

Table 10.2A Any Mental Illness in Past Year: Among People Aged 18 or Older; by Geographic and Socioeconomic Characteristics, Numbers in Thousands, 2008-2020

Geographic/Socioeconomic Characteristic	2008 ¹	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
TOTAL	39,826	41,195	41,417	41,381	43,714	43,846	43,553	43,421	44,652	46,632	47,635	51,495	52,859
GEOGRAPHIC REGION													
Northeast	7,865	7,587	7,890	6,966	7,723	7,701	7,666	7,706	7,910	7,920	8,291	8,608	8,383
Midwest	9,075	9,169	9,369	9,020	9,173	9,461	9,436	9,167	8,934	10,230	10,329	11,497	11,866
South	13,905	14,604	14,656	15,362	16,282	16,014	15,877	16,273	16,638	16,847	16,946	18,212	18,616
West	8,980	9,835	9,502	10,033	10,536	10,670	10,573	10,275	11,169	11,634	12,068	13,178	13,994
COUNTY TYPE²													
Large Metro	21,077	21,986	21,967	21,234	23,221	23,763	23,371	23,474	24,038	25,223	25,715	28,346	27,213
Small Metro	12,622	13,011	13,151	13,905	14,040	13,492	13,260	13,832	14,068	14,626	15,312	15,837	17,946
Nonmetro	6,127	6,198	6,299	6,243	6,452	6,591	6,922	6,114	6,546	6,782	6,608	7,312	7,699
Urbanized	2,554	2,418	2,500	2,589	2,646	2,976	2,975	2,666	2,461	2,973	3,153	3,100	3,360
Less Urbanized	2,997	3,222	3,155	3,170	3,191	3,047	3,260	2,731	3,491	3,214	2,820	3,554	3,629
Completely Rural	576	558	644	484	615	568	687	717	594	596	635	658	711
POVERTY LEVEL³													
Less Than 100%	6,402	6,955	7,323	8,428	9,945	9,109	9,358	8,963	8,665	8,766	9,094	8,646	9,810
100-199%	8,925	8,885	9,756	9,813	9,890	9,721	10,046	9,597	10,727	10,136	10,091	11,258	11,445
200% or More	24,313	25,148	24,187	23,005	23,669	24,876	23,969	24,720	25,068	27,528	28,246	31,255	31,447
EDUCATION LEVEL													
< High School	nc	nc	nc	nc	nc	nc	nc	5,822	5,538	5,320	5,628	5,505	5,552
High School Graduate	nc	nc	nc	nc	nc	nc	nc	10,621	10,813	10,343	11,110	11,705	13,170
Some College/Associate's Degree	nc	nc	nc	nc	nc	nc	nc	15,450	15,797	16,525	17,171	18,250	18,339
College Graduate	nc	nc	nc	nc	nc	nc	nc	11,528	12,504	14,444	13,725	16,034	15,798
HEALTH INSURANCE⁴													
Private	23,775	24,949	23,693	22,565	23,589	25,011	24,456	24,972	26,307	27,933	28,245	30,795	30,239
Medicaid/CHIP	5,287	5,767	6,084	6,664	7,085	7,282	8,776	9,147	9,845	10,090	10,410	11,149	12,102
Other ⁵	8,227	8,587	9,815	9,727	11,458	10,796	11,620	10,971	10,990	10,845	11,142	11,598	13,139
No Coverage	7,751	7,446	7,863	8,095	8,423	7,725	6,206	5,235	4,636	4,901	5,371	5,630	5,824

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

NOTE: Estimates in the 2020 column are italicized to indicate caution should be used when comparing estimates between 2020 and prior years because of methodological changes for 2020. Due to these changes, significance testing between 2020 and prior years was not performed. See the *2020 National Survey on Drug Use and Health: Methodological Summary and Definitions* for details.

NOTE: Estimates in this table for 2020 exclude a subset of respondents who did not complete the questionnaire. The analysis weights and estimates were adjusted for the reduced sample size. See the *2020 National Survey on Drug Use and Health: Methodological Summary and Definitions* for details.

NOTE: Some 2008 to 2010 estimates may differ from previously published estimates due to updates (see Chapter 3 of the *2020 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.

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 Chapter 3 of the *2020 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, 2008-2019, and Quarters 1 and 4, 2020.

Table 10.2B Any Mental Illness in Past Year: Among People Aged 18 or Older; by Geographic and Socioeconomic Characteristics, Percentages, 2008-2020

Geographic/Socioeconomic Characteristic	2008 ¹	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
TOTAL	17.7	18.1	18.1	17.8	18.6	18.5	18.1	17.9	18.3	18.9	19.1	20.6	<i>21.0</i>
GEOGRAPHIC REGION													
Northeast	18.9	18.0	18.7	16.3	18.0	17.8	17.6	17.6	18.1	18.0	18.9	19.7	<i>19.2</i>
Midwest	18.4	18.4	18.7	18.0	18.2	18.6	18.5	17.9	17.4	19.8	19.9	22.1	<i>22.8</i>
South	17.0	17.6	17.4	17.9	18.7	18.2	17.8	17.9	18.1	18.1	18.0	19.2	<i>19.4</i>
West	17.3	18.8	17.9	18.6	19.3	19.3	18.8	18.0	19.4	19.9	20.4	22.1	<i>23.3</i>
COUNTY TYPE²													
Large Metro	17.1	17.8	17.4	16.8	18.0	18.2	17.3	17.3	17.6	18.2	18.6	20.2	<i>19.9</i>
Small Metro	18.5	18.6	18.8	19.0	19.6	18.7	18.8	18.7	19.2	20.1	20.6	20.9	<i>23.2</i>
Nonmetro	18.1	18.4	18.9	18.9	18.6	18.8	20.1	18.3	18.7	19.1	18.4	21.2	<i>20.5</i>
Urbanized	18.8	17.1	17.9	20.2	18.6	19.2	20.5	19.4	17.7	19.5	19.4	21.6	<i>22.4</i>
Less Urbanized	17.7	19.8	19.5	18.8	19.0	19.1	19.9	17.5	19.8	18.7	17.2	22.0	<i>20.4</i>
Completely Rural	17.6	17.2	20.8	14.2	16.6	15.9	19.7	17.1	17.6	19.1	18.9	16.7	<i>15.2</i>
POVERTY LEVEL³													
Less Than 100%	25.2	25.1	24.7	25.8	26.8	26.1	25.7	24.4	24.5	25.6	26.3	26.7	<i>26.3</i>
100-199%	21.6	20.2	20.5	20.5	21.8	20.9	21.4	19.7	21.8	20.8	20.5	23.7	<i>24.9</i>
200% or More	15.5	16.3	16.0	15.2	15.6	16.0	15.4	15.8	15.7	16.8	17.2	18.5	<i>18.7</i>
EDUCATION LEVEL													
< High School	nc	nc	nc	nc	nc	nc	nc	16.9	17.2	17.3	18.2	18.3	<i>19.2</i>
High School Graduate	nc	nc	nc	nc	nc	nc	nc	17.2	17.7	17.3	18.0	19.3	<i>19.0</i>
Some College/Associate's Degree	nc	nc	nc	nc	nc	nc	nc	20.9	20.8	21.5	22.3	23.7	<i>24.0</i>
College Graduate	nc	nc	nc	nc	nc	nc	nc	15.8	16.6	18.1	17.3	19.5	<i>20.5</i>
HEALTH INSURANCE⁴													
Private	15.3	16.2	15.7	14.9	15.4	16.0	15.4	15.5	16.0	16.9	17.1	18.6	<i>19.0</i>
Medicaid/CHIP	28.7	29.9	28.8	28.7	30.5	30.3	29.7	27.1	28.2	27.9	28.3	31.2	<i>30.5</i>
Other ⁵	15.9	16.3	18.1	17.4	19.5	17.9	18.5	16.7	16.5	16.0	16.3	16.8	<i>17.6</i>
No Coverage	22.8	20.5	20.4	21.3	22.3	20.8	20.9	20.4	19.9	20.9	21.8	21.8	<i>21.3</i>

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

NOTE: Estimates in the 2020 column are italicized to indicate caution should be used when comparing estimates between 2020 and prior years because of methodological changes for 2020. Due to these changes, significance testing between 2020 and prior years was not performed. See the *2020 National Survey on Drug Use and Health: Methodological Summary and Definitions* for details.

NOTE: Estimates in this table for 2020 exclude a subset of respondents who did not complete the questionnaire. The analysis weights and estimates were adjusted for the reduced sample size. See the *2020 National Survey on Drug Use and Health: Methodological Summary and Definitions* for details.

NOTE: Some 2008 to 2010 estimates may differ from previously published estimates due to updates (see Chapter 3 of the *2020 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.

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 Chapter 3 of the *2020 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, 2008-2019, and Quarters 1 and 4, 2020.

Table 10.4A Serious Mental Illness in Past Year: Among People Aged 18 or Older; by Geographic and Socioeconomic Characteristics, Numbers in Thousands, 2008-2020

Geographic/Socioeconomic Characteristic	2008¹	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
TOTAL	8,331	8,383	9,334	9,011	9,570	10,018	9,822	9,765	10,360	11,190	11,373	13,115	<i>14,200</i>
GEOGRAPHIC REGION													
Northeast	1,619	1,476	1,651	1,436	1,569	1,660	1,744	1,716	1,767	1,711	1,805	2,062	<i>1,970</i>
Midwest	1,968	2,151	2,276	2,109	1,983	2,263	2,304	2,125	2,208	2,448	2,639	2,918	<i>3,447</i>
South	2,785	2,827	3,113	3,108	3,572	3,873	3,521	3,604	3,745	4,177	4,027	4,766	<i>5,252</i>
West	1,959	1,928	2,293	2,357	2,445	2,221	2,253	2,319	2,641	2,854	2,902	3,369	<i>3,531</i>
COUNTY TYPE²													
Large Metro	4,465	4,344	4,783	4,230	4,936	5,093	5,141	5,108	5,448	5,579	5,740	6,743	<i>6,839</i>
Small Metro	2,708	2,618	3,022	3,267	3,239	3,057	3,079	3,075	3,410	3,752	3,932	4,341	<i>5,229</i>
Nonmetro	1,158	1,421	1,528	1,514	1,395	1,868	1,602	1,582	1,503	1,859	1,701	2,031	<i>2,132</i>
Urbanized	549	528	673	634	490	866	693	756	578	793	753	889	<i>976</i>
Less Urbanized	526	716	649	748	742	843	748	667	799	947	754	938	<i>957</i>
Completely Rural	83	177	206	132	162	160	161	158	126	120	194	205	<i>199</i>
POVERTY LEVEL³													
Less Than 100%	1,486	1,792	2,075	2,481	2,685	2,681	2,560	2,481	2,366	2,508	2,722	2,590	<i>3,089</i>
100-199%	2,046	1,993	2,242	2,199	2,338	2,391	2,393	2,096	2,751	2,674	2,439	3,218	<i>3,588</i>
200% or More	4,764	4,551	4,987	4,293	4,503	4,916	4,815	5,154	5,180	5,958	6,164	7,222	<i>7,475</i>
EDUCATION LEVEL													
< High School	nc	nc	nc	nc	nc	nc	nc	1,237	1,147	1,266	1,218	1,286	<i>1,320</i>
High School Graduate	nc	nc	nc	nc	nc	nc	nc	2,238	2,418	2,667	2,821	3,100	<i>3,841</i>
Some College/Associate's Degree	nc	nc	nc	nc	nc	nc	nc	3,964	4,346	4,469	4,557	5,357	<i>5,530</i>
College Graduate	nc	nc	nc	nc	nc	nc	nc	2,326	2,449	2,788	2,778	3,372	<i>3,508</i>
HEALTH INSURANCE⁴													
Private	4,502	4,099	4,765	3,967	4,106	4,767	4,656	5,093	5,334	5,813	5,977	7,051	<i>6,967</i>
Medicaid/CHIP	1,438	1,680	1,694	2,033	1,965	1,988	2,434	2,436	2,831	2,978	2,978	3,602	<i>3,586</i>
Other ⁵	1,706	1,799	2,204	1,941	2,569	2,499	2,572	2,622	2,226	2,533	2,338	2,638	<i>3,701</i>
No Coverage	1,678	1,710	1,909	1,972	2,290	2,208	1,556	1,202	1,298	1,369	1,524	1,557	<i>1,607</i>

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

NOTE: Estimates in the 2020 column are italicized to indicate caution should be used when comparing estimates between 2020 and prior years because of methodological changes for 2020. Due to these changes, significance testing between 2020 and prior years was not performed. See the *2020 National Survey on Drug Use and Health: Methodological Summary and Definitions* for details.

NOTE: Estimates in this table for 2020 exclude a subset of respondents who did not complete the questionnaire. The analysis weights and estimates were adjusted for the reduced sample size. See the *2020 National Survey on Drug Use and Health: Methodological Summary and Definitions* for details.

NOTE: Some 2008 to 2010 estimates may differ from previously published estimates due to updates (see Chapter 3 of the *2020 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 people 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.

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 Chapter 3 of the *2020 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, 2008-2019, and Quarters 1 and 4, 2020.

Table 10.4B Serious Mental Illness in Past Year: Among People Aged 18 or Older; by Geographic and Socioeconomic Characteristics, Percentages, 2008-2020

Geographic/Socioeconomic Characteristic	2008 ¹	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
TOTAL	3.7	3.7	4.1	3.9	4.1	4.2	4.1	4.0	4.2	4.5	4.6	5.2	5.6
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	4.7	4.5
Midwest	4.0	4.3	4.6	4.2	3.9	4.5	4.5	4.1	4.3	4.7	5.1	5.6	6.6
South	3.4	3.4	3.7	3.6	4.1	4.4	3.9	4.0	4.1	4.5	4.3	5.0	5.5
West	3.8	3.7	4.3	4.4	4.5	4.0	4.0	4.1	4.6	4.9	4.9	5.7	5.9
COUNTY TYPE²													
Large Metro	3.6	3.5	3.8	3.3	3.8	3.9	3.8	3.8	4.0	4.0	4.1	4.8	5.0
Small Metro	4.0	3.7	4.3	4.5	4.5	4.2	4.4	4.2	4.6	5.1	5.3	5.7	6.8
Nonmetro	3.4	4.2	4.6	4.6	4.0	5.3	4.7	4.7	4.3	5.2	4.7	5.9	5.7
Urbanized	4.0	3.7	4.8	4.9	3.4	5.6	4.8	5.5	4.2	5.2	4.6	6.2	6.5
Less Urbanized	3.1	4.4	4.0	4.4	4.4	5.3	4.6	4.3	4.5	5.5	4.6	5.8	5.4
Completely Rural	2.5	5.5	6.7	3.9	4.4	4.5	4.6	3.8	3.7	3.8	5.8	5.2	4.3
POVERTY LEVEL³													
Less Than 100%	5.9	6.5	7.0	7.6	7.2	7.7	7.0	6.8	6.7	7.3	7.9	8.0	8.3
100-199%	4.9	4.5	4.7	4.6	5.2	5.1	5.1	4.3	5.6	5.5	5.0	6.8	7.8
200% or More	3.0	2.9	3.3	2.8	3.0	3.2	3.1	3.3	3.3	3.6	3.8	4.3	4.4
EDUCATION LEVEL													
< High School	nc	nc	nc	nc	nc	nc	nc	3.6	3.6	4.1	3.9	4.3	4.6
High School Graduate	nc	nc	nc	nc	nc	nc	nc	3.6	4.0	4.5	4.6	5.1	5.5
Some College/Associate's Degree	nc	nc	nc	nc	nc	nc	nc	5.4	5.7	5.8	5.9	7.0	7.2
College Graduate	nc	nc	nc	nc	nc	nc	nc	3.2	3.3	3.5	3.5	4.1	4.5
HEALTH INSURANCE⁴													
Private	2.9	2.7	3.2	2.6	2.7	3.0	2.9	3.2	3.2	3.5	3.6	4.3	4.4
Medicaid/CHIP	7.8	8.7	8.0	8.7	8.5	8.3	8.2	7.2	8.1	8.2	8.1	10.1	9.0
Other ⁵	3.3	3.4	4.1	3.5	4.4	4.1	4.1	4.0	3.3	3.7	3.4	3.8	5.0
No Coverage	4.9	4.7	4.9	5.2	6.1	5.9	5.2	4.7	5.6	5.9	6.2	6.0	5.9

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

NOTE: Estimates in the 2020 column are italicized to indicate caution should be used when comparing estimates between 2020 and prior years because of methodological changes for 2020. Due to these changes, significance testing between 2020 and prior years was not performed. See the *2020 National Survey on Drug Use and Health: Methodological Summary and Definitions* for details.

NOTE: Estimates in this table for 2020 exclude a subset of respondents who did not complete the questionnaire. The analysis weights and estimates were adjusted for the reduced sample size. See the *2020 National Survey on Drug Use and Health: Methodological Summary and Definitions* for details.

NOTE: Some 2008 to 2010 estimates may differ from previously published estimates due to updates (see Chapter 3 of the *2020 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 people 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.

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 Chapter 3 of the *2020 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, 2008-2019, and Quarters 1 and 4, 2020.