

# Tarrant County Public Health Heat-Related Illnesses and Deaths



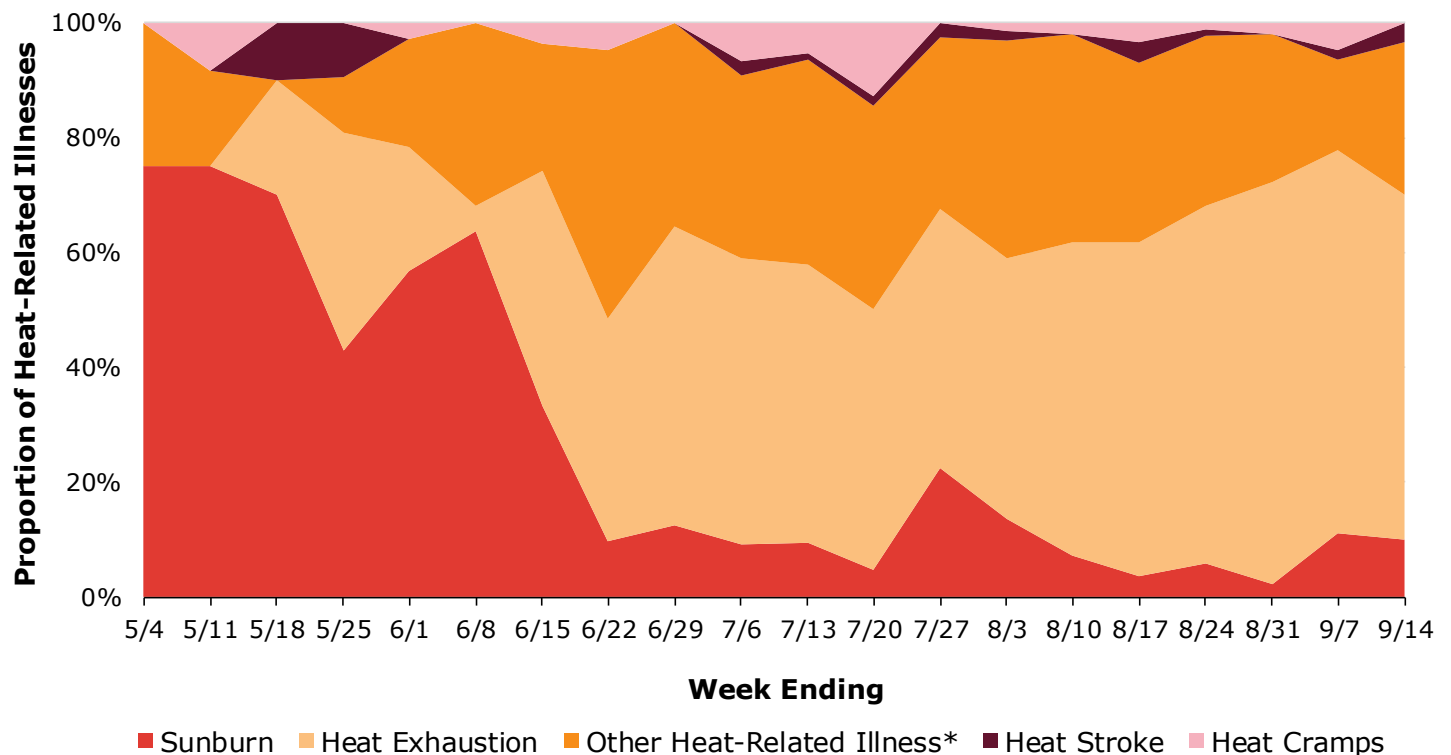
MMWR Week 37 (September 8-14, 2019)

- **Heat Exhaustion** was the most commonly observed heat-related illness (HRI) category during the week of September 8-14, with 18 (60%) of 30 HRI cases
- The most commonly observed HRI category for the 2019 season was **Heat Exhaustion** with 472 (49%) of 963 HRI cases
- **Males** account for 68% of HRIs in the 2019 season; individuals **25-44 years of age** account for the highest percentage (38%) of HRI cases
- As of September 14, there has been **one confirmed heat-related death<sup>†</sup>** reported in the 2019 season
- **No heat advisory days<sup>^</sup>** were reported this week; **21** have been reported this season

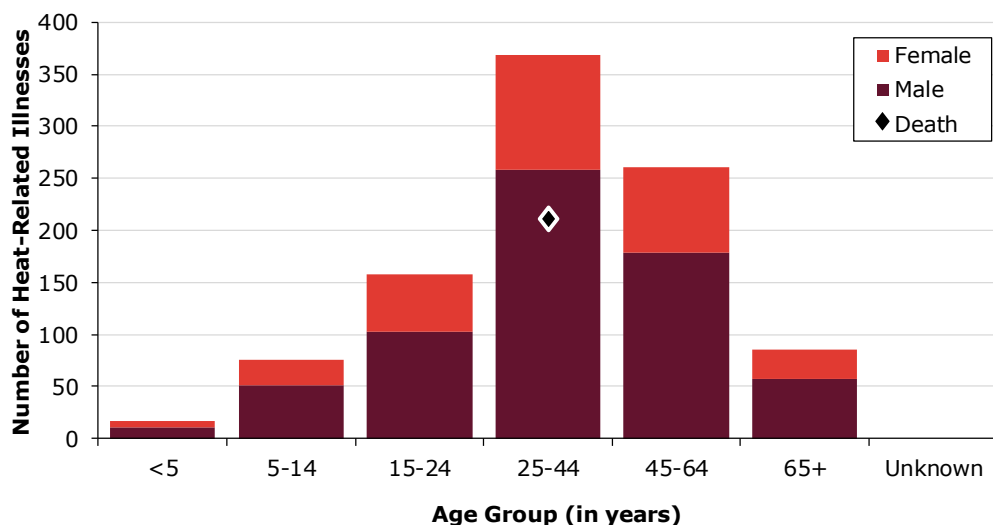
Table 1. Heat-related illnesses and deaths, Tarrant County, April 28 – September 14, 2019

MMWR Week Week Ending	30 7/27	31 8/3	32 8/10	33 8/17	34 8/24	35 8/31	36 9/7	37 9/14	YTD Total
Heat Cramps	0	1	2	3	1	1	3	0	33
Heat Exhaustion	18	30	53	50	53	33	42	18	472
Heat Stroke	1	1	0	3	1	0	1	1	14
Sunburn	9	9	7	3	5	1	7	3	147
Other Heat-Related Illness*	12	25	35	27	25	12	10	8	296
Heat-Related Death <sup>†</sup>	0	0	0	0	0	0	0	0	1
<b>Total</b>	<b>40</b>	<b>66</b>	<b>97</b>	<b>86</b>	<b>85</b>	<b>47</b>	<b>63</b>	<b>30</b>	<b>963</b>
<b>Percent of Total ED Visits</b>	<b>0.23</b>	<b>0.38</b>	<b>0.54</b>	<b>0.47</b>	<b>0.46</b>	<b>0.24</b>	<b>0.33</b>	<b>0.16</b>	<b>0.26</b>

Figure 1. Heat-related illnesses by type, Tarrant County, April 28 – September 14, 2019

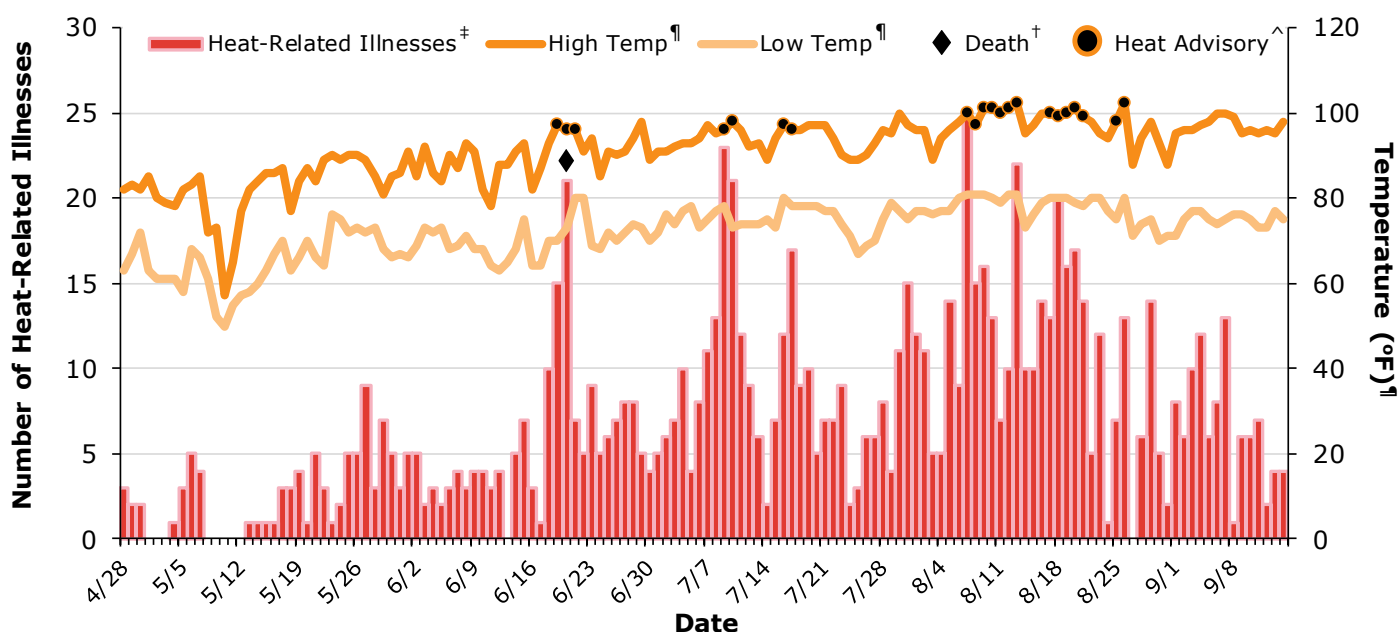


**Figure 2. Heat-related illnesses by gender and age group, Tarrant County, April 28 – September 14, 2019**



**1 confirmed heat-related death** has been reported in Tarrant County this season. The case was Male and between 25-44 years old.

**Figure 3. Daily temperatures and heat-related illnesses, Tarrant County, April 28 – September 14, 2019**



\*Other includes heat exposure, rash, sickness/illness, stress, and syncope; overheating; and other HRIs not listed in Table 1

†Data source: Tarrant County Medical Examiner's Office; data subject to change due to on-going investigations

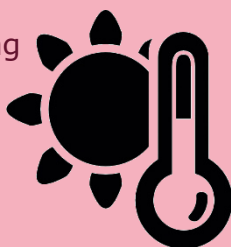
^North Texas Heat Advisory: heat index expected to meet or exceed 105°F or air temperature expected to exceed 103°F for at least two consecutive days (verified by local news outlets)

\*Data source: Syndromic Surveillance (ESSENCE 1.20) from 103 hospitals that voluntarily provide data based on chief complaints and discharge diagnosis of Tarrant County residents admitted to Emergency Departments in North Central Texas

†Data source: National Weather Services; temperatures reported at Dallas-Fort Worth International Airport

**Populations at greater risk of developing heat-related illnesses:**

- Children and infants
- Households without air conditioning
- Older adults (aged 65+)
- Outdoor workers
- People exercising and playing sports outdoors
- People with chronic health conditions
- Pets



**Learn more about heat-related illnesses and how to prevent them:**

[access.tarrantcounty.com/en/public-health/disease-control---prevention/when-it-s-hot-as-heck.html](https://access.tarrantcounty.com/en/public-health/disease-control---prevention/when-it-s-hot-as-heck.html)

[cdc.gov/disasters/extremeheat/index.html](https://cdc.gov/disasters/extremeheat/index.html)

[epa.gov/natural-disasters/extreme-heat](https://epa.gov/natural-disasters/extreme-heat)