

TABLE 3d. Annual Incidence of Frostbite, Immersion Hand and Foot, and Hypothermia Among All Cold Injuries (1 type per person per year), Active Component, U.S. Marines, July 2018–June 2023

	Frostbite		Immersion foot		Hypothermia		All cold injuries	
	No.	Rate ^a	No.	Rate ^a	No.	Rate ^a	No.	Rate ^a
Total	190	21.2	124	13.8	95	10.6	409	45.6
Sex								
Male	183	22.4	117	14.3	85	10.4	385	47.2
Female	7	8.6	7	8.6	10	12.3	24	29.6
Race and ethnicity								
White, non-Hispanic	89	17.2	75	14.5	44	8.5	208	40.3
Black, non-Hispanic	62	70.0	8	9.0	20	22.6	90	101.6
Other	39	13.3	41	14.0	31	10.6	111	38.0
Age								
<20	21	17.4	57	47.2	28	23.2	106	87.8
20-24	117	27.2	52	12.1	52	12.1	221	51.4
25-29	31	19.7	11	7.0	11	7.0	53	33.6
30-34	15	18.2	4	4.8	3	3.6	22	26.6
35-39	6	9.6	0	0.0	0	0.0	6	9.6
40-44	0	0.0	0	0.0	1	3.6	1	3.6
45+	0	0.0	0	0.0	0	0.0	0	0.0
Rank								
Enlisted	165	20.9	113	14.3	88	11.2	366	46.4
Officer	25	23.1	11	10.2	7	6.5	43	39.7
Occupation								
Infantry/artillery/armor/combat engineering	114	58.7	16	8.2	38	19.6	168	86.6
Motor transport	3	6.9	1	2.3	2	4.6	6	13.8
Repair/engineering	14	6.5	13	6.0	4	1.8	31	14.3
Communications/intelligence	31	14.5	11	5.1	8	3.7	50	23.4
Health care	0	0.0	0	0.0	0	0.0	0	0.0
Other	28	12.3	83	36.4	43	18.8	154	67.5
Cold year (July-June)								
2018-2019	54	29.3	36	19.5	30	16.3	120	65.0
2019-2020	26	14.1	15	8.1	18	9.8	59	32.0
2020-2021	57	31.6	24	13.3	18	10.0	99	55.0
2021-2022	33	18.7	24	13.6	18	10.2	75	42.4
2022-2023	20	11.7	25	14.6	11	6.4	56	32.8

Abbreviation: No., number.

^aRate per 100,000 person-years.