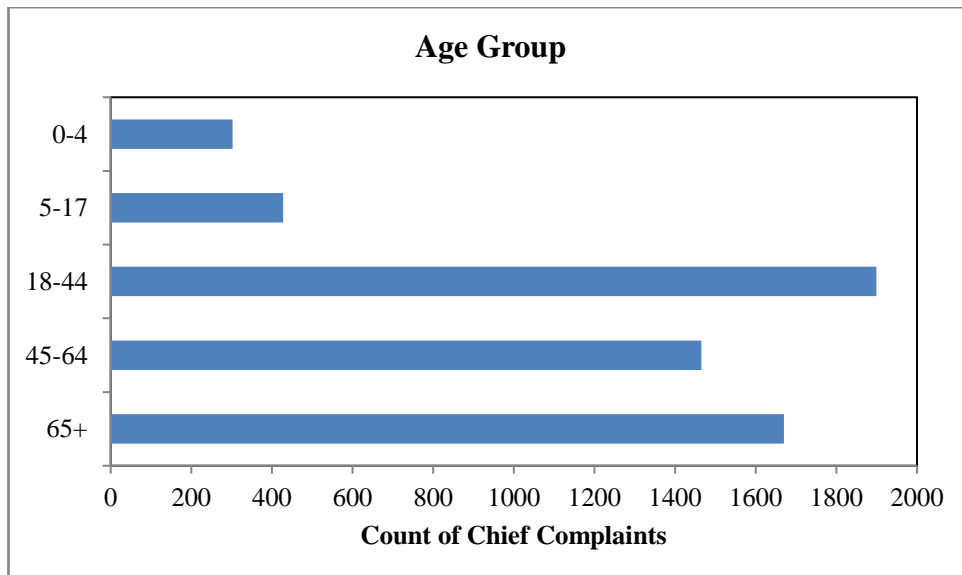


Note: ESSENCE chief complaint query contains the following terms: hyperthermia, heat, dehydration and sunburn

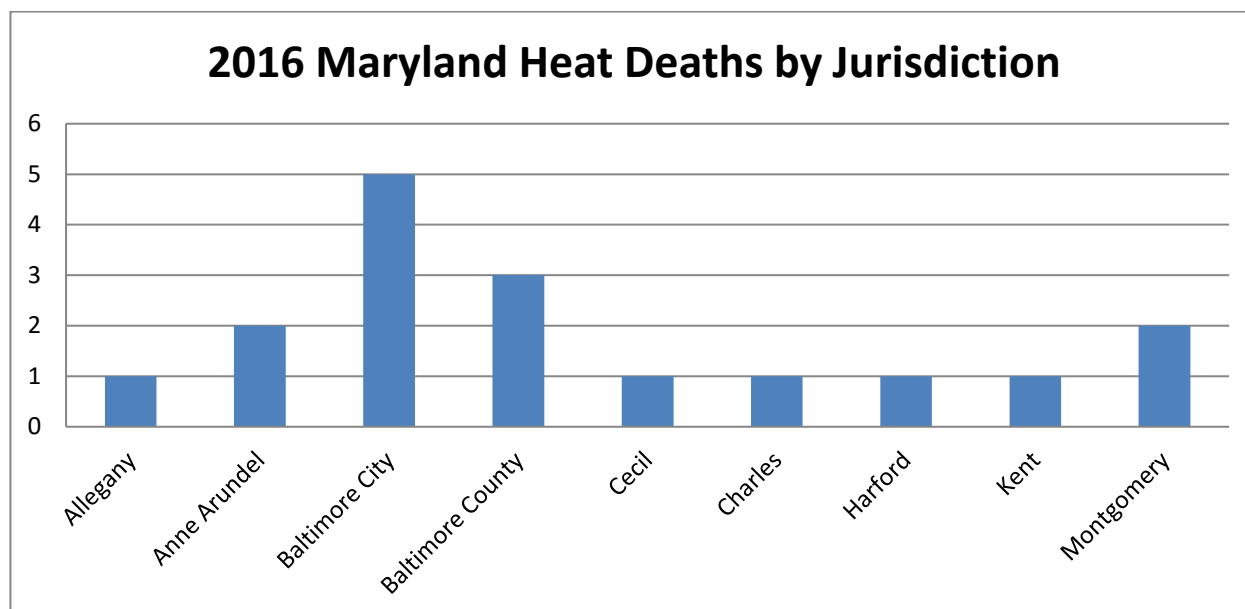
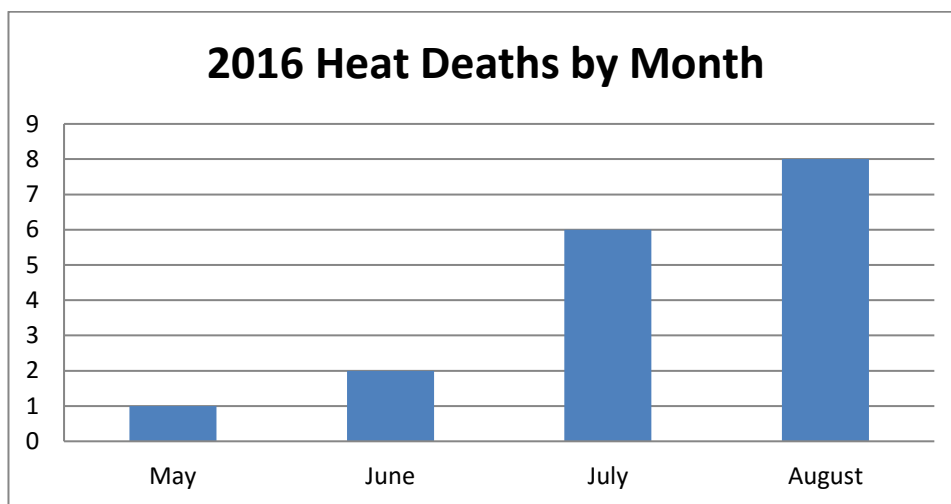
Geographical and Age Group Distribution of Emergency Department Chief Complaints Regarding Heat-related Illness for May 24 – September 12, 2016



*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.

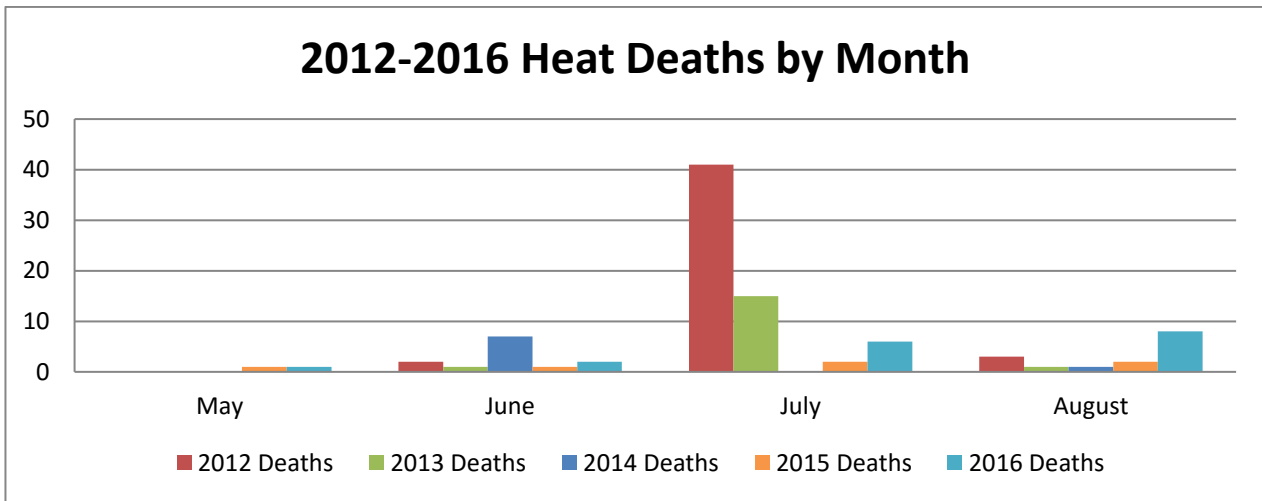


There were a total of 17 heat-related deaths in Maryland during the 2016 heat monitoring period.

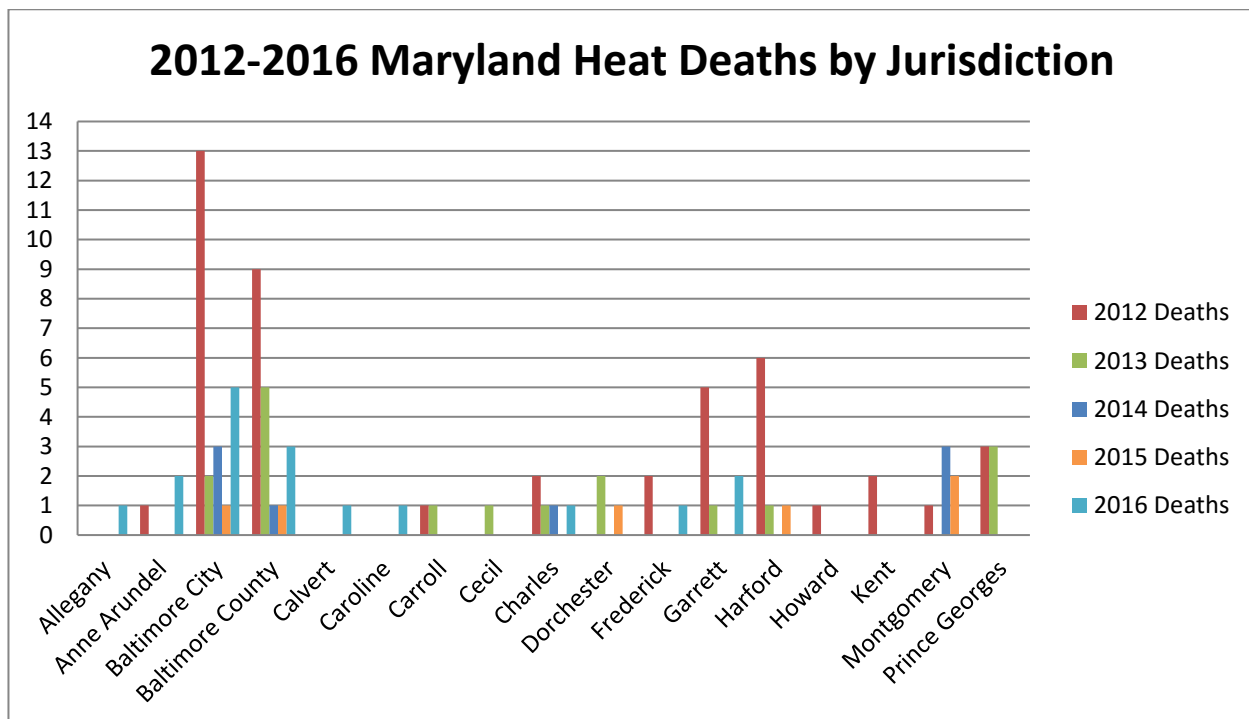


Trends in Heat-related deaths (2012-2016)

There were 46 heat-related deaths in Maryland during the 2012 heat monitoring and reporting period and 17 deaths during the 2013 heat monitoring and reporting period. During 2014, there were 8 deaths. In 2015, there were 6. There were a total of 17 heat-related deaths in Maryland during the 2016 heat monitoring period.



Note: The majority of deaths in 2012 occurred during the Derecho event in early July.



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.

Prepared by:

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

Joseph Anelli, MS
Special Projects Coordinator
Office: 410-767-6201
Email: Joseph.Anelli@maryland.gov

Anikah H. Salim, MPH, CPH
Biosurveillance Epidemiologist
Office: 410-767-2074
Email: Anikah.Salim@maryland.gov

Sara Barra, MS
Chief Planner
Office: 410-767-8438
Email: Sara.Barra@maryland.gov

Jessica Goodell, MPH
Temporary Epidemiology Field Assignee
Office: 410-767-6745
Email: Jessica.goodell@maryland.gov