

TABLE 3. Unadjusted and Adjusted Incidence Rate Ratios for Six Conditions by Time in Service, High-Risk Versus Low-Risk Blast Overpressure Occupations, Active Component, U.S. Armed Forces, January 1990–December 2024

Medical Condition	Cumulative Time in Service	High-Risk Occupations		Low-Risk Occupations	
		Adjusted IRR	Adjusted 95% CI	Adjusted IRR	Adjusted 95% CI
Traumatic brain injury	<1 year	Ref	—	Ref	—
	1 to <6 years	1.19	1.16–1.21	1.37	1.35–1.40
	6 to <10 years	1.20	1.16–1.24	1.42	1.38–1.46
	≥10 years	1.30	1.25–1.36	1.42	1.37–1.47
Insomnia	<1 year	Reference	—	Reference	—
	1 to <6 years	2.28	2.20–2.35	2.42	2.37–2.47
	6 to <10 years	2.70	2.59–2.82	2.89	2.81–2.96
	≥10 years	2.59	2.47–2.72	2.90	2.82–2.99
Migraine headache	<1 year	Reference	—	Reference	—
	1 to <6 years	1.46	1.41–1.51	1.48	1.45–1.50
	6 to <10 years	1.72	1.65–1.80	1.62	1.58–1.65
	≥10 years	1.83	1.74–1.93	1.61	1.56–1.65
Depressive or anxiety disorders	<1 year	Reference	—	Reference	—
	1 to <6 years	1.25	1.23–1.27	1.43	1.41–1.44
	6 to <10 years	1.51	1.46–1.55	1.70	1.67–1.73
	≥10 years	1.45	1.40–1.50	1.75	1.72–1.79
Noise-induced hearing injury	<1 year	Reference	—	Reference	—
	1 to <6 years	1.74	1.70–1.78	1.79	1.77–1.82
	6 to <10 years	1.78	1.73–1.83	1.88	1.83–1.92
	≥10 years	1.80	1.74–1.87	1.99	1.94–2.04
Essential hypertension	<1 year	Reference	—	Reference	—
	1 to <6 years	1.53	1.48 - 1.59	1.49	1.45 - 1.52
	6 to <10 years	1.61	1.54 - 1.69	1.50	1.46 - 1.54
	≥10 years	1.55	1.46 - 1.63	1.45	1.41 - 1.50

Abbreviations: IRR, incidence rate ratio; CI, confidence interval.