Table 10.2A Any Mental Illness in Past Year among Persons Aged 18 or Older, by Geographic and Socioeconomic Characteristics: Numbers in Thousands, 2008-2018

Geographic/Socioeconomic Characteristic	2008[1]	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
TOTAL	39,826[a]	41,195[a]	41,417[a]	41,381[a]	43,714[a]	43,846[a]	43,553[a]	43,421[a]	44,652[a]	46,632	47,635
GEOGRAPHIC REGION											
Northeast	7,865	7,587	7,890	6,966[a]	7,723	7,701	7,666	7,706	7,910	7,920	8,291
Midwest	9,075[a]	9,169[a]	9,369[a]	9,020[a]	9,173[a]	9,461[a]	9,436[a]	9,167[a]	8,934[a]	10,230	10,329
South	13,905[a]	14,604[a]	14,656[a]	15,362[a]	16,282	16,014	15,877[a]	16,273	16,638	16,847	16,946
West	8,980[a]	9,835[a]	9,502[a]	10,033[a]	10,536[a]	10,670[a]	10,573[a]	10,275[a]	11,169	11,634	12,068
COUNTY TYPE[2]											
Large Metro	21,077[a]	21,986[a]	21,967[a]	21,234[a]	23,221[a]	23,763[a]	23,371[a]	23,474[a]	24,038[a]	25,223	25,715
Small Metro	12,622[a]	13,011[a]	13,151[a]	13,905[a]	14,040	13,492[a]	13,260[a]	13,832[a]	14,068[a]	14,626	15,312
Nonmetro	6,127	6,198	6,299	6,243	6,452	6,591	6,922	6,114	6,546	6,782	6,608
Urbanized	2,554[a]	2,418[a]	2,500[a]	2,589	2,646	2,976	2,975	2,666	2,461[a]	2,973	3,153
Less Urbanized	2,997	3,222	3,155	3,170	3,191	3,047	3,260	2,731	3,491[a]	3,214	2,820
Completely Rural	576	558	644	484	615	568	687	717	594	596	635
POVERTY LEVEL[3]											
Less Than 100%	6,402[a]	6,955[a]	7,323[a]	8,428	9,945	9,109	9,358	8,963	8,665	8,766	9,094
100-199%	8,925[a]	8,885[a]	9,756	9,813	9,890	9,721	10,046	9,597	10,727	10,136	10,091
200% or More	24,313[a]	25,148[a]	24,187[a]	23,005[a]	23,669[a]	24,876[a]	23,969[a]	24,720[a]	25,068[a]	27,528	28,246
EDUCATION											
< High School	nc	nc	nc	nc	nc	nc	nc	5,822	5,538	5,320	5,628
High School Graduate	nc	nc	nc	nc	nc	nc	nc	10,621	10,813	10,343	11,110
Some College/Associate's Degree	nc	nc	nc	nc	nc	nc	nc	15,450[a]	15,797[a]	16,525	17,171
College Graduate	nc	nc	nc	nc	nc	nc	nc	11,528[a]	12,504[a]	14,444	13,725
HEALTH INSURANCE[4]											
Private	23,775[a]	24,949[a]	23,693[a]	22,565[a]	23,589[a]	25,011[a]	24,456[a]	24,972[a]	26,307[a]	27,933	28,245
Medicaid/CHIP	5,287[a]	5,767[a]	6,084[a]	6,664[a]	7,085[a]	7,282[a]	8,776[a]	9,147[a]	9,845	10,090	10,410
Other[5]	8,227[a]	8,587[a]	9,815[a]	9,727[a]	11,458	10,796	11,620	10,971	10,990	10,845	11,142
No Coverage	7,751[a]	7,446[a]	7,863[a]	8,095[a]	8,423[a]	7,725[a]	6,206[a]	5,235	4,636[a]	4,901	5,371

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

NOTE: Some 2008 to 2010 estimates may differ from previously published estimates due to updates (see Section 3.3.5 in Chapter 3 of the *2018 National Survey on Drug Use and Health: Methodological Summary and Definitions*).

NOTE: Any Mental Illness (AMI) 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. AMI estimates from 2008 to 2011 may differ from previously published estimates due to revised estimation procedures. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

[a] The difference between this estimate and the 2018 estimate is statistically significant at the .05 level. Rounding may make the estimates appear identical.

[1] The measures used to estimate mental illness in 2008 partially differ from the measures used in subsequent years; however, methodological analysis indicated that the estimates are comparable. For details, see Section 3.4.7 in Chapter 3 of the *2018 National Survey on Drug Use and Health: Methodological Summary and Definitions*.

[2] Because of the use of the 2013 Rural-Urban Continuum Codes in the creation of the county type variables, these 2008 to 2014 estimates may differ from estimates published prior to the 2015 NSDUH.

[3] Respondents aged 18 to 22 who were living in a college dormitory were excluded.

[4] Respondents could indicate multiple types of health insurance; thus, these response categories are not mutually exclusive.

[5] Other Health Insurance is defined as having Medicare, military-related health care, or any other type of health insurance.

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, 2008-2018.

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Table 10.2B Any Mental Illness in Past Year among Persons Aged 18 or Older, by Geographic and Socioeconomic Characteristics: Percentages, 2008-2018

Geographic/Socioeconomic Characteristic	2008[1]	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
TOTAL	17.7[a]	18.1[a]	18.1[a]	17.8[a]	18.6	18.5	18.1[a]	17.9[a]	18.3[a]	18.9	19.1
GEOGRAPHIC REGION											
Northeast	18.9	18.0	18.7	16.3[a]	18.0	17.8	17.6	17.6	18.1	18.0	18.9
Midwest	18.4[a]	18.4	18.7	18.0[a]	18.2[a]	18.6	18.5[a]	17.9[a]	17.4[a]	19.8	19.9
South	17.0	17.6	17.4	17.9	18.7	18.2	17.8	17.9	18.1	18.1	18.0
West	17.3[a]	18.8	17.9[a]	18.6	19.3	19.3	18.8[a]	18.0[a]	19.4	19.9	20.4
COUNTY TYPE[2]											
Large Metro	17.1[a]	17.8	17.4[a]	16.8[a]	18.0	18.2	17.3[a]	17.3[a]	17.6	18.2	18.6
Small Metro	18.5[a]	18.6[a]	18.8[a]	19.0[a]	19.6	18.7[a]	18.8[a]	18.7[a]	19.2[a]	20.1	20.6
Nonmetro	18.1	18.4	18.9	18.9	18.6	18.8	20.1	18.3	18.7	19.1	18.4
Urbanized	18.8	17.1	17.9	20.2	18.6	19.2	20.5	19.4	17.7	19.5	19.4
Less Urbanized	17.7	19.8[a]	19.5	18.8	19.0	19.1	19.9[a]	17.5	19.8[a]	18.7	17.2
Completely Rural	17.6	17.2	20.8	14.2	16.6	15.9	19.7	17.1	17.6	19.1	18.9
POVERTY LEVEL[3]											
Less Than 100%	25.2	25.1	24.7	25.8	26.8	26.1	25.7	24.4[a]	24.5	25.6	26.3
100-199%	21.6	20.2	20.5	20.5	21.8	20.9	21.4	19.7	21.8	20.8	20.5
200% or More	15.5[a]	16.3	16.0[a]	15.2[a]	15.6[a]	16.0[a]	15.4[a]	15.8[a]	15.7[a]	16.8	17.2
EDUCATION											
< High School	nc	nc	nc	nc	nc	nc	nc	16.9	17.2	17.3	18.2
High School Graduate	nc	nc	nc	nc	nc	nc	nc	17.2	17.7	17.3	18.0
Some College/Associate's Degree	nc	nc	nc	nc	nc	nc	nc	20.9[a]	20.8[a]	21.5	22.3
College Graduate	nc	nc	nc	nc	nc	nc	nc	15.8[a]	16.6	18.1	17.3
HEALTH INSURANCE[4]											
Private	15.3[a]	16.2[a]	15.7[a]	14.9[a]	15.4[a]	16.0[a]	15.4[a]	15.5[a]	16.0[a]	16.9	17.1
Medicaid/CHIP	28.7	29.9	28.8	28.7	30.5	30.3	29.7	27.1	28.2	27.9	28.3
Other[5]	15.9	16.3	18.1	17.4	19.5[a]	17.9	18.5[a]	16.7	16.5	16.0	16.3
No Coverage	22.8	20.5	20.4	21.3	22.3	20.8	20.9	20.4	19.9	20.9	21.8

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

NOTE: Some 2008 to 2010 estimates may differ from previously published estimates due to updates (see Section 3.3.5 in Chapter 3 of the *2018 National Survey on Drug Use and Health: Methodological Summary and Definitions*).

NOTE: Any Mental Illness (AMI) 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. AMI estimates from 2008 to 2011 may differ from previously published estimates due to revised estimation procedures. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

[a] The difference between this estimate and the 2018 estimate is statistically significant at the .05 level. Rounding may make the estimates appear identical.

[1] The measures used to estimate mental illness in 2008 partially differ from the measures used in subsequent years; however, methodological analysis indicated that the estimates are comparable. For details, see Section 3.4.7 in Chapter 3 of the *2018 National Survey on Drug Use and Health: Methodological Summary and Definitions*.

[2] Because of the use of the 2013 Rural-Urban Continuum Codes in the creation of the county type variables, these 2008 to 2014 estimates may differ from estimates published prior to the 2015 NSDUH.

[3] Respondents aged 18 to 22 who were living in a college dormitory were excluded.

[4] Respondents could indicate multiple types of health insurance; thus, these response categories are not mutually exclusive.

[5] Other Health Insurance is defined as having Medicare, military-related health care, or any other type of health insurance.

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, 2008-2018.

Table 10.4A Serious Mental Illness in Past Year among Persons Aged 18 or Older, by Geographic and Socioeconomic Characteristics: Numbers in Thousands, 2008-2018

Geographic/Socioeconomic Characteristic	2008[1]	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
TOTAL	8,331[a]	8,383[a]	9,334[a]	9,011[a]	9,570[a]	10,018[a]	9,822[a]	9,765[a]	10,360[a]	11,190	11,373
GEOGRAPHIC REGION											
Northeast	1,619	1,476	1,651	1,436[a]	1,569	1,660	1,744	1,716	1,767	1,711	1,805
Midwest	1,968[a]	2,151[a]	2,276	2,109[a]	1,983[a]	2,263	2,304	2,125[a]	2,208[a]	2,448	2,639
South	2,785[a]	2,827[a]	3,113[a]	3,108[a]	3,572	3,873	3,521[a]	3,604	3,745	4,177	4,027
West	1,959[a]	1,928[a]	2,293[a]	2,357[a]	2,445	2,221[a]	2,253[a]	2,319[a]	2,641	2,854	2,902
COUNTY TYPE[2]											
Large Metro	4,465[a]	4,344[a]	4,783[a]	4,230[a]	4,936[a]	5,093	5,141	5,108[a]	5,448	5,579	5,740
Small Metro	2,708[a]	2,618[a]	3,022[a]	3,267[a]	3,239[a]	3,057[a]	3,079[a]	3,075[a]	3,410	3,752	3,932
Nonmetro	1,158[a]	1,421	1,528	1,514	1,395	1,868	1,602	1,582	1,503	1,859	1,701
Urbanized	549	528[a]	673	634	490[a]	866	693	756	578	793	753
Less Urbanized	526[a]	716	649	748	742	843	748	667	799	947	754
Completely Rural	83	177	206	132	162	160	161	158	126	120	194
POVERTY LEVEL[3]											
Less Than 100%	1,486[a]	1,792[a]	2,075[a]	2,481	2,685	2,681	2,560	2,481	2,366	2,508	2,722
100-199%	2,046	1,993[a]	2,242	2,199	2,338	2,391	2,393	2,096	2,751	2,674	2,439
200% or More	4,764[a]	4,551[a]	4,987[a]	4,293[a]	4,503[a]	4,916[a]	4,815[a]	5,154[a]	5,180[a]	5,958	6,164
EDUCATION											
< High School	nc	nc	nc	nc	nc	nc	nc	1,237	1,147	1,266	1,218
High School Graduate	nc	nc	nc	nc	nc	nc	nc	2,238[a]	2,418	2,667	2,821
Some College/Associate's Degree	nc	nc	nc	nc	nc	nc	nc	3,964[a]	4,346	4,469	4,557
College Graduate	nc	nc	nc	nc	nc	nc	nc	2,326[a]	2,449	2,788	2,778
HEALTH INSURANCE[4]											
Private	4,502[a]	4,099[a]	4,765[a]	3,967[a]	4,106[a]	4,767[a]	4,656[a]	5,093[a]	5,334[a]	5,813	5,977
Medicaid/CHIP	1,438[a]	1,680[a]	1,694[a]	2,033[a]	1,965[a]	1,988[a]	2,434[a]	2,436[a]	2,831	2,978	2,978
Other[5]	1,706[a]	1,799[a]	2,204	1,941	2,569	2,499	2,572	2,622	2,226	2,533	2,338
No Coverage	1,678	1,710	1,909[a]	1,972[a]	2,290[a]	2,208[a]	1,556	1,202[a]	1,298	1,369	1,524

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

NOTE: Some 2008 to 2010 estimates may differ from previously published estimates due to updates (see Section 3.3.5 in Chapter 3 of the *2018 National Survey on Drug Use and Health: Methodological Summary and Definitions*).

NOTE: Serious Mental Illness (SMI) 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 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. SMI estimates from 2008 to 2011 may differ from previously published estimates due to revised estimation procedures. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

[a] The difference between this estimate and the 2018 estimate is statistically significant at the .05 level. Rounding may make the estimates appear identical.

[1] The measures used to estimate mental illness in 2008 partially differ from the measures used in subsequent years; however, methodological analysis indicated that the estimates are comparable. For details, see Section 3.4.7 in Chapter 3 of the *2018 National Survey on Drug Use and Health: Methodological Summary and Definitions*.

[2] Because of the use of the 2013 Rural-Urban Continuum Codes in the creation of the county type variables, these 2008 to 2014 estimates may differ from estimates published prior to the 2015 NSDUH.

[3] Respondents aged 18 to 22 who were living in a college dormitory were excluded.

[4] Respondents could indicate multiple types of health insurance; thus, these response categories are not mutually exclusive.

[5] Other Health Insurance is defined as having Medicare, military-related health care, or any other type of health insurance.

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, 2008-2018.

Table 10.4B Serious Mental Illness in Past Year among Persons Aged 18 or Older, by Geographic and Socioeconomic Characteristics: Percentages, 2008-2018

Geographic/Socioeconomic Characteristic	2008[1]	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
TOTAL	3.7[a]	3.7[a]	4.1[a]	3.9[a]	4.1[a]	4.2	4.1[a]	4.0[a]	4.2[a]	4.5	4.6
GEOGRAPHIC REGION											
Northeast	3.9	3.5	3.9	3.4	3.7	3.8	4.0	3.9	4.0	3.9	4.1
Midwest	4.0[a]	4.3	4.6	4.2[a]	3.9[a]	4.5	4.5	4.1[a]	4.3[a]	4.7	5.1
South	3.4[a]	3.4[a]	3.7	3.6[a]	4.1	4.4	3.9	4.0	4.1	4.5	4.3
West	3.8[a]	3.7[a]	4.3	4.4	4.5	4.0[a]	4.0[a]	4.1[a]	4.6	4.9	4.9
COUNTY TYPE[2]											
Large Metro	3.6[a]	3.5[a]	3.8	3.3[a]	3.8	3.9	3.8	3.8	4.0	4.0	4.1
Small Metro	4.0[a]	3.7[a]	4.3[a]	4.5[a]	4.5[a]	4.2[a]	4.4[a]	4.2[a]	4.6	5.1	5.3
Nonmetro	3.4[a]	4.2	4.6	4.6	4.0	5.3	4.7	4.7	4.3	5.2	4.7
Urbanized	4.0	3.7	4.8	4.9	3.4	5.6	4.8	5.5	4.2	5.2	4.6
Less Urbanized	3.1[a]	4.4	4.0	4.4	4.4	5.3	4.6	4.3	4.5	5.5	4.6
Completely Rural	2.5[a]	5.5	6.7	3.9	4.4	4.5	4.6	3.8	3.7	3.8	5.8
POVERTY LEVEL[3]											
Less Than 100%	5.9[a]	6.5[a]	7.0	7.6	7.2	7.7	7.0	6.8[a]	6.7[a]	7.3	7.9
100-199%	4.9	4.5	4.7	4.6	5.2	5.1	5.1	4.3	5.6	5.5	5.0
200% or More	3.0[a]	2.9[a]	3.3[a]	2.8[a]	3.0[a]	3.2[a]	3.1[a]	3.3[a]	3.3[a]	3.6	3.8
EDUCATION											
< High School	nc	nc	nc	nc	nc	nc	nc	3.6	3.6	4.1	3.9
High School Graduate	nc	nc	nc	nc	nc	nc	nc	3.6[a]	4.0	4.5	4.6
Some College/Associate's Degree	nc	nc	nc	nc	nc	nc	nc	5.4	5.7	5.8	5.9
College Graduate	nc	nc	nc	nc	nc	nc	nc	3.2	3.3	3.5	3.5
HEALTH INSURANCE[4]											
Private	2.9[a]	2.7[a]	3.2[a]	2.6[a]	2.7[a]	3.0[a]	2.9[a]	3.2[a]	3.2[a]	3.5	3.6
Medicaid/CHIP	7.8	8.7	8.0	8.7	8.5	8.3	8.2	7.2	8.1	8.2	8.1
Other[5]	3.3	3.4	4.1	3.5	4.4[a]	4.1	4.1	4.0	3.3	3.7	3.4
No Coverage	4.9[a]	4.7[a]	4.9[a]	5.2	6.1	5.9	5.2	4.7[a]	5.6	5.9	6.2

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

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[a] The difference between this estimate and the 2018 estimate is statistically significant at the .05 level. Rounding may make the estimates appear identical.

[1] The measures used to estimate mental illness in 2008 partially differ from the measures used in subsequent years; however, methodological analysis indicated that the estimates are comparable. For details, see Section 3.4.7 in Chapter 3 of the *2018 National Survey on Drug Use and Health: Methodological Summary and Definitions*.

[2] Because of the use of the 2013 Rural-Urban Continuum Codes in the creation of the county type variables, these 2008 to 2014 estimates may differ from estimates published prior to the 2015 NSDUH.

[3] Respondents aged 18 to 22 who were living in a college dormitory were excluded.

[4] Respondents could indicate multiple types of health insurance; thus, these response categories are not mutually exclusive.

[5] Other Health Insurance is defined as having Medicare, military-related health care, or any other type of health insurance.

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, 2008-2018.