

**TABLE 2b.** Annual Incidence of Frostbite, Immersion Injury and Hypothermia Among All Cold Injuries (1 type per person per season), U.S. Navy Active Component, July 2020–June 2025

|  | Frostbite |                   | Immersion Injury |                   | Hypothermia |                   | Unspecified <sup>a</sup> |                   | All Cold Injuries |                   |
|--|-----------|-------------------|------------------|-------------------|-------------|-------------------|--------------------------|-------------------|-------------------|-------------------|
|  | No.       | Rate <sup>b</sup> | No.              | Rate <sup>b</sup> | No.         | Rate <sup>b</sup> | No.                      | Rate <sup>b</sup> | No.               | Rate <sup>b</sup> |
| Total  | 59        | 3.6               | 38               | 2.3               | 58          | 3.5               | 25                       | 1.5               | 180               | 10.8              |
| <b>Sex</b>                                     |           |                   |                  |                   |             |                   |                          |                   |                   |                   |
| Male   | 49        | 3.7               | 36               | 2.7               | 49          | 3.7               | 17                       | 1.3               | 151               | 11.5              |
| Female   | 10        | 2.9               | 2                | 0.6               | 9           | 2.6               | 8                        | 2.3               | 29                | 8.4               |
| <b>Race and ethnicity</b>                      |           |                   |                  |                   |             |                   |                          |                   |                   |                   |
| White, non-Hispanic                            | 26        | 3.2               | 16               | 2.0               | 35          | 4.3               | 11                       | 1.4               | 88                | 10.9              |
| Black, non-Hispanic                            | 12        | 4.5               | 8                | 3.0               | 8           | 3.0               | 4                        | 1.5               | 32                | 11.9              |
| Hispanic                                       | 12        | 4.0               | 9                | 3.0               | 8           | 2.7               | 4                        | 1.3               | 33                | 11.1              |
| Other  | 9         | 3.1               | 5                | 1.7               | 7           | 2.4               | 6                        | 2.1               | 27                | 9.4               |
| <b>Age, y</b>                                  |           |                   |                  |                   |             |                   |                          |                   |                   |                   |
| <20  | 7         | 7.2               | 9                | 9.3               | 8           | 8.3               | 6                        | 6.2               | 30                | 31.0              |
| 20–24  | 16        | 3.3               | 14               | 2.9               | 28          | 5.7               | 9                        | 1.8               | 67                | 13.7              |
| 25–29  | 15        | 3.8               | 6                | 1.5               | 17          | 4.3               | 3                        | 0.8               | 41                | 10.3              |
| 30–34  | 6         | 2.1               | 2                | 0.7               | 4           | 1.4               | 2                        | 0.7               | 14                | 4.9               |
| 35–39  | 8         | 3.7               | 2                | 0.9               | 1           | 0.5               | 3                        | 1.4               | 14                | 6.5               |
| 40–44  | 4         | 3.5               | 3                | 2.6               | 0           | 0.0               | 1                        | 0.9               | 8                 | 7.0               |
| 45+  | 3         | 4.6               | 2                | 3.0               | 0           | 0.0               | 1                        | 1.5               | 6                 | 9.1               |
| <b>Rank</b>                                    |           |                   |                  |                   |             |                   |                          |                   |                   |                   |
| Recruit trainee                                | 2         | 7.7               | 1                | 3.9               | 0           | 0.0               | 0                        | 0.0               | 3                 | 11.6              |
| Enlisted                                       | 45        | 3.3               | 33               | 2.4               | 54          | 4.0               | 23                       | 1.7               | 155               | 11.4              |
| Officer  | 12        | 4.3               | 4                | 1.4               | 4           | 1.4               | 2                        | 0.7               | 22                | 7.9               |
| <b>Military occupation</b>                     |           |                   |                  |                   |             |                   |                          |                   |                   |                   |
| Infantry, artillery, armor, combat engineering | 3         | 2.9               | 1                | 1.0               | 5           | 4.9               | 0                        | 0.0               | 9                 | 8.8               |
| Motor transport                                | 1         | 1.5               | 1                | 1.5               | 16          | 24.6              | 2                        | 3.1               | 20                | 30.7              |
| Repair, engineering                            | 16        | 2.2               | 13               | 1.8               | 13          | 1.8               | 9                        | 1.2               | 51                | 7.1               |
| Communications, intelligence                   | 5         | 1.9               | 8                | 3.0               | 3           | 1.1               | 3                        | 1.1               | 19                | 7.2               |
| Health care                                    | 17        | 10.0              | 0                | 0.0               | 4           | 2.4               | 5                        | 3.0               | 26                | 15.3              |
| Other  | 17        | 5.0               | 15               | 4.4               | 17          | 5.0               | 6                        | 1.8               | 55                | 16.3              |
| <b>Cold season (July–June)</b>                 |           |                   |                  |                   |             |                   |                          |                   |                   |                   |
| 2020–2021                                      | 9         | 2.6               | 3                | 0.9               | 13          | 3.8               | 5                        | 1.5               | 30                | 8.8               |
| 2021–2022                                      | 12        | 3.5               | 8                | 2.3               | 13          | 3.8               | 1                        | 0.3               | 34                | 10.0              |
| 2022–2023                                      | 8         | 2.4               | 7                | 2.1               | 12          | 3.6               | 4                        | 1.2               | 31                | 9.3               |
| 2023–2024                                      | 20        | 6.2               | 5                | 1.5               | 5           | 1.5               | 6                        | 1.8               | 36                | 11.1              |
| 2024–2025                                      | 10        | 3.1               | 15               | 4.6               | 15          | 4.6               | 9                        | 2.8               | 49                | 15.1              |

Abbreviations: No., number; y, years.

<sup>a</sup>Includes diagnoses for “other effects of reduced temperature.”

<sup>b</sup>Rate per 100,000 person-years.