

Denton County Public Health Heat-Related Illness Surveillance Report



MMWR Week 38 (September 18– September 24, 2022)

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 YTD | |
|-----------------------------|----------|----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|------------|----|
| Week Ending | 5/21 | 5/28 | 6/4 | 6/11 | 6/18 | 6/25 | 7/2 | 7/9 | 7/16 | 7/23 | 7/30 | 8/6 | 8/13 | 8/20 | 8/27 | 9/3 | 9/10 | 9/17 | 9/24 | | |
| Heat-Related Death* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Heat Stroke | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 0 | 2 | 2 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 14 |
| Heat Exhaustion | 0 | 1 | 1 | 5 | 4 | 3 | 0 | 11 | 9 | 5 | 5 | 2 | 3 | 2 | 1 | 2 | 1 | 1 | 1 | 3 | 59 |
| Heat Cramps | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Sunburn | 0 | 1 | 4 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| Other Heat-Related Illness† | 1 | 0 | 2 | 5 | 7 | 11 | 6 | 9 | 8 | 9 | 3 | 6 | 3 | 4 | 3 | 4 | 1 | 2 | 4 | 88 | |
| Total HRI | 1 | 2 | 8 | 10 | 15 | 19 | 8 | 20 | 19 | 18 | 11 | 10 | 8 | 8 | 4 | 6 | 2 | 3 | 8 | 180 | |

Figure 1. Daily Temperatures and Heat-Related Illnesses in Denton County, May 15, 2022- Present‡

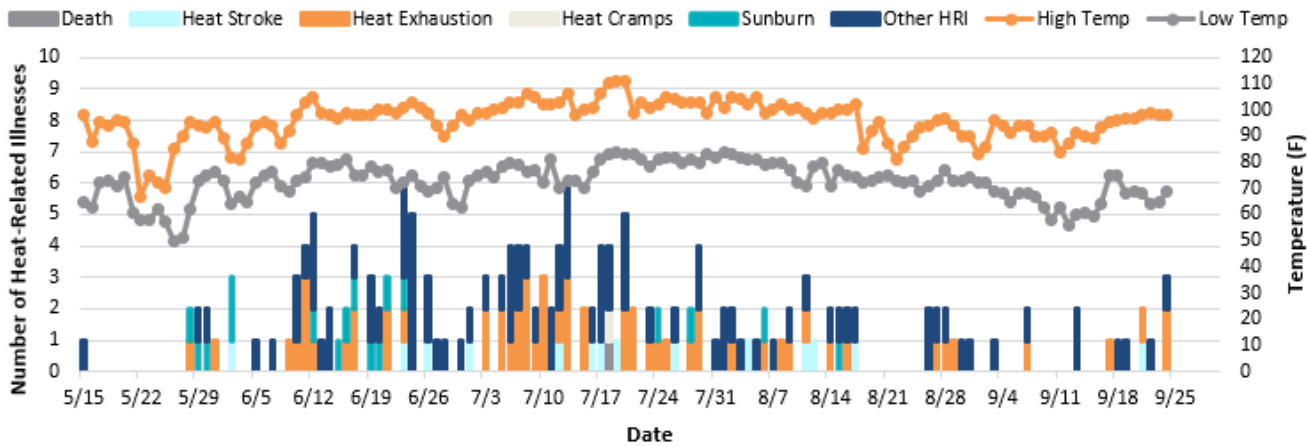
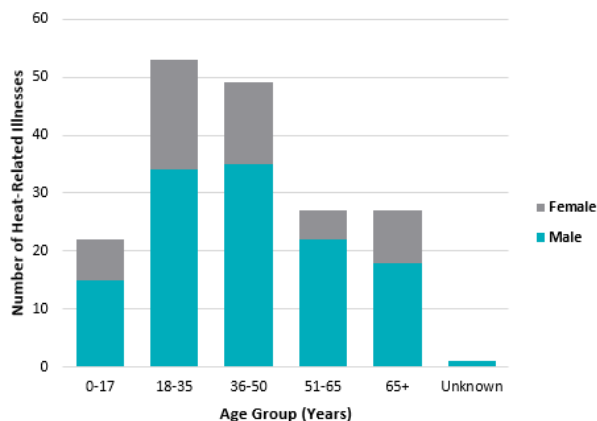


Figure 2. Heat-Related Illnesses in Denton County by Gender and Age Group



High temperatures forecasted for the next week are in the 80s, with lows predicted to be in the upper 50s to low 60s‡.

Data used in this report is obtained from hospitals participating in ESSENCE Surveillance from May 15, 2022 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

For any questions, please call Denton County Public Health at (940) 349- 2909