



STATE OF MARYLAND

DHMH

Maryland Department of Health and Mental Hygiene
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 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

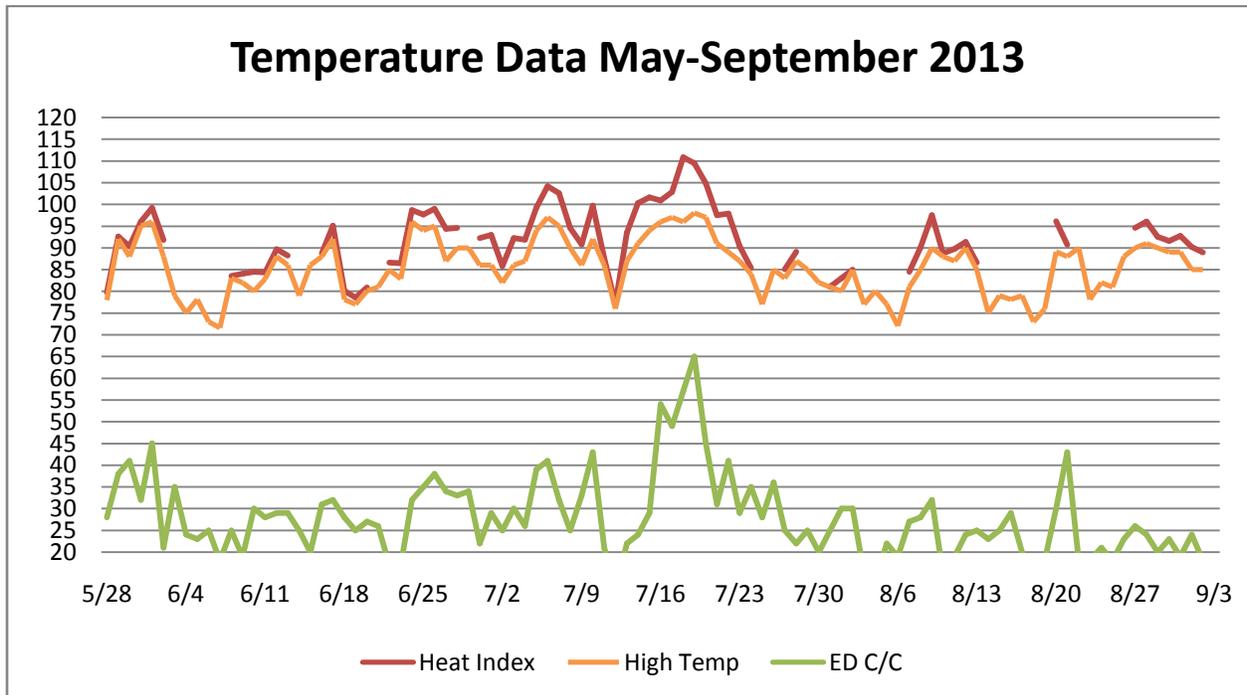
Isaac P. Ajit, M.D., M.P.H., Deputy Director

2013 Heat-related Illness Surveillance Report

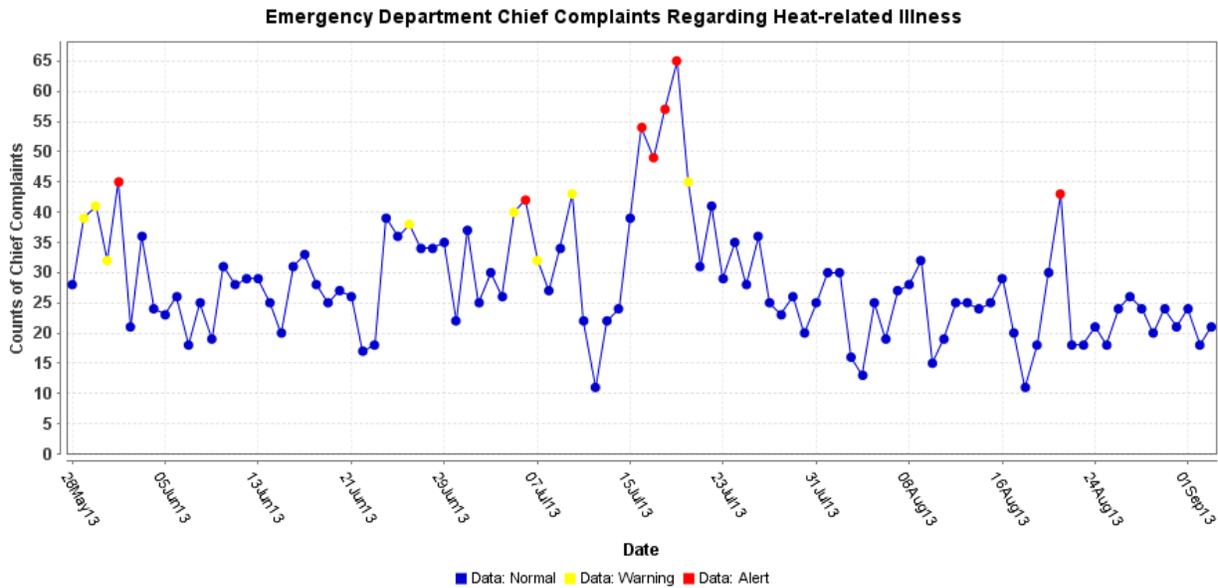
September 17, 2013 - Updated October 1, 2013

Reporting for 05/28/13 through 09/02/13

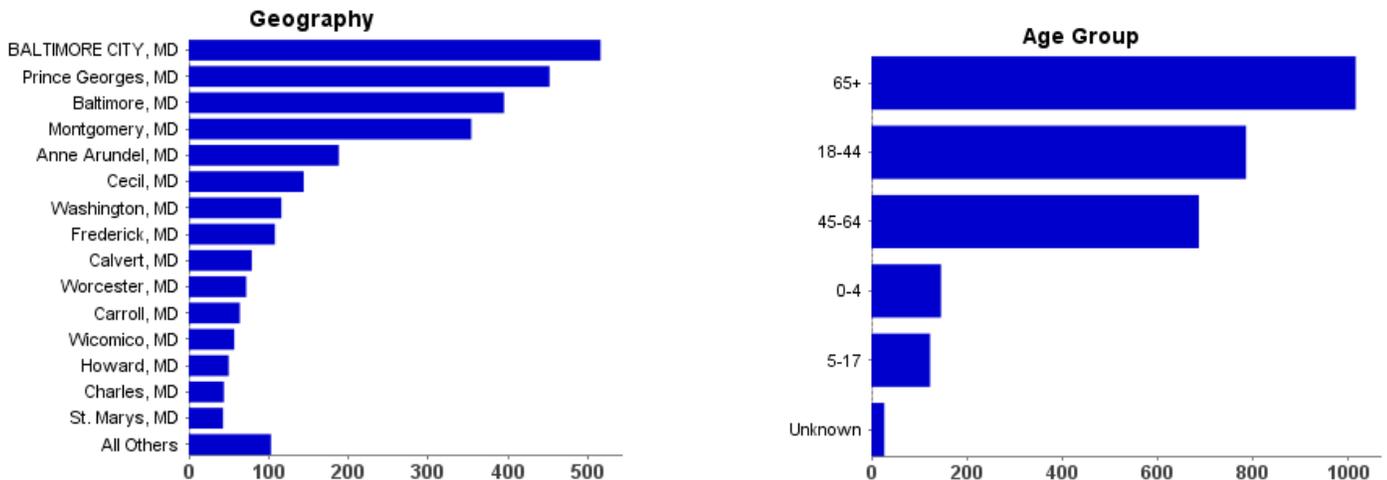
Total Heat Advisory Days: 4 (July = 4 [July 16, 17, 18 and 19])
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Note: Heat indexes can only be calculated with a temperature above 80°F and humidity over 43%.

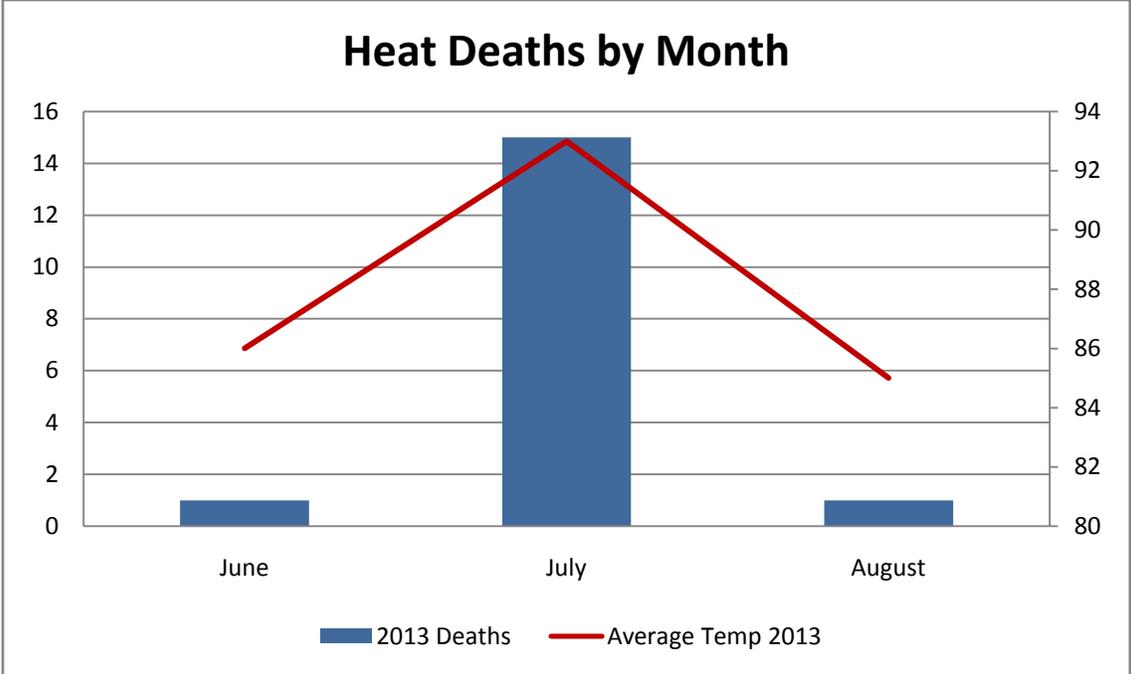


Geographical and Age Group Distribution of Emergency Department Chief Complaints Regarding Heat-related Illness for May 28 – September 3, 2013

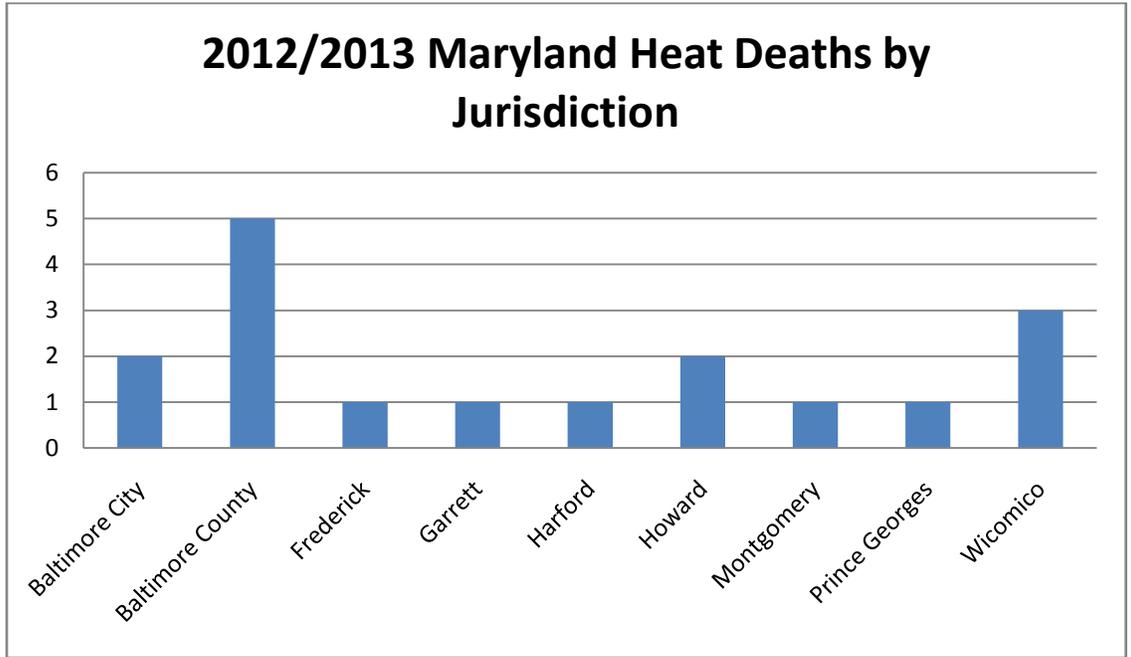


There were a total of 17* heat-related deaths in Maryland during the 2013 heat monitoring period.

***Three deaths were reported after the final weekly report and are included on this report. All three occurred in July, but final cause of death was not determined until after the end of the reporting period.**

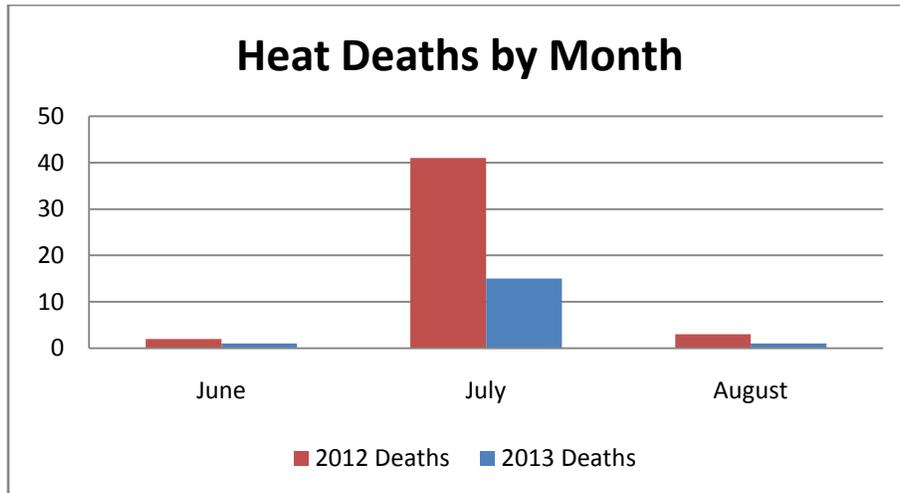


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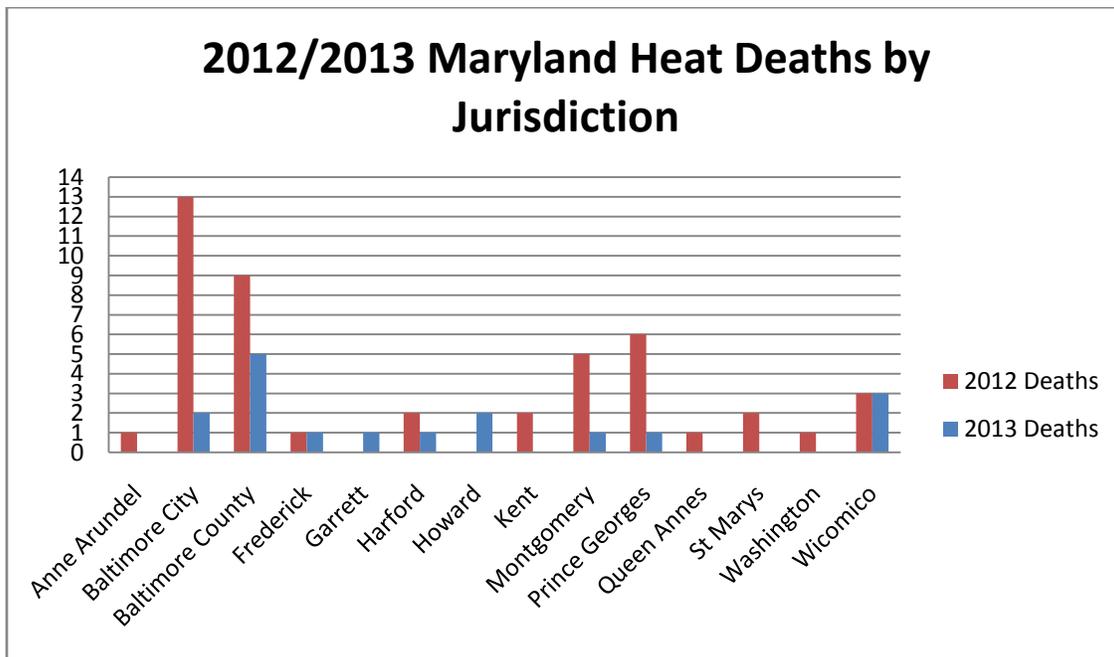


Comparison to 2012

There were a total of 46 heat-related deaths in Maryland during the 2012 heat monitoring and reporting period.



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



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 results from the query used in ESSENCE 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.

For media inquiries, please contact the Office of Communications: 410-767-6490.

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