

**Appendix**  
**Substance Use and Suicide in Pacific Islander, American Indian, and Multiracial Youth**  
**Subica et al.**

**Appendix Table 1.** Adjusted Odds Ratios of Depressed Mood among U.S. National Youth Behavior Risk Surveillance participants (1991-2015) by Race/Ethnicity

Independent variables	Depression, AOR (95% CI)						
	NHPI (n = 1,130)	AIAN (n = 2,129)	Multiracial (n = 4,660)	Hispanic (n = 51,033)	African American (n = 41,567)	Asian American (n = 6,404)	Non-Hispanic White (n = 77,571)
<b>Sex</b>							
Male (reference)	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Female	<b>1.87 (1.34-2.61)</b>	<b>1.93 (1.40-2.65)</b>	<b>2.62 (2.11-3.26)</b>	<b>2.46 (2.30-2.64)</b>	<b>2.40 (2.15-2.68)</b>	<b>1.85 (1.52-2.26)</b>	<b>2.27 (2.13-2.42)</b>
<b>Age in Years</b>							
12-14 years (reference)	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15-16 years	1.05 (0.55-2.00)	1.04 (0.59-1.81)	0.91 (0.68-1.21)	1.01 (0.91-1.13)	1.13 (0.97-1.32)	1.20 (0.90-1.61)	<b>1.11 (1.01-1.21)</b>
17-18 years	0.85 (0.47-1.57)	0.73 (0.40-1.33)	1.00 (0.73-1.38)	0.92 (0.81-1.04)	1.23 (1.04-1.45)	<b>1.47 (1.09-1.99)</b>	1.01 (0.92-1.12)
<b>Survey Year</b>							
1991-1999 (reference)	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2001-2009	0.93 (0.54-1.60)	0.94 (0.49-1.81)	1.14 (0.85-1.54)	0.97 (0.82-1.13)	1.03 (0.90-1.19)	0.96 (0.69-1.33)	<b>1.14 (1.05-1.25)</b>
2011-2015	0.91 (0.51-1.61)	1.31 (0.68-2.53)	<b>1.41 (1.07-1.87)</b>	1.07 (0.91-1.27)	0.94 (0.80-1.10)	1.03 (0.75-1.42)	<b>1.39 (1.26-1.53)</b>
<b>Current Alcohol Use</b>							
No (reference)	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Yes	1.43 (0.97-2.13)	<b>1.52 (1.02-2.29)</b>	<b>1.78 (1.39-2.28)</b>	<b>1.62 (1.48-1.76)</b>	<b>1.41 (1.27-1.57)</b>	<b>1.64 (1.29-2.10)</b>	<b>1.43 (1.33-1.52)</b>
<b>Current Cigarette Use</b>							
No (reference)	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Yes	1.62 (0.97-2.73)	1.36 (0.87-2.10)	<b>2.19 (1.58-3.04)</b>	<b>1.71 (1.54-1.91)</b>	<b>1.57 (1.37-1.79)</b>	<b>1.73 (1.18-2.56)</b>	<b>1.78 (1.65-1.92)</b>
<b>Current Marijuana Use</b>							
No (reference)	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Yes	1.19 (0.71-2.01)	1.45 (0.91-2.31)	0.83 (0.61-1.13)	<b>1.18 (1.08-1.30)</b>	<b>1.23 (1.10-1.39)</b>	1.42 (0.99-2.04)	<b>1.39 (1.29-1.51)</b>

*Note:* Boldface indicates the estimate for the AOR significantly differed from the reference category ( $p < .05$ ).

AIAN, American Indian/Alaskan Native; AOR, adjusted odds ratio; CI, confidence interval; NHPI, Native Hawaiian and other Pacific Islander.