

Table 8.65C Suicidal Thoughts and Behavior and Treatment Resulting from a Suicide Attempt, Level of Mental Illness, Major Depressive Episode, and Mental Health Services in Past Year among Persons Aged 18 to 22, by College Enrollment Status: Standard Errors of Numbers in Thousands, 2018 and 2019

Past Year Mental Health Measure	Total ¹ (2018)	Total ¹ (2019)	Full-Time College Students (2018)	Full-Time College Students (2019)	Other Persons Aged 18-22 ² (2018)	Other Persons Aged 18-22 ² (2019)
SUICIDAL THOUGHTS AND BEHAVIOR AND TREATMENT FOR SUICIDE ATTEMPT³						
Had Serious Thoughts of Suicide	92	98	58	62	70	76
Made Any Suicide Plans ⁴	50	51	24	28	42	43
Attempted Suicide ⁴	39	38	15	19	33	33
Received Medical Attention for Suicide Attempt	23	23	13	10	18	20
Stayed Overnight or Longer in a Hospital for Suicide Attempt	16	17	9	7	12	16
LEVEL OF MENTAL ILLNESS⁵						
Any Mental Illness	148	197	104	138	104	117
Serious Mental Illness	70	82	45	51	54	64
Any Mental Illness Excluding Serious Mental Illness	129	157	90	107	87	95
No Mental Illness	315	353	205	245	208	208
MAJOR DEPRESSIVE EPISODE⁶	99	128	67	90	75	83
MENTAL HEALTH SERVICES⁷						
Inpatient	35	36	16	12	28	33
Outpatient	89	103	64	73	55	64
Prescription Medication	84	100	60	66	60	73

* = low precision; -- = not available; da = does not apply; nc = not comparable due to methodological changes; nr = not reported due to measurement issues.

¹ The Total column includes respondents with unknown enrollment status.

² Other Persons include respondents not enrolled in school, enrolled in college part time, enrolled in other grades either full or part time, or enrolled with no other information available.

³ Respondents with unknown suicide information were excluded.

⁴ Respondents were asked whether they made any suicide plans or attempted suicide in the past 12 months only if they had serious thoughts of suicide in the past 12 months. Respondents who had no suicide thoughts were categorized as not making any suicide plans and not attempting suicide in the past 12 months.

⁵ Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

⁶ Respondents with unknown past year Major Depressive Episode (MDE) data were excluded.

⁷ Mental Health Services for adults includes inpatient treatment/counseling, outpatient treatment/counseling, or use of prescription medication for problems with emotions, nerves, or mental health. Respondents with unknown mental health service information were excluded.

Definitions: Measures and terms are defined in Appendix A.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2018 and 2019.

Table 8.65D Suicidal Thoughts and Behavior and Treatment Resulting from a Suicide Attempt, Level of Mental Illness, Major Depressive Episode, and Mental Health Services in Past Year among Persons Aged 18 to 22, by College Enrollment Status: Standard Errors of Percentages, 2018 and 2019

Past Year Mental Health Measure	Total ¹ (2018)	Total ¹ (2019)	Full-Time College Students (2018)	Full-Time College Students (2019)	Other Persons Aged 18-22 ² (2018)	Other Persons Aged 18-22 ² (2019)
SUICIDAL THOUGHTS AND BEHAVIOR AND TREATMENT FOR SUICIDE ATTEMPT³						
Had Serious Thoughts of Suicide	0.39	0.42	0.67	0.65	0.49	0.54
Made Any Suicide Plans ⁴	0.23	0.25	0.32	0.37	0.31	0.32
Attempted Suicide ⁴	0.18	0.18	0.19	0.24	0.24	0.25
Received Medical Attention for Suicide Attempt	0.11	0.11	0.17	0.14	0.13	0.15
Stayed Overnight or Longer in a Hospital for Suicide Attempt	0.07	0.08	0.11	0.09	0.09	0.12
LEVEL OF MENTAL ILLNESS⁵						
Any Mental Illness	0.55	0.63	1.01	1.09	0.67	0.73
Serious Mental Illness	0.32	0.35	0.56	0.54	0.39	0.46
Any Mental Illness Excluding Serious Mental Illness	0.50	0.55	0.91	0.96	0.59	0.62
No Mental Illness	0.55	0.63	1.01	1.09	0.67	0.73
MAJOR DEPRESSIVE EPISODE⁶	0.42	0.50	0.73	0.86	0.52	0.58
MENTAL HEALTH SERVICES⁷						
Inpatient	0.16	0.17	0.20	0.16	0.21	0.25
Outpatient	0.39	0.41	0.73	0.70	0.40	0.47
Prescription Medication	0.36	0.42	0.68	0.72	0.42	0.53

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⁵ Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

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Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2018 and 2019.

Table 8.65P Suicidal Thoughts and Behavior and Treatment Resulting from a Suicide Attempt, Level of Mental Illness, Major Depressive Episode, and Mental Health Services in Past Year among Persons Aged 18 to 22, by College Enrollment Status: P Values from Tests of Differences of Percentages, 2019 Versus 2018

Past Year Mental Health Measure	Total ¹ (2018)	Total ¹ (2019)	Full-Time College Students (2018)	Full-Time College Students (2019)	Other Persons Aged 18-22 ² (2018)	Other Persons Aged 18-22 ² (2019)
SUICIDAL THOUGHTS AND BEHAVIOR AND TREATMENT FOR SUICIDE ATTEMPT³						
Had Serious Thoughts of Suicide	0.0636		0.5654		0.0359	
Made Any Suicide Plans ⁴	0.0982		0.2344		0.2175	
Attempted Suicide ⁴	0.3192		0.6376		0.2792	
Received Medical Attention for Suicide Attempt	0.3680		0.1054		0.8460	
Stayed Overnight or Longer in a Hospital for Suicide Attempt	0.9771		0.0928		0.2045	
LEVEL OF MENTAL ILLNESS⁵						
Any Mental Illness	0.0001		0.0039		0.0037	
Serious Mental Illness	0.0335		0.7344		0.0091	
Any Mental Illness Excluding Serious Mental Illness	0.0011		0.0032		0.1134	
No Mental Illness	0.0001		0.0039		0.0037	
MAJOR DEPRESSIVE EPISODE⁶	0.0309		0.3800		0.0261	
MENTAL HEALTH SERVICES⁷						
Inpatient	0.4344		0.3367		0.1243	
Outpatient	0.0545		0.3202		0.1149	
Prescription Medication	0.0237		0.7533		0.0072	

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⁵ Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) that are used in the comparisons are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. The mental illness estimates that are used in the comparisons are based on a predictive model and are not direct measures of diagnostic status.

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Table 8.66C Suicidal Thoughts and Behavior and Treatment Resulting from a Suicide Attempt, Level of Mental Illness, Major Depressive Episode, and Mental Health Services in Past Year among Males Aged 18 to 22, by College Enrollment Status: Standard Errors of Numbers in Thousands, 2018 and 2019

Past Year Mental Health Measure	Total ¹ (2018)	Total ¹ (2019)	Full-Time Male College Students (2018)	Full-Time Male College Students (2019)	Other Males Aged 18-22 ² (2018)	Other Males Aged 18-22 ² (2019)
SUICIDAL THOUGHTS AND BEHAVIOR AND TREATMENT FOR SUICIDE ATTEMPT³						
Had Serious Thoughts of Suicide	62	62	36	40	48	48
Made Any Suicide Plans ⁴	31	32	13	14	28	28
Attempted Suicide ⁴	25	20	9	10	22	17
Received Medical Attention for Suicide Attempt	16	13	8	4	14	12
Stayed Overnight or Longer in a Hospital for Suicide Attempt	11	11	5	3	10	11
LEVEL OF MENTAL ILLNESS⁵						
Any Mental Illness	88	107	57	71	65	72
Serious Mental Illness	40	49	24	31	32	39
Any Mental Illness Excluding Serious Mental Illness	76	86	49	54	57	60
No Mental Illness	225	228	137	153	154	148
MAJOR DEPRESSIVE EPISODE⁶	57	72	38	51	43	50
MENTAL HEALTH SERVICES⁷						
Inpatient	22	23	10	7	18	21
Outpatient	44	55	34	34	29	37
Prescription Medication	46	53	28	36	37	41

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Past Year Mental Health Measure	Total ¹ (2018)	Total ¹ (2019)	Full-Time Male College Students (2018)	Full-Time Male College Students (2019)	Other Males Aged 18-22 ² (2018)	Other Males Aged 18-22 ² (2019)
SUICIDAL THOUGHTS AND BEHAVIOR AND TREATMENT FOR SUICIDE ATTEMPT³						
Had Serious Thoughts of Suicide	0.52	0.54	0.90	1.00	0.63	0.64
Made Any Suicide Plans ⁴	0.28	0.30	0.34	0.40	0.38	0.39
Attempted Suicide ⁴	0.23	0.19	0.23	0.29	0.31	0.24
Received Medical Attention for Suicide Attempt	0.15	0.12	0.21	0.12	0.19	0.17
Stayed Overnight or Longer in a Hospital for Suicide Attempt	0.10	0.11	0.14	0.07	0.13	0.16
LEVEL OF MENTAL ILLNESS⁵						
Any Mental Illness	0.69	0.76	1.27	1.40	0.81	0.88
Serious Mental Illness	0.35	0.42	0.63	0.74	0.43	0.53
Any Mental Illness Excluding Serious Mental Illness	0.62	0.64	1.12	1.22	0.75	0.75
No Mental Illness	0.69	0.76	1.27	1.40	0.81	0.88
MAJOR DEPRESSIVE EPISODE⁶	0.49	0.58	0.93	1.13	0.58	0.67
MENTAL HEALTH SERVICES⁷						
Inpatient	0.20	0.21	0.27	0.20	0.25	0.30
Outpatient	0.39	0.47	0.86	0.80	0.40	0.52
Prescription Medication	0.40	0.48	0.71	0.95	0.50	0.55

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Table 8.66P Suicidal Thoughts and Behavior and Treatment Resulting from a Suicide Attempt, Level of Mental Illness, Major Depressive Episode, and Mental Health Services in Past Year among Males Aged 18 to 22, by College Enrollment Status: *P* Values from Tests of Differences of Percentages, 2019 Versus 2018

Past Year Mental Health Measure	Total ¹ (2018)	Total ¹ (2019)	Full-Time Male College Students (2018)	Full-Time Male College Students (2019)	Other Males Aged 18-22 ² (2018)	Other Males Aged 18-22 ² (2019)
SUICIDAL THOUGHTS AND BEHAVIOR AND TREATMENT FOR SUICIDE ATTEMPT³						
Had Serious Thoughts of Suicide	0.4918		0.6323		0.6292	
Made Any Suicide Plans ⁴	0.3456		0.4900		0.5573	
Attempted Suicide ⁴	0.2877		0.2595		0.1359	
Received Medical Attention for Suicide Attempt	0.3194		0.1928		0.6832	
Stayed Overnight or Longer in a Hospital for Suicide Attempt	0.9297		0.2552		0.6181	
LEVEL OF MENTAL ILLNESS⁵						
Any Mental Illness	0.0244		0.0306		0.2271	
Serious Mental Illness	0.2904		0.5170		0.3267	
Any Mental Illness Excluding Serious Mental Illness	0.0480		0.0377		0.4571	
No Mental Illness	0.0244		0.0306		0.2271	
MAJOR DEPRESSIVE EPISODE⁶	0.1223		0.1957		0.2855	
MENTAL HEALTH SERVICES⁷						
Inpatient	0.8126		0.5774		0.5197	
Outpatient	0.1325		0.8322		0.1058	
Prescription Medication	0.1069		0.2845		0.2270	

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Table 8.67C Suicidal Thoughts and Behavior and Treatment Resulting from a Suicide Attempt, Level of Mental Illness, Major Depressive Episode, and Mental Health Services in Past Year among Females Aged 18 to 22, by College Enrollment Status: Standard Errors of Numbers in Thousands, 2018 and 2019

Past Year Mental Health Measure	Total ¹ (2018)	Total ¹ (2019)	Full-Time Female College Students (2018)	Full-Time Female College Students (2019)	Other Females Aged 18-22 ² (2018)	Other Females Aged 18-22 ² (2019)
SUICIDAL THOUGHTS AND BEHAVIOR AND TREATMENT FOR SUICIDE ATTEMPT³						
Had Serious Thoughts of Suicide	67	72	41	42	52	57
Made Any Suicide Plans ⁴	41	41	20	25	33	34
Attempted Suicide ⁴	29	31	13	15	25	27
Received Medical Attention for Suicide Attempt	18	19	10	9	13	17
Stayed Overnight or Longer in a Hospital for Suicide Attempt	12	13	7	5	8	12
LEVEL OF MENTAL ILLNESS⁵						
Any Mental Illness	112	137	80	96	80	87
Serious Mental Illness	58	61	36	38	46	48
Any Mental Illness Excluding Serious Mental Illness	95	115	69	81	64	71
No Mental Illness	178	196	123	137	126	124
MAJOR DEPRESSIVE EPISODE⁶	83	92	57	59	61	67
MENTAL HEALTH SERVICES⁷						
Inpatient	27	28	12	10	22	26
Outpatient	69	76	51	55	46	53
Prescription Medication	69	80	52	51	50	61

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Past Year Mental Health Measure	Total ¹ (2018)	Total ¹ (2019)	Full-Time Female College Students (2018)	Full-Time Female College Students (2019)	Other Females Aged 18-22 ² (2018)	Other Females Aged 18-22 ² (2019)
SUICIDAL THOUGHTS AND BEHAVIOR AND TREATMENT FOR SUICIDE ATTEMPT³						
Had Serious Thoughts of Suicide	0.61	0.63	0.94	0.89	0.78	0.85
Made Any Suicide Plans ⁴	0.39	0.39	0.50	0.57	0.51	0.54
Attempted Suicide ⁴	0.28	0.30	0.31	0.36	0.39	0.44
Received Medical Attention for Suicide Attempt	0.17	0.19	0.26	0.22	0.21	0.28
Stayed Overnight or Longer in a Hospital for Suicide Attempt	0.11	0.13	0.18	0.13	0.13	0.20
LEVEL OF MENTAL ILLNESS⁵						
Any Mental Illness	0.86	0.90	1.46	1.46	1.06	1.13
Serious Mental Illness	0.55	0.55	0.86	0.81	0.69	0.75
Any Mental Illness Excluding Serious Mental Illness	0.76	0.84	1.31	1.40	0.91	0.99
No Mental Illness	0.86	0.90	1.46	1.46	1.06	1.13
MAJOR DEPRESSIVE EPISODE⁶	0.73	0.77	1.21	1.13	0.91	0.98
MENTAL HEALTH SERVICES⁷						
Inpatient	0.26	0.27	0.30	0.24	0.33	0.42
Outpatient	0.61	0.63	1.06	1.07	0.70	0.81
Prescription Medication	0.59	0.69	1.08	1.04	0.72	0.92

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Table 8.67P Suicidal Thoughts and Behavior and Treatment Resulting from a Suicide Attempt, Level of Mental Illness, Major Depressive Episode, and Mental Health Services in Past Year among Females Aged 18 to 22, by College Enrollment Status: *P* Values from Tests of Differences of Percentages, 2019 Versus 2018

Past Year Mental Health Measure	Total ¹ (2018)	Total ¹ (2019)	Full-Time Female College Students (2018)	Full-Time Female College Students (2019)	Other Females Aged 18-22 ² (2018)	Other Females Aged 18-22 ² (2019)
SUICIDAL THOUGHTS AND BEHAVIOR AND TREATMENT FOR SUICIDE ATTEMPT³						
Had Serious Thoughts of Suicide	0.0661		0.7852		0.0167	
Made Any Suicide Plans ⁴	0.2062		0.3436		0.2767	
Attempted Suicide ⁴	0.6354		0.8166		0.8300	
Received Medical Attention for Suicide Attempt	0.7319		0.2326		0.5527	
Stayed Overnight or Longer in a Hospital for Suicide Attempt	0.9713		0.1723		0.2098	
LEVEL OF MENTAL ILLNESS⁵						
Any Mental Illness	0.0006		0.0581		0.0027	
Serious Mental Illness	0.0749		0.8496		0.0098	
Any Mental Illness Excluding Serious Mental Illness	0.0096		0.0358		0.1215	
No Mental Illness	0.0006		0.0581		0.0027	
MAJOR DEPRESSIVE EPISODE⁶	0.1336		0.8701		0.0377	
MENTAL HEALTH SERVICES⁷						
Inpatient	0.4351		0.4274		0.1453	
Outpatient	0.2011		0.3475		0.4047	
Prescription Medication	0.1048		0.5521		0.0099	

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