



HEAT-ASSOCIATED DEATHS & EMERGENCY DEPARTMENT VISITS 2023 MONTHLY REPORT [SEPTEMBER 2023]

In an effort to keep Clark County, Nevada residents and visitors aware of heat associated illness and mortality, the Southern Nevada Health District (SNHD) has initiated monthly extreme heat updates. The Centers for Disease Control and Prevention (CDC) defines extreme heat as reaching higher than average temperatures or humidity levels for a particular location and time of year. Heat-related illness occurs when a person’s body temperature rises faster than it can cool down, which may lead to heat exhaustion or heat stroke, ultimately damaging the brain or other vital organs. Older adults, the very young, and those with mental illness or chronic disease have the highest risk of heat-related illness. However, anyone can be affected if participating in strenuous physical exercise in hotter weather. Heat related deaths and illnesses are preventable; please visit www.snhd.info/heat. Clark County has cooling and hydration stations open to the public throughout the heat season. For more information regarding community resources, please visit www.clarkcountynv.gov. The surveillance began in April and will end in October. This heat season (2023), there has been a total of **108 heat-associated deaths**.

Figure 1. Heat-associated deaths in Clark County by week, as of 09/11/2023

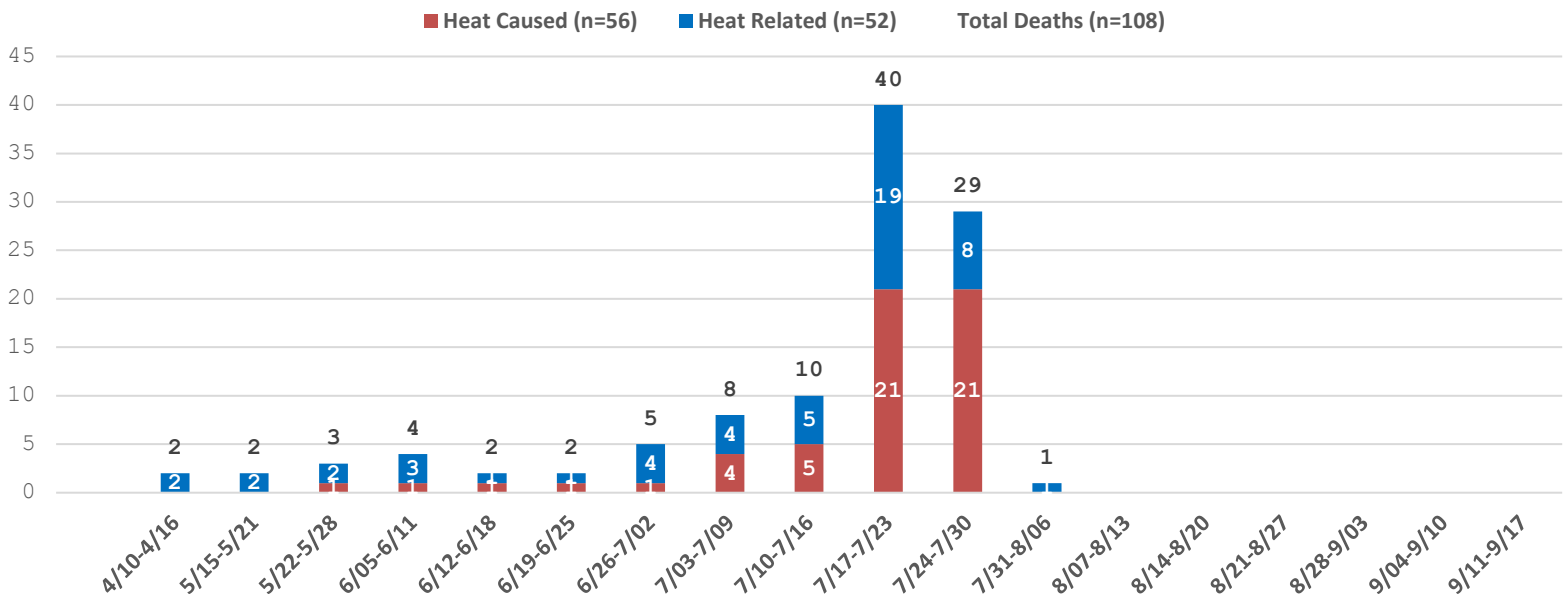


Table 1. Cumulative Totals of heat-associated deaths in Clark County

2023 YTD Total		2022	
Confirmed	First Death	Confirmed	First Death
108	4/11/2023	151	2/5/2022

Figure 2. Heat-associated deaths in Clark County by year, totals 2019 – 2023

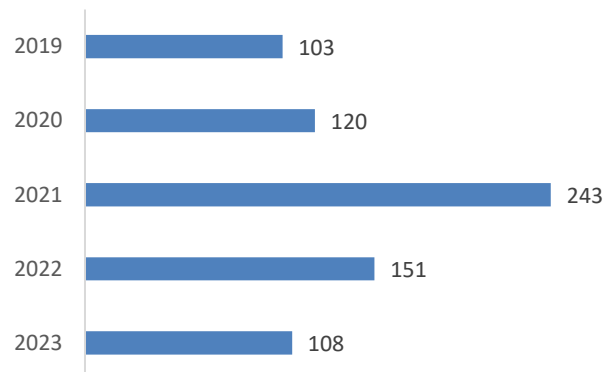


Figure 3. Percentage of heat-associated deaths in Clark County, by gender

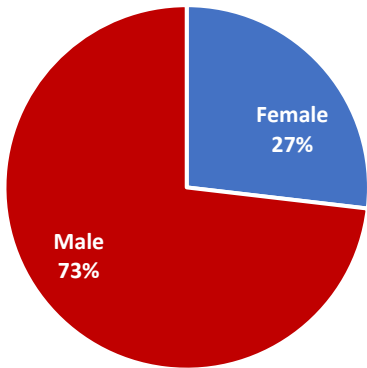


Figure 4. Total of heat-associated deaths in Clark County, by age group

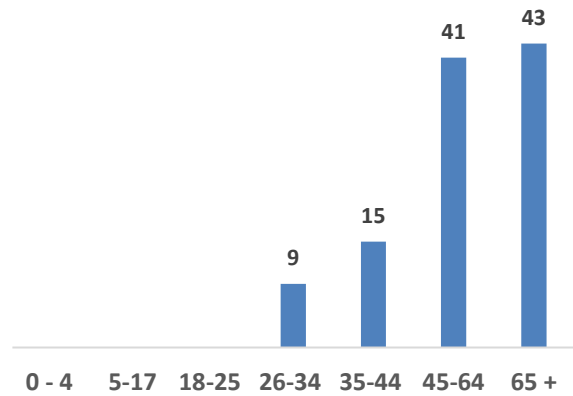
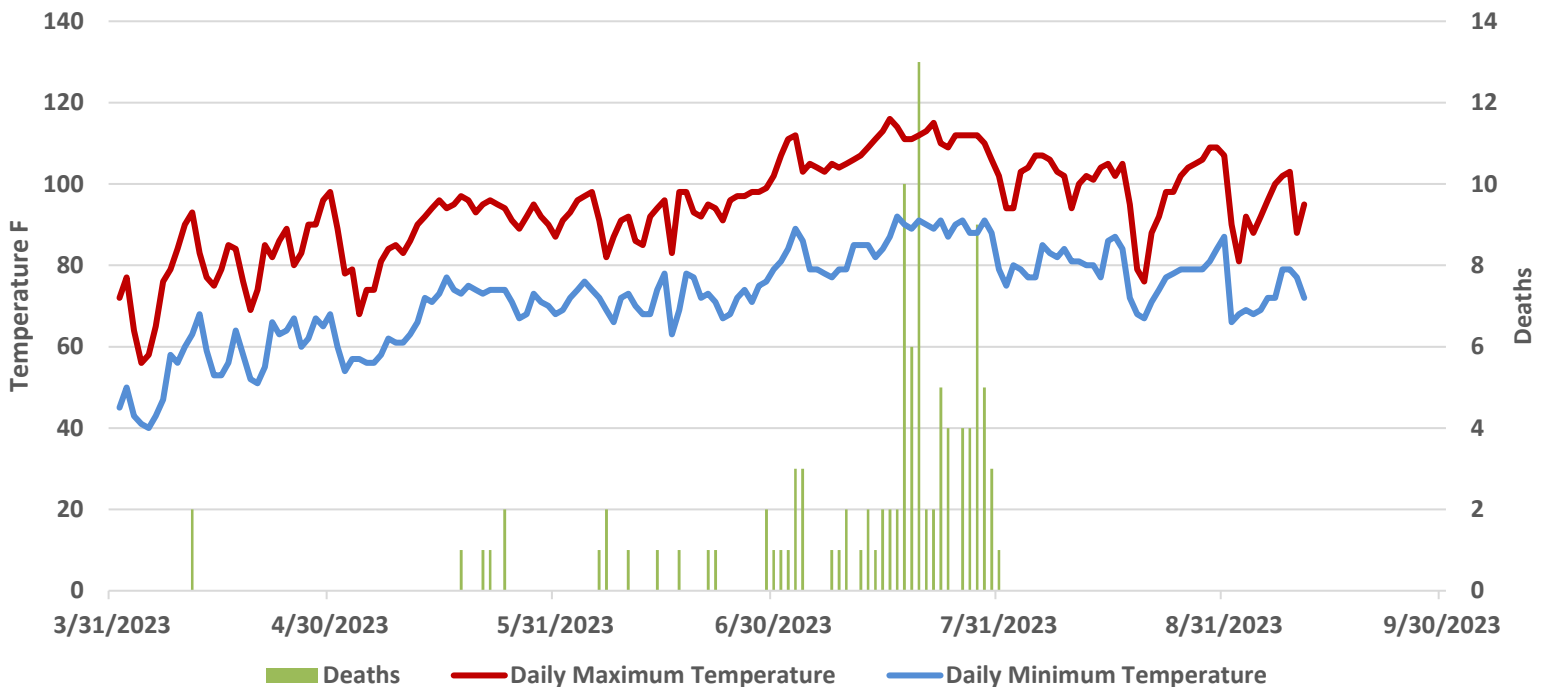


Table 2. Total of heat-associated deaths in Clark County, by race

Race/Ethnicity		Count	% of Deaths
Non-Hispanic	White	61	56.5%
	Black	21	19.4%
	Asian/Pacific Islander	8	7.4%
	American Indian/Alaskan Native	0	0%
	Multi-racial	1	0.9%
	Other	2	1.9%
Hispanic		15	13.9%
Unknown		0	0%

*Race and Hispanic origin are reported separately on death certificates. People of Hispanic origin may be of any race. For this table, non-Hispanic individuals are classified by race.

Figure 5. Clark County heat-associated deaths by month



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Figure 7. Daily count of emergency department visits due to heat-related illness, Clark County

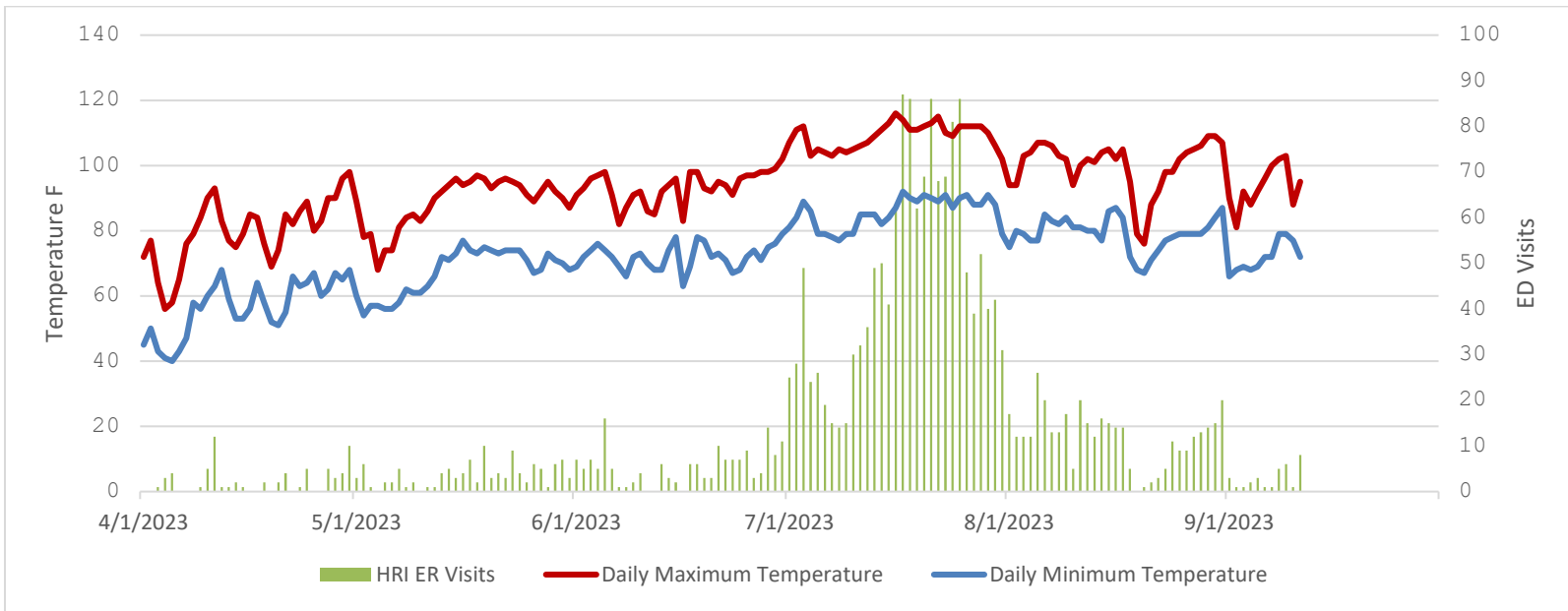


Figure 8. Heat-related illness ED visits in Clark County, by gender

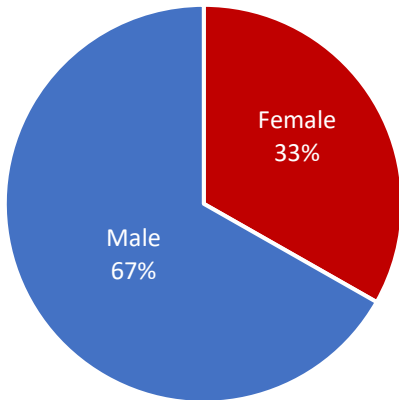
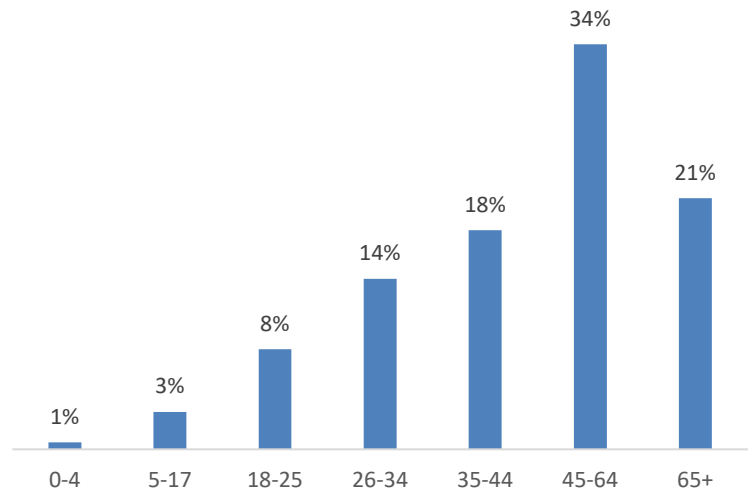


Figure 9. Heat-related illness ED visits in Clark County, by age group



Data Source: The Electronic Surveillance System for the Early Notification of Community-Based Epidemics (ESSENCE). Heat-related illness data was identified by querying CC and DD Category “Heat Related Illness v1”. Data is preliminary and subject to change throughout the season.