

Appendix

Table A: Sociodemographic characteristics of suicide thoughts and attempts in the National Survey on Drug Use and Health, 2008-2009

	Suicide Thoughts				Suicide Plans				Suicide Attempts			
	%	n	OR	95% CI	%	n	OR	95% CI	%	n	OR	95% CI
Sex												
Male	3.6	35,248	0.92	0.83 - 1.01	1.0	35,248	0.94	0.79 - 1.11	0.4	35,244	0.83	0.61 - 1.12
Female	3.9	40,442	1.00		1.1	40,440	1.00		0.5	40,440	1.00	
Age												
18-25	6.5	37,989	1.00		1.9	37,988	1.00		1.2	37,986	1.00	
26-34	4.1	11,157	0.62	0.55 - 0.71	1.0	11,156	0.50	0.40 - 0.64	0.5	11,156	0.44	0.32 - 0.61
35+	3.1	26,544	0.46	0.41 - 0.51	0.8	26,544	0.43	0.35 - 0.52	0.3	26,542	0.27	0.20 - 0.37
Race/Ethnicity												
White, non-Hisp.	4.0	48,090	1.00		1.1	48,089	1.00		0.5	48,088	1.00	
Black, non-Hisp.	3.4	9,352	0.85	0.74 - 0.97	0.9	9,352	0.83	0.64 - 1.08	0.6	9,351	1.36	0.96 - 1.92
Hispanic	2.9	11,879	0.73	0.62 - 0.86	0.9	11,879	0.78	0.55 - 1.11	0.5	11,878	0.98	0.68 - 1.42
Asian/Pac. Is.	2.1	2,895	0.53	0.39 - 0.71	0.3	2,895	0.30	0.17 - 0.55	0.3	2,895	0.62	0.21 - 1.81
Other	6.4	3,474	1.66	1.14 - 2.42	1.9	3,473	1.80	1.09 - 2.97	1.1	3,472	2.44	1.28 - 4.65
Marital Status												
Married	2.3	27,046	1.00		0.6	27,046	1.00		0.2	27,046	1.00	
Previously Married	5.0	8,500	2.19	1.86 - 2.57	1.3	8,500	2.43	1.72 - 3.42	0.6	8,500	2.76	1.72 - 4.44
Never Married	5.8	40,144	2.59	2.289 - 2.94	1.8	40,142	3.18	2.54 - 3.99	0.9	40,138	4.00	2.74 - 5.83
Education												
< High school	4.0	13,036	1.00		1.2	13,036	1.00		0.7	13,036	1.00	
High school	4.1	25,120	1.03	0.89 - 1.21	1.0	25,119	0.83	0.65 - 1.05	0.5	25,117	0.74	0.55 - 0.99
Some college	4.2	21,946	1.07	0.90 - 1.27	1.2	21,945	1.01	0.76 - 1.34	0.6	21,944	0.78	0.51 - 1.21
College	2.8	15,588	0.70	0.59 - 0.83	0.7	15,588	0.57	0.42 - 0.77	0.2	15,587	0.28	0.17 - 0.48
Health Insurance												
Yes	3.5	59,294	0.69	0.60 - 0.79	1.0	59,292	0.67	0.54 - 0.83	0.4	59,290	0.58	0.42 - 0.80

No	5.0	16,396	1.00		1.4	16,396	1.00		0.8	16,394	1.00	
Psychological Distress												
Yes	22.0	11,064	17.22	15.01 - 19.76	7.4	11,063	28.57	22.26 - 36.67	3.4	11,060	24.28	17.49 - 33.70
No	1.6	64,626	1.00		0.3	64,625	1.00		0.1	64,624	1.00	
Overall Health												
Excellent	1.8	19,538	1.00		0.4	19,537	1.00		0.2	19,537	1.00	
Very Good	3.1	29,236	1.77	1.47 - 2.12	0.8	29,236	1.86	1.26 - 2.76	0.3	29,234	1.69	1.10 - 2.61
Good	4.4	19,744	2.55	2.09 - 3.11	1.2	19,744	2.87	1.73 - 4.75	0.6	19,744	2.98	1.98 - 4.48
Fair/Poor	7.5	7,159	4.46	3.56 - 5.60	2.4	7,158	5.79	3.86 - 8.68	1.1	7,156	5.30	3.14 - 8.95

Table A shows the estimated weighted percent of suicidal thoughts, plans, and attempts by sociodemographic category for the full sample, including unadjusted, bi-variable logistic regression analyses. Overall, individuals who were in the youngest age group (18-25 year olds), were never married, were without health insurance, experienced psychological distress, and had lower overall health had the greatest odds of suicide thoughts, plans, and attempts. Individuals who were white/non-Hispanic experienced more suicidal thoughts than all groups except the other race/ethnicity group, who had the highest levels. These differences between the white/non-Hispanic group and other race/ethnicity groups did not persist for suicidal plans and attempts, except that the other race/ethnicity group had higher levels of suicide thoughts, plans, and attempts and those who were Asian/Pacific Islanders had lower levels of

suicide plans. Individuals with a college degree had suicidal thoughts, plans, and attempts less often than those without a high school diploma. There were no differences based on sex.

Table B: Psychiatric treatment utilization among individuals with suicide thoughts, plans, and attempts in the National Survey on Drug Use and Health, 2008-2009						
	Suicide Thoughts		Suicide Plan		Suicide Attempt	
	%	n	%	n	%	n
Any Specialty Psychiatric Treatment	51.7	4,116	64.1	1,218	65.9	666
Any Alcohol or Drug Treatment	7.5	4,116	10.7	1,218	13.2	666
Alcohol Treatment	5.1	4,116	6.4	1,218	10.1	666
Drug Treatment	3.9	4,116	6.5	1,218	7.0	666
Any Mental Health Treatment	49.3	4,095	61.6	1,211	63.1	659
Inpatient Mental Health Treatment	8.9	4,115	21.1	1,217	32.5	665
Outpatient Mental Health Treatment	33.0	4,082	48.1	1,207	49.0	655
Psychiatric Medication Treatment	44.1	4,114	56.1	1,217	56.8	664

Table B shows the past-year specialty psychiatric treatment utilization patterns among individuals with suicide thoughts, plans, and attempts. Non-receipt of specialty psychiatric treatment was common across all non-fatal suicide categories. Mental health treatment utilization was more common than drug or alcohol treatment among individuals with past year suicide thoughts, plans, or attempts. Fewer than 9% of those with suicide thoughts and 33% who attempted suicide received inpatient mental health treatment.

