

**Table 1.50A Suicide Behavior and Treatment, Level of Mental Illness, Major Depressive Episode, and Mental Health Service Use among Persons Aged 18 to 22, by College Enrollment Status: Numbers in Thousands, 2009 and 2010**

Past Year Mental Health Measure	Total <sup>1</sup> (2009)	Total <sup>1</sup> (2010)	Full-Time College Students (2009)	Full-Time College Students (2010)	Other Persons Aged 18-22 <sup>2</sup> (2009)	Other Persons Aged 18-22 <sup>2</sup> (2010)
<b>SUICIDE BEHAVIOR AND TREATMENT<sup>3</sup></b>						
Had Serious Thoughts of Suicide	1,377 <sup>a</sup>	1,601	498 <sup>a</sup>	602	879	999
Made Any Suicide Plans	471	488	134	163	337	325
Attempted Suicide	265	289	74	84	191	205
Got Medical Attention for Suicide Attempt	106	123	30	37	76	86
Stayed Overnight or Longer in a Hospital for Suicide Attempt	75	79	19	24	56	54
<b>LEVEL OF MENTAL ILLNESS<sup>4</sup></b>						
Any Mental Illness	6,605	6,904	2,814	2,891	3,791	4,011
Serious Mental Illness	1,562 <sup>a</sup>	1,788	638	756	924	1,033
Moderate Mental Illness	1,427	1,414	571	571	856	844
Mild Mental Illness	3,615	3,702	1,605	1,565	2,011	2,135
No Mental Illness	15,222	15,170	6,338	6,336	8,880	8,828
<b>MAJOR DEPRESSIVE EPISODE<sup>5</sup></b>	1,648	1,809	711	820	937	989
<b>MENTAL HEALTH SERVICE USE<sup>6</sup></b>						
Inpatient	240	256	50	61	190	194
Outpatient	1,225	1,217	608	582	618	635
Prescription Medication	1,790	1,711	727	679	1,063	1,032

\*Low precision; no estimate reported.

<sup>a</sup> Difference between estimate and 2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between estimate and 2010 estimate is statistically significant at the 0.01 level.

<sup>1</sup> Estimates in the Total column are for all persons aged 18 to 22, including those with unknown enrollment status.

<sup>2</sup> Other Persons include respondents aged 18 to 22 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.

<sup>3</sup> Suicide estimates are based only on responses to suicide items in the Mental Health module. Respondents with unknown suicide information were excluded.

<sup>4</sup> Mental Illness is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a substance use disorder, that met the criteria found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*. Three categories of mental illness severity are defined based on the level of functional impairment: mild mental illness, moderate mental illness, and serious mental illness. Any mental illness includes persons in any of the three categories. For details on the methodology, see Section B.4.3 in Appendix B of the *Results from the 2010 National Survey on Drug Use and Health: Mental Health Findings*.

<sup>5</sup> Major Depressive Episode (MDE) is defined as in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*, which specifies a period of at least 2 weeks when a person experienced a depressed mood or loss of interest or pleasure in daily activities and had a majority of specified depression symptoms. Respondents with unknown past year MDE were excluded.

<sup>6</sup> Mental Health Treatment/Counseling is defined as having received inpatient care or outpatient care or having used prescription medication for problems with emotions, nerves, or mental health. Respondents were not to include treatment for drug or alcohol use. Respondents with unknown treatment/counseling or combination of types of treatments information were excluded. Estimates were based only on responses to items in the Adult Mental Health Service Utilization module.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality (formerly the Office of Applied Studies), National Survey on Drug Use and Health, 2009 and 2010.

**Table 1.50B Suicide Behavior and Treatment, Level of Mental Illness, Major Depressive Episode, and Mental Health Service Use among Persons Aged 18 to 22, by College Enrollment Status: Percentages, 2009 and 2010**

Past Year Mental Health Measure	Total <sup>1</sup> (2009)	Total <sup>1</sup> (2010)	Full-Time College Students (2009)	Full-Time College Students (2010)	Other Persons Aged 18-22 <sup>2</sup> (2009)	Other Persons Aged 18-22 <sup>2</sup> (2010)
<b>SUICIDE BEHAVIOR AND TREATMENT<sup>3</sup></b>						
Had Serious Thoughts of Suicide	6.3 <sup>a</sup>	7.3	5.5 <sup>a</sup>	6.5	7.0	7.8
Made Any Suicide Plans	2.2	2.2	1.5	1.8	2.7	2.5
Attempted Suicide	1.2	1.3	0.8	0.9	1.5	1.6
Got Medical Attention for Suicide Attempt	0.5	0.6	0.3	0.4	0.6	0.7
Stayed Overnight or Longer in a Hospital for Suicide Attempt	0.3	0.4	0.2	0.3	0.4	0.4
<b>LEVEL OF MENTAL ILLNESS<sup>4</sup></b>						
Any Mental Illness	30.3	31.3	30.7	31.3	29.9	31.2
Serious Mental Illness	7.2 <sup>a</sup>	8.1	7.0 <sup>a</sup>	8.2	7.3	8.0
Moderate Mental Illness	6.5	6.4	6.2	6.2	6.8	6.6
Mild Mental Illness	16.6	16.8	17.5	17.0	15.9	16.6
No Mental Illness	69.7	68.7	69.3	68.7	70.1	68.8
<b>MAJOR DEPRESSIVE EPISODE<sup>5</sup></b>	7.6	8.3	7.8	8.9	7.5	7.8
<b>MENTAL HEALTH SERVICE USE<sup>6</sup></b>						
Inpatient	1.1	1.2	0.6	0.7	1.5	1.5
Outpatient	5.6	5.5	6.7	6.3	4.9	5.0
Prescription Medication	8.2	7.8	7.9	7.4	8.4	8.1

\*Low precision; no estimate reported.

<sup>a</sup> Difference between estimate and 2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between estimate and 2010 estimate is statistically significant at the 0.01 level.

<sup>1</sup> Estimates in the Total column are for all persons aged 18 to 22, including those with unknown enrollment status.

<sup>2</sup> Other Persons include respondents aged 18 to 22 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.

<sup>3</sup> Suicide estimates are based only on responses to suicide items in the Mental Health module. Respondents with unknown suicide information were excluded.

<sup>4</sup> Mental Illness is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a substance use disorder, that met the criteria found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*. Three categories of mental illness severity are defined based on the level of functional impairment: mild mental illness, moderate mental illness, and serious mental illness. Any mental illness includes persons in any of the three categories. For details on the methodology, see Section B.4.3 in Appendix B of the *Results from the 2010 National Survey on Drug Use and Health: Mental Health Findings*.

<sup>5</sup> Major Depressive Episode (MDE) is defined as in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*, which specifies a period of at least 2 weeks when a person experienced a depressed mood or loss of interest or pleasure in daily activities and had a majority of specified depression symptoms. Respondents with unknown past year MDE were excluded.

<sup>6</sup> Mental Health Treatment/Counseling is defined as having received inpatient care or outpatient care or having used prescription medication for problems with emotions, nerves, or mental health. Respondents were not to include treatment for drug or alcohol use. Respondents with unknown treatment/counseling or combination of types of treatments information were excluded. Estimates were based only on responses to items in the Adult Mental Health Service Utilization module.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality (formerly the Office of Applied Studies), National Survey on Drug Use and Health, 2009 and 2010.

**Table 1.51A Suicide Behavior and Treatment, Level of Mental Illness, Major Depressive Episode, and Mental Health Service Use among Males Aged 18 to 22, by College Enrollment Status: Numbers in Thousands, 2009 and 2010**

Past Year Mental Health Measure	Total <sup>1</sup> (2009)	Total <sup>1</sup> (2010)	Full-Time Male College Students (2009)	Full-Time Male College Students (2010)	Other Males Aged 18-22 <sup>2</sup> (2009)	Other Males Aged 18-22 <sup>2</sup> (2010)
<b>SUICIDE BEHAVIOR AND TREATMENT<sup>3</sup></b>						
Had Serious Thoughts of Suicide	560 <sup>a</sup>	709	171 <sup>a</sup>	238	389	471
Made Any Suicide Plans	180	203	35	53	145	150
Attempted Suicide	114	118	16	25	98	93
Got Medical Attention for Suicide Attempt	42	48	5	15	37	33
Stayed Overnight or Longer in a Hospital for Suicide Attempt	38	37	5	12	33	25
<b>LEVEL OF MENTAL ILLNESS<sup>4</sup></b>						
Any Mental Illness	2,740	2,866	1,068	1,095	1,672	1,770
Serious Mental Illness	528	570	159	200	369	370
Moderate Mental Illness	587	614	223	242	364	372
Mild Mental Illness	1,626	1,683	687	654	940	1,027
No Mental Illness	8,415	8,528	3,301	3,473	5,112	5,055
<b>MAJOR DEPRESSIVE EPISODE<sup>5</sup></b>	554	572	202	223	353	350
<b>MENTAL HEALTH SERVICE USE<sup>6</sup></b>						
Inpatient	115	135	16	32	99	103
Outpatient	410	428	160	181	250	246
Prescription Medication	634	629	232	242	402	387

\*Low precision; no estimate reported.

<sup>a</sup> Difference between estimate and 2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between estimate and 2010 estimate is statistically significant at the 0.01 level.

<sup>1</sup> Estimates in the Total column are for all males aged 18 to 22, including those with unknown enrollment status.

<sup>2</sup> Other Males include respondents aged 18 to 22 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.

<sup>3</sup> Suicide estimates are based only on responses to suicide items in the Mental Health module. Respondents with unknown suicide information were excluded.

<sup>4</sup> Mental Illness is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a substance use disorder, that met the criteria found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*. Three categories of mental illness severity are defined based on the level of functional impairment: mild mental illness, moderate mental illness, and serious mental illness. Any mental illness includes persons in any of the three categories. For details on the methodology, see Section B.4.3 in Appendix B of the *Results from the 2010 National Survey on Drug Use and Health: Mental Health Findings*.

<sup>5</sup> Major Depressive Episode (MDE) is defined as in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*, which specifies a period of at least 2 weeks when a person experienced a depressed mood or loss of interest or pleasure in daily activities and had a majority of specified depression symptoms. Respondents with unknown past year MDE were excluded.

<sup>6</sup> Mental Health Treatment/Counseling is defined as having received inpatient care or outpatient care or having used prescription medication for problems with emotions, nerves, or mental health. Respondents were not to include treatment for drug or alcohol use. Respondents with unknown treatment/counseling or combination of types of treatments information were excluded. Estimates were based only on responses to items in the Adult Mental Health Service Utilization module.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality (formerly the Office of Applied Studies), National Survey on Drug Use and Health, 2009 and 2010.

**Table 1.51B Suicide Behavior and Treatment, Level of Mental Illness, Major Depressive Episode, and Mental Health Service Use among Males Aged 18 to 22, by College Enrollment Status: Percentages, 2009 and 2010**

Past Year Mental Health Measure	Total <sup>1</sup> (2009)	Total <sup>1</sup> (2010)	Full-Time Male College Students (2009)	Full-Time Male College Students (2010)	Other Males Aged 18-22 <sup>2</sup> (2009)	Other Males Aged 18-22 <sup>2</sup> (2010)
<b>SUICIDE BEHAVIOR AND TREATMENT<sup>3</sup></b>						
Had Serious Thoughts of Suicide	5.0 <sup>a</sup>	6.3	3.9	5.2	5.8	6.9
Made Any Suicide Plans	1.6	1.8	0.8	1.2	2.2	2.2
Attempted Suicide	1.0	1.0	0.4	0.5	1.4	1.4
Got Medical Attention for Suicide Attempt	0.4	0.4	0.1	0.3	0.6	0.5
Stayed Overnight or Longer in a Hospital for Suicide Attempt	0.3	0.3	0.1	0.3	0.5	0.4
<b>LEVEL OF MENTAL ILLNESS<sup>4</sup></b>						
Any Mental Illness	24.6	25.2	24.4	24.0	24.7	25.9
Serious Mental Illness	4.7	5.0	3.6	4.4	5.4	5.4
Moderate Mental Illness	5.3	5.4	5.1	5.3	5.4	5.5
Mild Mental Illness	14.6	14.8	15.7	14.3	13.8	15.1
No Mental Illness	75.4	74.8	75.6	76.0	75.3	74.1
<b>MAJOR DEPRESSIVE EPISODE<sup>5</sup></b>	5.0	5.1	4.6	4.9	5.3	5.2
<b>MENTAL HEALTH SERVICE USE<sup>6</sup></b>						
Inpatient	1.0	1.2	0.4	0.7	1.5	1.5
Outpatient	3.7	3.8	3.7	4.0	3.7	3.7
Prescription Medication	5.7	5.5	5.3	5.3	6.0	5.7

\*Low precision; no estimate reported.

<sup>a</sup> Difference between estimate and 2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between estimate and 2010 estimate is statistically significant at the 0.01 level.

<sup>1</sup> Estimates in the Total column are for all males aged 18 to 22, including those with unknown enrollment status.

<sup>2</sup> Other Males include respondents aged 18 to 22 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.

<sup>3</sup> Suicide estimates are based only on responses to suicide items in the Mental Health module. Respondents with unknown suicide information were excluded.

<sup>4</sup> Mental Illness is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a substance use disorder, that met the criteria found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*. Three categories of mental illness severity are defined based on the level of functional impairment: mild mental illness, moderate mental illness, and serious mental illness. Any mental illness includes persons in any of the three categories. For details on the methodology, see Section B.4.3 in Appendix B of the *Results from the 2010 National Survey on Drug Use and Health: Mental Health Findings*.

<sup>5</sup> Major Depressive Episode (MDE) is defined as in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*, which specifies a period of at least 2 weeks when a person experienced a depressed mood or loss of interest or pleasure in daily activities and had a majority of specified depression symptoms. Respondents with unknown past year MDE were excluded.

<sup>6</sup> Mental Health Treatment/Counseling is defined as having received inpatient care or outpatient care or having used prescription medication for problems with emotions, nerves, or mental health. Respondents were not to include treatment for drug or alcohol use. Respondents with unknown treatment/counseling or combination of types of treatments information were excluded. Estimates were based only on responses to items in the Adult Mental Health Service Utilization module.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality (formerly the Office of Applied Studies), National Survey on Drug Use and Health, 2009 and 2010.

**Table 1.52A Suicide Behavior and Treatment, Level of Mental Illness, Major Depressive Episode, and Mental Health Service Use among Females Aged 18 to 22, by College Enrollment Status: Numbers in Thousands, 2009 and 2010**

Past Year Mental Health Measure	Total <sup>1</sup> (2009)	Total <sup>1</sup> (2010)	Full-Time Female College Students (2009)	Full-Time Female College Students (2010)	Other Females Aged 18-22 <sup>2</sup> (2009)	Other Females Aged 18-22 <sup>2</sup> (2010)
<b>SUICIDE BEHAVIOR AND TREATMENT<sup>3</sup></b>						
Had Serious Thoughts of Suicide	817	892	327	364	490	528
Made Any Suicide Plans	290	285	98	110	192	175
Attempted Suicide	151	171	57	59	94	112
Got Medical Attention for Suicide Attempt	64	75	25	22	39	53
Stayed Overnight or Longer in a Hospital for Suicide Attempt	37	42	14	13	23	29
<b>LEVEL OF MENTAL ILLNESS<sup>4</sup></b>						
Any Mental Illness	3,864	4,038	1,746	1,796	2,118	2,241
Serious Mental Illness	1,034 <sup>a</sup>	1,219	480	556	555	662
Moderate Mental Illness	841	800	348	329	493	471
Mild Mental Illness	1,989	2,019	918	911	1,071	1,108
No Mental Illness	6,808	6,643	3,036	2,863	3,768	3,774
<b>MAJOR DEPRESSIVE EPISODE<sup>5</sup></b>	1,093	1,236	509	597	584	640
<b>MENTAL HEALTH SERVICE USE<sup>6</sup></b>						
Inpatient	125	120	34	29	91	91
Outpatient	815	789	448	401	367	389
Prescription Medication	1,156	1,082	495	436	661	646

\*Low precision; no estimate reported.

<sup>a</sup> Difference between estimate and 2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between estimate and 2010 estimate is statistically significant at the 0.01 level.

<sup>1</sup> Estimates in the Total column are for all females aged 18 to 22, including those with unknown enrollment status.

<sup>2</sup> Other Females include respondents aged 18 to 22 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.

<sup>3</sup> Suicide estimates are based only on responses to suicide items in the Mental Health module. Respondents with unknown suicide information were excluded.

<sup>4</sup> Mental Illness is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a substance use disorder, that met the criteria found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*. Three categories of mental illness severity are defined based on the level of functional impairment: mild mental illness, moderate mental illness, and serious mental illness. Any mental illness includes persons in any of the three categories. For details on the methodology, see Section B.4.3 in Appendix B of the *Results from the 2010 National Survey on Drug Use and Health: Mental Health Findings*.

<sup>5</sup> Major Depressive Episode (MDE) is defined as in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*, which specifies a period of at least 2 weeks when a person experienced a depressed mood or loss of interest or pleasure in daily activities and had a majority of specified depression symptoms. Respondents with unknown past year MDE were excluded.

<sup>6</sup> Mental Health Treatment/Counseling is defined as having received inpatient care or outpatient care or having used prescription medication for problems with emotions, nerves, or mental health. Respondents were not to include treatment for drug or alcohol use. Respondents with unknown treatment/counseling or combination of types of treatments information were excluded. Estimates were based only on responses to items in the Adult Mental Health Service Utilization module.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality (formerly the Office of Applied Studies), National Survey on Drug Use and Health, 2009 and 2010.

**Table 1.52B Suicide Behavior and Treatment, Level of Mental Illness, Major Depressive Episode, and Mental Health Service Use among Females Aged 18 to 22, by College Enrollment Status: Percentages, 2009 and 2010**

Past Year Mental Health Measure	Total <sup>1</sup> (2009)	Total <sup>1</sup> (2010)	Full-Time Female College Students (2009)	Full-Time Female College Students (2010)	Other Females Aged 18-22 <sup>2</sup> (2009)	Other Females Aged 18-22 <sup>2</sup> (2010)
<b>SUICIDE BEHAVIOR AND TREATMENT<sup>3</sup></b>						
Had Serious Thoughts of Suicide	7.7	8.4	6.9	7.8	8.3	8.8
Made Any Suicide Plans	2.7	2.7	2.1	2.4	3.3	2.9
Attempted Suicide	1.4	1.6	1.2	1.3	1.6	1.9
Got Medical Attention for Suicide Attempt	0.6	0.7	0.5	0.5	0.7	0.9
Stayed Overnight or Longer in a Hospital for Suicide Attempt	0.3	0.4	0.3	0.3	0.4	0.5
<b>LEVEL OF MENTAL ILLNESS<sup>4</sup></b>						
Any Mental Illness	36.2	37.8	36.5	38.6	36.0	37.3
Serious Mental Illness	9.7 <sup>a</sup>	11.4	10.0	11.9	9.4	11.0
Moderate Mental Illness	7.9	7.5	7.3	7.1	8.4	7.8
Mild Mental Illness	18.6	18.9	19.2	19.6	18.2	18.4
No Mental Illness	63.8	62.2	63.5	61.4	64.0	62.7
<b>MAJOR DEPRESSIVE EPISODE<sup>5</sup></b>	10.3	11.7	10.8 <sup>a</sup>	12.9	10.0	10.8
<b>MENTAL HEALTH SERVICE USE<sup>6</sup></b>						
Inpatient	1.2	1.1	0.7	0.6	1.5	1.5
Outpatient	7.7	7.4	9.4	8.6	6.2	6.5
Prescription Medication	10.8	10.1	10.4	9.4	11.2	10.8

\*Low precision; no estimate reported.

<sup>a</sup> Difference between estimate and 2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between estimate and 2010 estimate is statistically significant at the 0.01 level.

<sup>1</sup> Estimates in the Total column are for all females aged 18 to 22, including those with unknown enrollment status.

<sup>2</sup> Other Females include respondents aged 18 to 22 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.

<sup>3</sup> Suicide estimates are based only on responses to suicide items in the Mental Health module. Respondents with unknown suicide information were excluded.

<sup>4</sup> Mental Illness is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a substance use disorder, that met the criteria found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV). Three categories of mental illness severity are defined based on the level of functional impairment: mild mental illness, moderate mental illness, and serious mental illness. Any mental illness includes persons in any of the three categories. For details on the methodology, see Section B.4.3 in Appendix B of the *Results from the 2010 National Survey on Drug Use and Health: Mental Health Findings*.

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<sup>6</sup> Mental Health Treatment/Counseling is defined as having received inpatient care or outpatient care or having used prescription medication for problems with emotions, nerves, or mental health. Respondents were not to include treatment for drug or alcohol use. Respondents with unknown treatment/counseling or combination of types of treatments information were excluded. Estimates were based only on responses to items in the Adult Mental Health Service Utilization module.

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