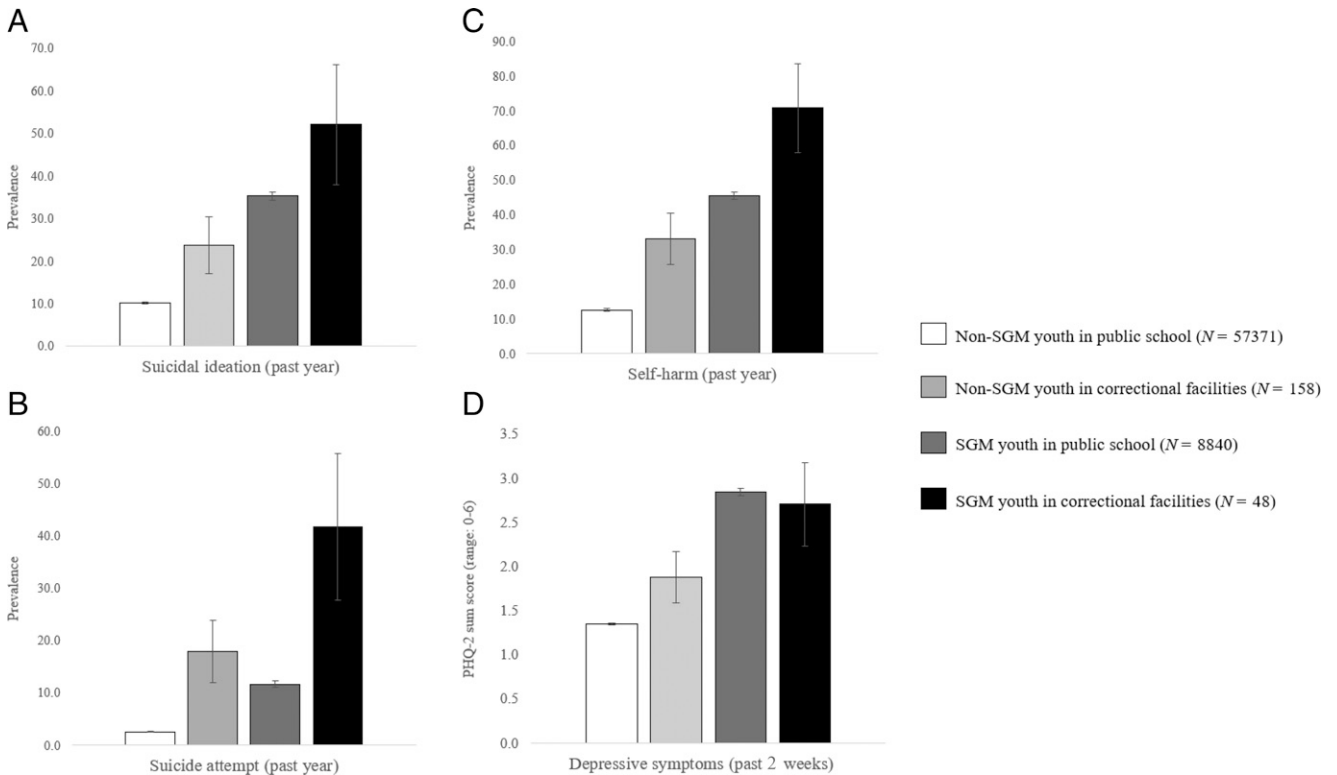


## Supplemental Information



### SUPPLEMENTAL FIGURE 2

Mental health indicators by SGM and incarceration statuses with 95% CIs dropping respondents reported their sexual orientation with the response option, I don't describe myself in any of these ways. Panel A. Prevalence of suicidal ideation assessed by affirmative response to Have you seriously considered attempting suicide during the last year? Panel B. Prevalence of suicide attempt assessed by affirmative response to Have you ever actually attempted suicide during the last year? Panel C. Prevalence of self-harm assessed by reporting 1 or more times to During the last 12 months, how many times did you do something to purposely hurt or injure yourself without wanting to die, such as cutting, burning, or bruising yourself on purpose? Panel D. Depressive symptoms assessed with sum score on the PHQ-2 (range 0–6).

**SUPPLEMENTAL TABLE 3** Mental Health Indicators Among SGM Youth in Public Schools and Juvenile Correctional Facilities by Sexual Orientation and Gender Identity, *N* = 14 795

	Total <i>n</i> (%)	Suicidal Ideation %	Self-Harm %	Suicide Attempt %	Depressive Symptoms, Mean (SD)
SGM youth in public schools ( <i>n</i> = 14 731)					
Sexual orientation					
Heterosexual or straight	285 (1.9)	23.1	32.1	7.5	2.0 (2.0)
Bisexual	4234 (28.7)	37.1	47.9	12.6	2.9 (1.9)
Gay or lesbian	1172 (8.0)	33.4	42.4	11.7	2.7 (2.0)
Pansexual	1270 (8.6)	45.6	58.4	16.8	3.3 (1.9)
Queer	306 (2.1)	32.3	45.4	10.7	2.8 (1.9)
Questioning/not sure	1573 (10.7)	26.3	33.9	6.2	2.5 (1.9)
I don't describe myself in any of these ways	5891 (40.0)	10.2	15.7	4.0	1.4 (1.6)
Gender identity					
Identifies as transgender, genderqueer, genderfluid, or not sure about gender identity	2037 (13.8)	39.5	53.2	14.1	3.1 (2.0)
No/do not understand question/ no answer	12 694 (86.2)	23.0	30.5	7.8	2.1 (1.9)
SGM youth in juvenile correctional facilities ( <i>n</i> = 64)					
Sexual orientation					
Heterosexual or straight	1 (1.6)	0.0	100.0	0.0	1.0 (—)
Bisexual	28 (43.8)	57.1	71.4	42.9	3.0 (1.8)
Gay or lesbian	6 (9.4)	66.7	50.0	33.3	2.7 (1.8)
Pansexual	8 (12.5)	62.5	75.0	50.0	2.6 (1.4)
Queer	0 (0.0)	—	—	—	—
Questioning/not sure	5 (7.8)	0.0	80.0	0.0	1.8 (1.6)
I don't describe myself in any of these ways	16 (25.0)	12.5	18.8	25.0	1.1 (1.6)
Gender identity					
Identifies as transgender, genderqueer, genderfluid, or not sure about gender identity	14 (21.9)	42.9	78.6	42.9	2.5 (1.2)
No/do not understand question/ no answer	50 (78.1)	42.0	52.0	36.0	2.2 (1.9)

Suicidal ideation (past year) assessed by affirmative response to Have you seriously considered attempting suicide during the last year? Self-harm (past year) assessed by reporting 1 or more times to During the last 12 months, how many times did you do something to purposely hurt or injure yourself without wanting to die, such as cutting, burning, or bruising yourself on purpose? Suicide attempt (past year) assessed by affirmative response to Have you ever actually attempted suicide during the last year? Depressive symptoms assessed with sum score on the PHQ-2 (range 0–6). —, no information.

**SUPPLEMENTAL TABLE 4** Multivariable Logistic and Linear Regression Models Documenting Associations Between Sexual And Gender Minority (SGM) and Incarceration Statuses and Mental Health Indicators With Alternative Reference Groups Specified, *N* = 72 324

	Suicidal Ideation <sup>a</sup> ( <i>N</i> = 70 489)	Suicide Attempt <sup>b</sup> ( <i>N</i> = 70 507)	Self-Harm <sup>c</sup> ( <i>N</i> = 71 368)	Depressive Symptoms <sup>d</sup> ( <i>N</i> = 70 656)
SGM youth in public schools set as reference group	aOR (95% CI)	aOR (95% CI)	aOR (95% CI)	B (95% CI)
SGM youth in public schools	Ref	Ref	Ref	Ref
Non-SGM youth in public schools	0.5 (0.4–0.5)***	0.4 (0.4–0.5)***	0.4 (0.4–0.4)***	−0.61 (−0.64 to −0.58)***
Non-SGM youth in correctional facilities	0.7 (0.5–1.1)	1.6 (1.1–2.6)*	0.9 (0.6–1.2)	−0.62 (−0.87 to −0.58)***
SGM youth in correctional facilities	1.1 (0.6–1.8)	2.7 (1.6–4.7)***	1.4 (0.8–2.4)	−0.62 (−1.02 to −0.23)**
Non-SGM youth in correctional facilities set as reference group	aOR (95% CI)	aOR (95% CI)	aOR (95% CI)	B (95% CI)
Non-SGM youth in correctional facilities	Ref	Ref	Ref	Ref
Non-SGM youth in public schools	0.6 (0.4–0.9)*	0.3 (0.2–0.4)***	0.4 (0.3–0.6)***	0.02 (−0.23 to 0.27)
SGM youth in public schools	1.4 (0.9–2.0)	0.6 (0.4–0.9)*	1.2 (0.9–1.7)	0.63 (0.38–0.88)***
SGM youth in correctional facilities	1.5 (0.8–2.8)	1.7 (0.8–3.3)	1.6 (0.9–1.7)	0.03 (−0.43 to 0.49)

All models adjusted for sociodemographic covariates (age [continuous], race/ethnicity, free or reduced-priced lunch, and sex assigned at birth) and ACEs. \* *P* < .05; \*\* *P* < .01; \*\*\* *P* < .001. Ref, reference group.

<sup>a</sup> Suicidal ideation (past year) assessed by affirmative response to Have you seriously considered attempting suicide during the last year?

<sup>b</sup> Suicide attempt (past year) assessed by affirmative response to Have you ever actually attempted suicide during the last year?

<sup>c</sup> Self-harm (past year) assessed by reporting 1 or more times to During the last 12 months, how many times did you do something to purposely hurt or injure yourself without wanting to die, such as cutting, burning, or bruising yourself on purpose?

<sup>d</sup> Depressive symptoms assessed with sum score on the PHQ-2 (range 0–6).