

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

	Frostbite		Immersion Injury		Hypothermia		All Cold Injuries	
	No.	Rate ^a	No.	Rate ^a	No.	Rate ^a	No.	Rate ^a
Total	156	17.7	119	13.5	84	9.5	359	40.8
Sex								
Male	149	18.7	109	13.6	71	8.9	329	41.2
Female	7	8.6	10	12.3	13	16.0	30	36.9
Race and ethnicity								
White, non-Hispanic	72	14.5	68	13.7	38	7.7	178	35.9
Black, non-Hispanic	45	51.2	9	10.2	23	26.2	77	87.7
Hispanic	29	13.1	31	14.0	14	6.3	74	33.3
Other	10	13.3	11	14.7	9	12.0	30	40.0
Age, y								
<20	24	20.4	61	51.8	22	18.7	107	90.8
20–24	90	21.5	46	11.0	46	11.0	182	43.4
25–29	26	16.5	9	5.7	9	5.7	44	27.9
30–34	13	16.1	2	2.5	4	4.9	19	23.5
35–39	3	4.8	1	1.6	1	1.6	5	8.0
40–44	0	0.0	0	0.0	2	7.2	2	7.2
45+	0	0.0	0	0.0	0	0.0	0	0.0
Rank								
Recruit trainee	2	6.3	42	132.3	14	44.1	58	182.7
Enlisted	134	18.1	68	9.2	64	8.6	266	35.9
Officer	20	18.5	9	8.3	6	5.5	35	32.3
Occupation								
Infantry/artillery/armor/combat engineering	92	49.1	15	8.0	21	11.2	128	68.3
Motor transport	2	4.6	2	4.6	1	2.3	5	11.6
Repair/engineering	12	5.7	8	3.8	8	3.8	28	13.2
Communications/intelligence	24	11.4	10	4.7	8	3.8	42	19.9
Health care	0	0.0	0	0.0	0	0.0	0	0.0
Other	26	11.5	84	37.1	46	20.3	156	68.8
Cold season (July–June)								
2019–2020	26	14.1	15	8.1	18	9.8	59	32.0
2020–2021	55	30.5	25	13.9	20	11.1	100	55.5
2021–2022	33	18.7	23	13.0	18	10.2	74	41.9
2022–2023	21	12.3	26	15.2	11	6.4	58	34.0
2023–2024	21	12.5	30	17.9	17	10.1	68	40.5

Abbreviations: No., number; y, years.

^aRate per 100,000 person-years.