

Appendix
Sexual Orientation Disparities in Prescription Opioid Misuse Among U.S. Adults
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Appendix Table 1. Individual Correlates of Prescription Opioid Misuse and Prescription Opioid Use Disorder in U.S. Adults

Characteristics	Past-year opioid misuse AOR (95% CI)	Past-month opioid misuse AOR (95% CI)	Past-year opioid use disorder AOR (95% CI)
Age, years			
18–25	1.00	1.00	1.00
26–34	1.32 (1.11, 1.57)**	1.49 (1.11, 2.00)**	1.87 (1.25, 2.82)**
35–49	1.12 (0.92, 1.38)	1.39 (1.03, 1.88)*	2.09 (1.34, 3.26)**
≥50	0.65 (0.48, 0.87)**	0.69 (0.45, 1.07)	1.02 (0.57, 1.81)
Sex			
Male	1.00	1.00	1.00
Female	0.84 (0.72, 0.97)*	0.86 (0.68, 1.10)	0.64 (0.51, 0.81)***
Race/ethnicity			
White	1.00	1.00	1.00
Black	0.69 (0.54, 0.86)**	0.73 (0.48, 1.10)	0.76 (0.49, 1.16)
Hispanic	0.86 (0.70, 1.05)	0.91 (0.63, 1.30)	0.63 (0.36, 1.11)
Asian/other	0.76 (0.55, 1.04)	0.88 (0.49, 1.57)	0.82 (0.51, 1.31)
Education			
Less than high school	1.00	1.00	1.00
High school diploma	0.78 (0.66, 0.92)**	0.83 (0.58, 1.18)	0.91 (0.60, 1.38)
Some college	0.82 (0.66, 1.01)	0.70 (0.50, 0.97)	0.73 (0.48, 1.11)
College degree or higher	0.58 (0.45, 0.75)***	0.47 (0.31, 0.71)**	0.50 (0.27, 0.94)*
Relationship status			
Married	1.00	1.00	1.00
Widowed	1.11 (0.76, 1.63)	1.05 (0.53, 2.06)	1.40 (0.71, 2.77)
Divorced	1.40 (1.11, 1.76)**	1.42 (1.00, 2.00)*	1.55 (0.95, 2.56)
Never married	1.25 (1.05, 1.49)*	0.89 (0.63, 1.25)	1.31 (0.76, 2.25)
Annual family income			
<\$20,000	1.00	1.00	1.00
\$20,000–\$49,999	1.06 (0.88, 1.28)	0.90 (0.68, 1.21)	0.98 (0.65, 1.48)
\$50,000–\$74,999	0.98 (0.79, 1.21)	1.07 (0.75, 1.53)	1.18 (0.67, 2.09)
≥\$75,000	0.99 (0.79, 1.24)	0.83 (0.59, 1.15)	0.66 (0.38, 1.14)
Population density			
Large MSA	1.00	1.00	1.00
Small MSA	0.97 (0.83, 1.13)	1.07 (0.84, 1.37)	1.06 (0.74, 1.53)
Non-MSA	0.92 (0.78, 1.09)	1.15 (0.89, 1.49)	1.07 (0.70, 1.64)
Government assistance recipient	0.72 (0.61, 0.85)***	0.76 (0.59, 0.97)*	0.56 (0.37, 0.83)**
Past-year drug use			
Marijuana	3.02 (2.51, 3.62)***	3.32 (2.28, 4.82)***	1.93 (1.22, 3.04)**
Cocaine	2.63 (1.93, 3.58)***	2.61 (1.72, 3.97)***	2.21 (1.26, 3.89)**
Methamphetamine	2.88 (1.89, 4.39)***	1.82 (1.06, 3.14)*	2.01 (1.03, 3.95)*
Tranquilizers (misuse)	11.36 (9.09, 14.18)***	9.46 (6.72, 13.30)***	17.26 (11.54, 25.82)***

Notes: Boldface indicates statistical significance (* $p < 0.05$; ** $p < 0.01$; *** $p < 0.001$). White and black participants were identified as non-Hispanic.

MSA, metropolitan statistical area.