

TABLE 2. Incidence Rates of Kidney Events Among Active Component Service Members by COVID-19 PCR Test Result, March 1, 2020–September 30, 2022

	COVID-19-Positive			COVID-19-Negative		
	Individuals with a Kidney Event	Person-Time	Rate ^a	Individuals with a Kidney Event	Person-Time	Rate ^a
Overall	244	247,903.5	9.8	1,731	1,632,132.3	10.61
Sex						
Male	202	200,813.5	10.1	1,417	1,340,074.7	10.6
Female	42	47,090.1	8.9	314	292,057.6	10.8
Age group, y						
<20	13	14,622.0	8.9	120	117,367.8	10.2
20-24	69	85,431.2	8.1	482	554,343.3	8.7
25-29	43	60,726.9	7.1	336	379,318.8	8.9
30-34	39	40,137.0	9.7	252	253,048.5	10.0
35-39	35	28,276.6	12.4	254	182,905.7	13.9
40-44	27	12,629.0	21.4	151	90,829.6	16.6
≥45	18	6,080.9	29.6	136	54,318.7	25.0
Race and ethnicity						
White, non-Hispanic	116	125,680.7	9.2	885	890,533.5	10.0
Black, non-Hispanic	61	45,317.5	13.5	393	262,063.1	15.0
Hispanic	49	49,836.5	9.8	268	288,539.1	9.3
Other/unknown	18	27,068.9	6.7	185	190,996.6	9.7
Service branch						
Army	109	96,894.5	11.3	774	593,356.2	13.0
Navy	65	61,942.6	10.5	398	419,354.1	9.5
Air Force	56	54,758.4	10.2	359	385,078.6	9.3
Marine Corps	14	31,924.2	4.4	182	218,789.8	8.3
Coast Guard	0	2,383.9	0.0	18	15,553.6	11.6
Education						
High School or less	154	166,474.9	9.3	1,077	1,066,718.0	10.1
Some college	39	29,884.3	13.1	237	185,556.3	12.8
Bachelors or advanced degree	50	47,196.1	10.6	382	350,906.2	10.9
Other/unknown	1	4,348.2	2.3	35	28,951.8	12.1
Vaccination status prior to COVID-19 test						
Fully vaccinated	113	149,220.7	7.6	387	390,442.4	9.9
Not vaccinated	131	98,682.8	13.3	1,344	1,241,689.9	10.8
Kidney events ^b						
Acute kidney injury	56	247,903.5	2.3	457	1,632,132.3	2.8
Chronic kidney disease	24	247,903.5	1.0	189	1,632,132.3	1.2
Proteinuria	42	247,903.5	1.7	321	1,632,132.3	2.0
Nephrosis, nephritis, renal sclerosis	4	247,903.5	0.2	25	1,632,132.3	0.2
Other	118	247,903.5	4.8	739	1,632,132.3	4.5
Any kidney event	244	247,903.5	9.8	1,731	1,632,132.3	10.6

Abbreviations: COVID-19, coronavirus disease 2019; y, years.

^a Rate per 10,000 person-years.^b Each kidney event counted once per person.