

TABLE 3c. Annual Incidence of Frostbite, Immersion Injury, and Hypothermia Among All Cold Injuries (1 type per person per year), Active Component, U.S. Air Force, July 2019–June 2024

| | Frostbite | | Immersion Injury | | Hypothermia | | All Cold Injuries | |
|---|-----------|-------------------|------------------|-------------------|-------------|-------------------|-------------------|-------------------|
| | No. | Rate ^a | No. | Rate ^a | No. | Rate ^a | No. | Rate ^a |
| Total | 233 | 14.4 | 25 | 1.5 | 43 | 2.7 | 301 | 18.7 |
| Sex | | | | | | | | |
| Male | 206 | 16.2 | 22 | 1.7 | 35 | 2.8 | 263 | 20.7 |
| Female | 27 | 7.9 | 3 | 0.9 | 8 | 2.3 | 38 | 11.1 |
| Race and ethnicity | | | | | | | | |
| White, non-Hispanic | 117 | 12.5 | 12 | 1.3 | 22 | 2.3 | 151 | 16.1 |
| Black, non-Hispanic | 58 | 26.0 | 4 | 1.8 | 6 | 2.7 | 68 | 30.5 |
| Hispanic | 34 | 12.9 | 5 | 1.9 | 10 | 3.8 | 49 | 18.6 |
| Other | 24 | 12.6 | 4 | 2.1 | 5 | 2.6 | 33 | 17.4 |
| Age, y | | | | | | | | |
| <20 | 19 | 26.8 | 4 | 5.6 | 3 | 4.2 | 26 | 36.6 |
| 20–24 | 114 | 25.0 | 12 | 2.6 | 17 | 3.7 | 143 | 31.4 |
| 25–29 | 45 | 11.2 | 4 | 1.0 | 11 | 2.7 | 60 | 15.0 |
| 30–34 | 25 | 8.3 | 0 | 0.0 | 8 | 2.6 | 33 | 10.9 |
| 35–39 | 19 | 8.1 | 5 | 2.1 | 1 | 0.4 | 25 | 10.6 |
| 40–44 | 4 | 3.9 | 0 | 0.0 | 3 | 2.9 | 7 | 6.7 |
| 45+ | 7 | 15.7 | 0 | 0.0 | 0 | 0.0 | 7 | 15.7 |
| Rank | | | | | | | | |
| Recruit trainee | 0 | 0.0 | 0 | 0.0 | 1 | 5.0 | 1 | 5.0 |
| Enlisted | 213 | 16.6 | 21 | 1.6 | 35 | 2.7 | 269 | 21.0 |
| Officer | 20 | 6.4 | 4 | 1.3 | 7 | 2.2 | 31 | 10.0 |
| Occupation | | | | | | | | |
| Infantry/artillery/armor/combat engineering | 9 | 71.1 | 0 | 0.0 | 0 | 0.0 | 9 | 71.1 |
| Motor transport | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Repair/engineering | 94 | 19.1 | 8 | 1.6 | 8 | 1.6 | 110 | 22.3 |
| Communications/intelligence | 36 | 10.5 | 1 | 0.3 | 6 | 1.7 | 43 | 12.5 |
| Health care | 9 | 6.1 | 1 | 0.7 | 2 | 1.4 | 12 | 8.1 |
| Other | 85 | 14.1 | 15 | 2.5 | 27 | 4.5 | 127 | 21.0 |
| Cold season (July–June) | | | | | | | | |
| 2019–2020 | 38 | 11.6 | 2 | 0.6 | 8 | 2.4 | 48 | 14.6 |
| 2020–2021 | 47 | 14.3 | 1 | 0.3 | 9 | 2.7 | 57 | 17.3 |
| 2021–2022 | 53 | 16.3 | 5 | 1.5 | 6 | 1.8 | 64 | 19.7 |
| 2022–2023 | 48 | 15.1 | 7 | 2.2 | 7 | 2.2 | 62 | 19.5 |
| 2023–2024 | 47 | 15.0 | 10 | 3.2 | 13 | 4.2 | 70 | 22.3 |

Abbreviations: No., number; y, years.

^aRate per 100,000 person-years.