

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

	Frostbite		Immersion Injury		Hypothermia		All Cold Injuries	
	No.	Rate ^a	No.	Rate ^a	No.	Rate ^a	No.	Rate ^a
Total	734	31.6	434	18.7	186	8.0	1,354	58.4
Sex								
Male	641	32.7	390	19.9	162	8.3	1,193	60.9
Female	93	25.8	44	12.2	24	6.7	161	44.7
Race and ethnicity								
White, non-Hispanic	247	20.2	199	16.3	87	7.1	533	43.6
Black, non-Hispanic	343	73.2	161	34.4	57	12.2	561	119.8
Hispanic	89	21.8	58	14.2	24	5.9	171	41.9
Other	55	24.9	16	7.3	18	8.2	89	40.3
Age, y								
<20	68	46.7	52	35.7	18	12.4	138	94.8
20–24	322	45.6	227	32.1	97	13.7	646	91.4
25–29	154	27.7	82	14.7	44	7.9	280	50.4
30–34	95	25.3	44	11.7	13	3.5	152	40.5
35–39	54	19.3	13	4.6	9	3.2	76	27.1
40–44	23	14.9	9	5.8	3	1.9	35	22.6
45+	18	17.7	7	6.9	2	2.0	27	26.5
Rank								
Recruit trainee	8	17.5	7	15.3	5	11.0	20	43.8
Enlisted	647	35.8	388	21.5	165	9.1	1,200	66.4
Officer	79	17.0	39	8.4	16	3.4	134	28.8
Occupation								
Infantry/artillery/armor/combat engineering	302	52.1	216	37.3	96	16.6	614	106.0
Motor transport	26	36.6	12	16.9	4	5.6	42	59.2
Repair/engineering	110	23.9	63	13.7	26	5.7	199	43.3
Communications/intelligence	151	26.2	83	14.4	28	4.9	262	45.5
Health care	47	20.7	17	7.5	13	5.7	77	33.9
Other	98	24.1	43	10.6	19	4.7	160	39.3
Cold season (July–June)								
2019–2020	115	24.3	94	19.8	46	9.7	255	53.8
2020–2021	180	37.7	81	17.0	38	8.0	299	62.6
2021–2022	190	40.3	67	14.2	38	8.1	295	62.5
2022–2023	124	27.3	75	16.5	31	6.8	230	50.7
2023–2024	125	28.2	117	26.4	33	7.4	275	62.1

Abbreviations: No., number; y, years.

^aRate per 100,000 person-years.