Supplemental Digital Content

Table: United States Registered Nurse Suicide Research

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| First Author and Publication Year | Davidson 20191 | Davidson 2020 2 | Patrician 20206 | Davis 20215 |
| Year(s) of Data Analyzed | 2014 | 2005-2016 | 2015 | 2007-2018  However, data for incidence was from 2017-2018 only |
| Denominator Source | Nurses: National  Council of State Boards of Nursing (NCSBN) plus Oklahoma state boards of nursing.  Comparators: Census Data Subtracting Nurses | Nurses: National  Council of State Boards of Nursing (NCSBN) plus individual state boards of nursing.  Comparators: Census Data Subtracting Nurses | The National Institute for Occupational Safety and Health’s Industry and Occupation Computerized Coding System.  Current Population Survey (CPS) Annual Social and Economic Supplement (ASEC) of the U.S. Census Bureau and the U.S. Bureau of Labor Statistics | US Bureau of Labor Statistics |
| Age Cutoffs | 20 and older | 20 and older | 16-64 years old, employed | 30 and older |
| Main Result | Nurse suicides significantly higher. Female 11.97/100,000 vs.female others  7.58/100,000 (p<0.001); Male nurses 39.8/100,000 vs. male others  28.2/100,000 (p<0.001) | Female nurses IRR 1.395, 95% confidence intervals [CI] 1.323, 1.470, *p* < .001; male nurses IRR 1.205, 95% CI 1.083, 1.338, *p* < .001). | Female and male nurses 11.4 and 29.3 per 100,000 nurses, respectively vs. comparable population: 8.2 and 26.1 per 100,000 respectively | All nurses: 23.8 per 100 000 vs 20.1per 100 000; relative risk, 1.18 [95% CI, 1.03-1.36]).  Females only: Nurses 17.1 per 100,000 vs 8.6 per 100,000 (relative risk, 1.99 [95% CI,1.82-2.18]).  Female nurses were associated 8.5 more suicides per 100 000 (95% CI, 7.0-10.0 per 100 000) vs. women in the general population. |

Legend: Suprascript numbers reflect in-text citation. All suicide data was extracted from the restricted Center for Disease Control and Prevention National Violent Death Registry. IRR= incident rate ratio. US= United States. CI = Confidence Interval. Available statistics are reported.