

Denton County Public Health Heat-Related Illness Surveillance Report



MMWR Week 38 (September 15– 21, 2019)

Table 1. Denton County Heat-Related Illnesses and Deaths by Type

| MMWR Week | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | Total | |
|---|----------|----------|----------|----------|----------|-----------|----------|-----------|-----------|----------|----------|----------|-----------|-----------|----------|----------|-----------|----------|----------|------------|----|
| Week Ending | 5/18 | 5/25 | 6/1 | 6/8 | 6/15 | 6/22 | 6/29 | 7/6 | 7/13 | 7/20 | 7/27 | 8/3 | 8/10 | 8/17 | 8/24 | 8/31 | 9/7 | 9/14 | 9/21 | YTD | |
| Heat-Related Death* | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Heat Stroke | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 7 |
| Heat Exhaustion | 0 | 1 | 1 | 3 | 0 | 2 | 4 | 2 | 1 | 2 | 1 | 2 | 4 | 7 | 3 | 1 | 3 | 1 | 1 | 1 | 39 |
| Heat Cramps | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Sunburn | 1 | 0 | 3 | 1 | 1 | 2 | 2 | 4 | 4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 22 |
| Other Heat-Related Illness [†] | 0 | 2 | 0 | 3 | 2 | 7 | 3 | 2 | 3 | 2 | 3 | 5 | 8 | 8 | 3 | 5 | 5 | 2 | 2 | 2 | 65 |
| Total HRI | 1 | 3 | 4 | 8 | 3 | 12 | 9 | 10 | 10 | 4 | 7 | 8 | 12 | 15 | 6 | 7 | 11 | 3 | 3 | 136 | |

Figure 1. Daily Temperatures and Heat-Related Illnesses in Denton County, May 12- September 21, 2019

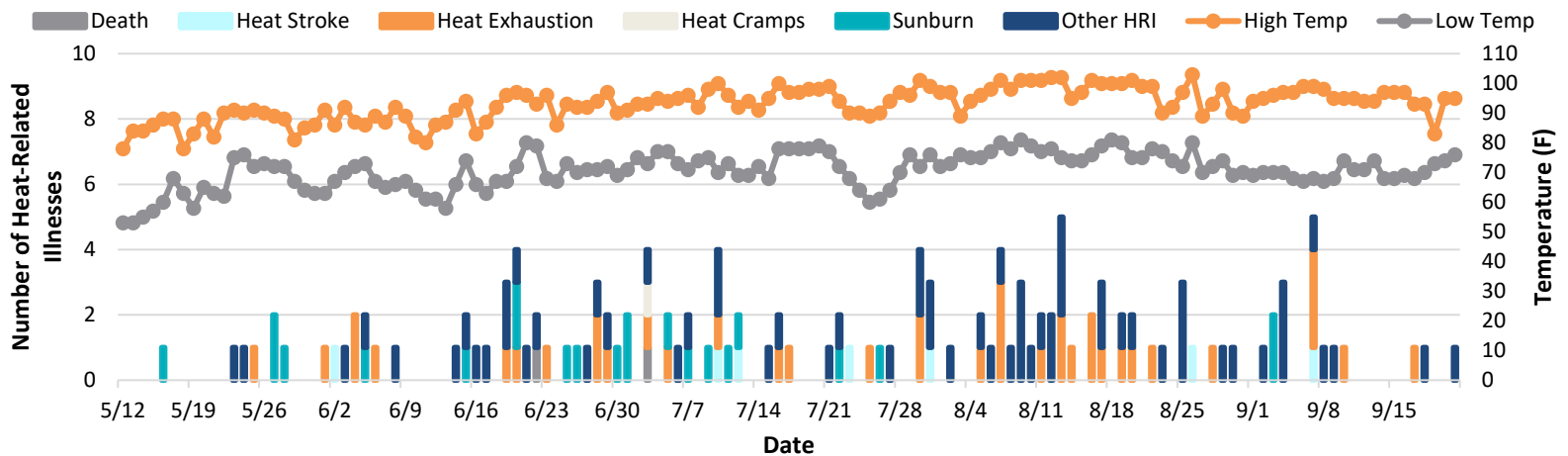
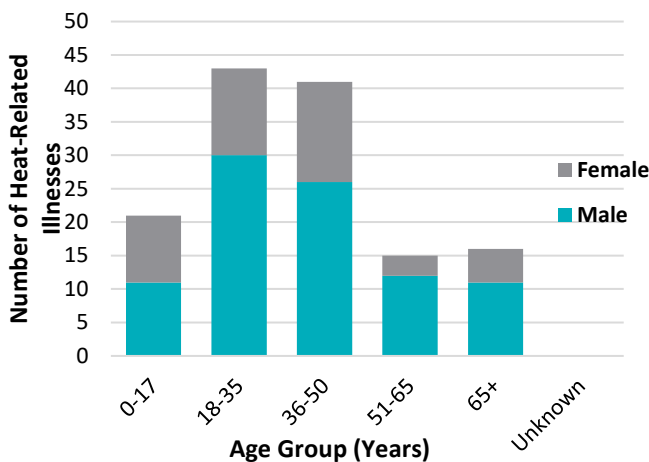


Figure 2. Heat-Related Illnesses in Denton County by Gender and Age Group



Data used in this report is obtained from hospitals participating in ESSENCE Surveillance from May 12, 2019 through the present.
 *Data Source: Denton County Medical Examiner's Office
 †Includes heat-related overexposure, rash, stress, and malaise
 ‡Temperature Data Source: National Weather Service

High temperatures forecasted for this week are in the low-90s with lows predicted to be in the low-70s[‡].