

Supplemental Online Content

Olfson M, Cosgrove CM, Wall MM, Blanco C. Suicide risks of health care workers in the US. *JAMA*. doi:10.1001/jama.2023.15787

eTable 1. Suicide Risks of Health Care Workers Compared With Non–Health Care Workers Limited to Age 65 Years and Younger

eTable 2. Suicide Rates Per 100 000 Person-Years of Female and Male Health Care Workers and Non–Health Care Workers

This supplemental material has been provided by the authors to give readers additional information about their work.

eTable 1. Suicide Risks of Health Care Workers Compared With Non–Health Care Workers Limited to Age 65 Years and Younger		
Group	Adjusted ^a HR (95% CI) Other Employed Adults Reference Group	Adjusted ^b HR (95% CI) Other Employed Adults Reference Group
Healthcare workers, total (N=176,000)	1.31 (1.12-1.54)	1.32 (1.13-1.55)
Physicians (N=13,000)	1.01 (0.63-1.62)	1.04 (0.65-1.66)
Registered nurses (N=42,000)	1.62 (1.19-2.11)	1.70 (1.25-2.33)
Other health diagnosing and treating practitioners (N=22,500)	0.64 (0.38-1.08)	0.65 (0.38-1.11)
Health technicians (N=32,500)	1.40 (1.03-1.91)	1.42 (1.04-1.94)
Healthcare support workers (N=39,000)	1.79 (1.33-2.40)	1.72 (1.28-2.30)
Social/behavioral health workers (N=27,000)	1.14 (0.75-1.74)	1.11 (0.73-1.69)
Healthcare workers, total by sex		
Males (N=38,500)	1.09 (0.86-1.39)	1.10 (0.87-1.39)
Females (N=137,500)	1.52 (1.23-1.90)	1.55 (1.25-1.93)
MDAC. Limited to adults 26 to 65 years. Respondents followed through 2019. Numbers in row headings are based on unweighted n's and rounded to 500s following Census rules. ^a Adjusted for age, sex, race/ethnicity, marital status, education, and residence. ^b Adjusted for age, sex, race/ethnicity, marital status, education, residence, and income. DRB release: CBDRB-FY23-CES004-027		

eTable 2. (Data for Figure 2). Suicide Rates Per 100 000 Person-Years of Female and Male Health Care Workers and Non-Health Care Workers	
Occupational Group	Suicides / 100,000 years (95% CI)
Registered nurses, females (N=38,500)	8.6 (6.0, 12.0)
Healthcare support workers, females (N=35,000)	8.0 (5.6, 11.4)
Male healthcare support workers, males (N=3,900)	33.1 (18.8, 53.9)
Female health technicians, females (N=26,000)	8.6 (5.5, 12.8)
Male health technicians, males (N=6,000)	21.5 (12.5, 34.5)
Social/behavioral health workers, females (N=20,000)	5.3 (2.7, 9.4)
Social/behavioral health workers, males (N=7,000)	14.3 (7.3, 25.2)
Other health diagnosing and treating practitioners, females (N=13,500)	1.1 (0.1, 4.6)
Other health diagnosing and treating practitioners, males (N=8,600)	14.1 (7.4, 24.2)
Physicians, males (N=8,900) ^a	23.7 (15.0, 35.6)
Non-healthcare workers, females (N=739,000)	4.8 (4.3, 5.2)
Non-healthcare workers, males (N=922,000)	19.5 (18.7, 20.4)
Numbers in rows are based on unweighted n's and rounded to 500s following Census rules.	
^a Following US Census rules, the suicide rates of male registered nurses and female physicians are suppressed to protect participant re-identification.	
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