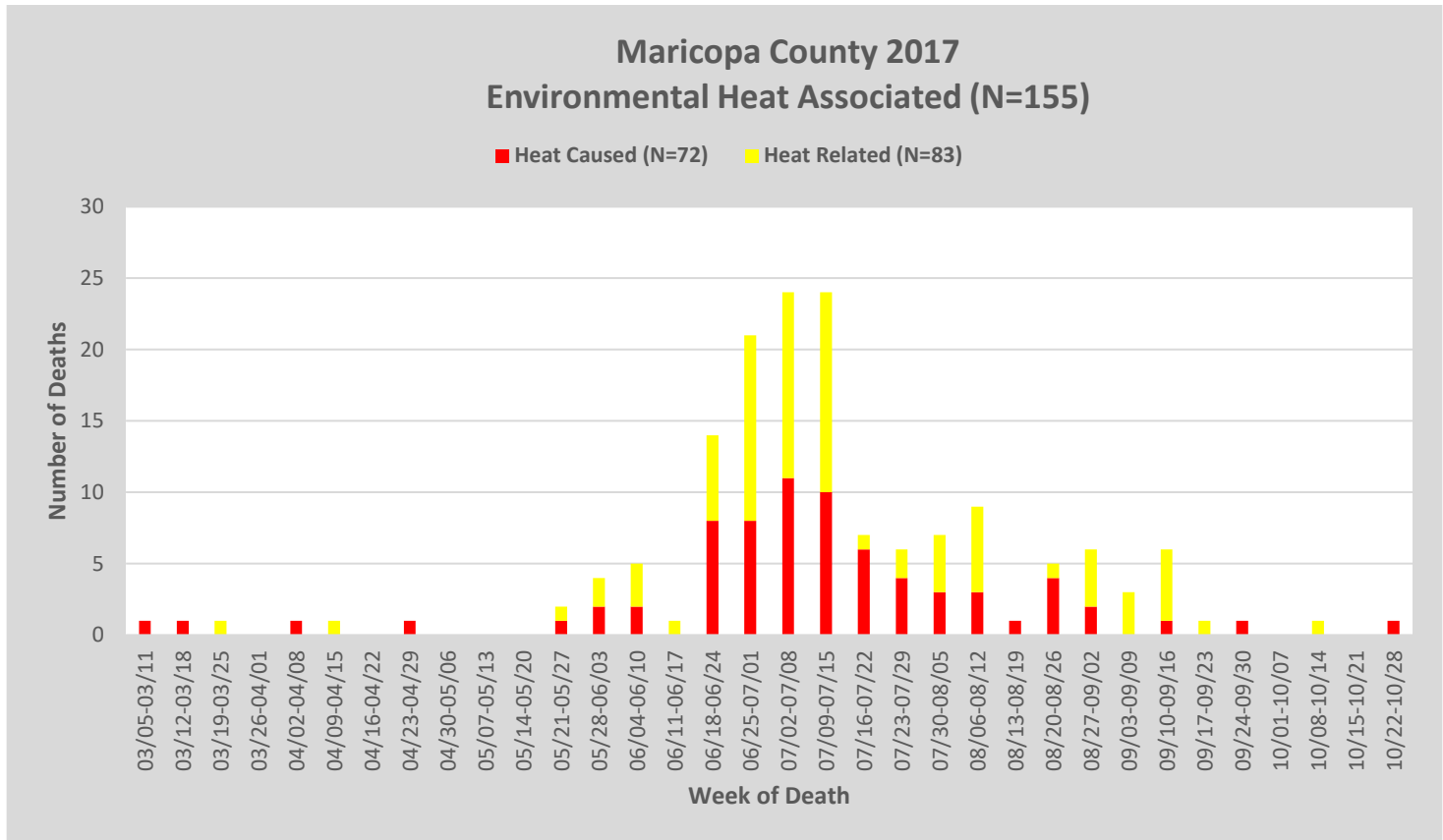


## HEAT ASSOCIATED DEATHS 2017 SHORT REPORT



Maricopa County Department of Public Health (MCDPH) conducts weekly heat associated mortality surveillance. The enhanced heat surveillance season usually begins in May and ends in October. This heat season (2017), there have been a total of **155 confirmed heat associated deaths**. Cooling and hydration stations in Maricopa County are open to the public throughout the heat season. For more information on Heat, please visit <http://www.HeatAZ.org>.



\* 24 pending deaths

Year Total	Place of Injury			Air Conditioning Status (Indoor Deaths Only)				Age Group						
	Indoor	Outdoor	Unk	Off	On	Non Functional	Unk	75 +	65 - 74	50 - 64	35-49	20-34	5-19	0-4
155	63	92	0	25	3	21	14	35	23	48	29	16	1	2

\* An air conditioning status of ON, indicates blowing hot air.

\*\*One death has an unknown age.

	2017 Cases			2016 Cases		
	Confirmed	Under Investigation	First Confirmed	Confirmed	Under Investigation	First Confirmed
Season Cumulative Total	155	24	4/10/2017	151	3	6/13/2016

\*Counts are preliminary and may increase as additional data are received.

**Heat Caused (HC):** Cases that mention heat or heat exposure in Part I of the death certificate causes of death (diseases or conditions in the direct sequence causing death), for variables cod\_a, cod\_b, cod\_c, or cod\_d. County of death: Maricopa.

**Heat Related (HR):** Cases that mention heat exposure in Part II of the death certificate causes of death (diseases and conditions contributing but not directly resulting in the death sequence), but not in any of the Part I variables (cod\_a, cod\_b, cod\_c, or cod\_d). County of death: Maricopa.

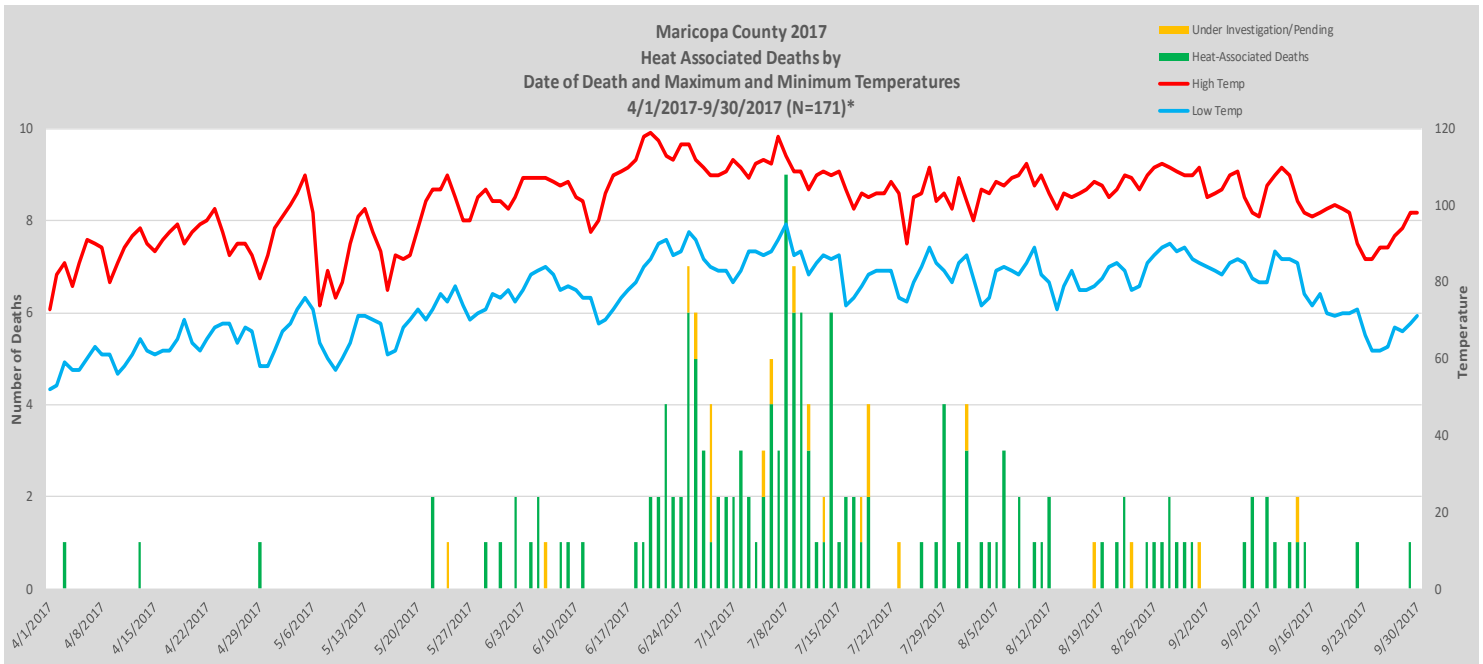
**Under Investigation (UI):** Cases the Maricopa County Office of Medical Examiner suspects are heat associated deaths.

Data Sources: Maricopa County, Office of Vital Registration and Office of Medical Examiner; Arizona Department of Health Services, Office of Vital Registration

# HEAT ASSOCIATED DEATHS 2017 SHORT REPORT

Table 1: Confirmed Heat Deaths by Month with Temperature Data, Maricopa County (N=155)

Month	Average Temperatures		Number of Days 110 or Above	Number of Days 100 or Above	Days of Excessive Heat Warning	Number of Deaths
	MAX	MIN				
March	84	57	0	0	0	3
April	89	62	0	0	0	3
May	95	70	0	12	0	4
June	108	81	11	26	13	41
July	106	84	8	28	3	64
August	105	83	4	29	3	27
September	99	76	2	12	0	11
October	94	67	0	0	0	2



\*Three confirmed heat deaths in March 2017 and two deaths in October 2017 not included in the graph.