

**Table 10.2A Any Mental Illness in Past Year among Persons Aged 18 or Older, by Geographic and Socioeconomic Characteristics: Numbers in Thousands, 2008-2019**

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

\* = 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 *2019 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.

<sup>a</sup> The difference between this estimate and the 2019 estimate is statistically significant at the .05 level. Rounding may make the estimates appear identical.

<sup>1</sup> 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 *2019 National Survey on Drug Use and Health: Methodological Summary and Definitions*.

<sup>2</sup> 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.

<sup>3</sup> Respondents aged 18 to 22 who were living in a college dormitory were excluded.

<sup>4</sup> Respondents could indicate multiple types of health insurance; thus, these response categories are not mutually exclusive.

<sup>5</sup> 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.

**Table 10.2B Any Mental Illness in Past Year among Persons Aged 18 or Older, by Geographic and Socioeconomic Characteristics: Percentages, 2008-2019**

Geographic/Socioeconomic Characteristic	2008 <sup>1</sup>	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>TOTAL</b>	17.7 <sup>a</sup>	18.1 <sup>a</sup>	18.1 <sup>a</sup>	17.8 <sup>a</sup>	18.6 <sup>a</sup>	18.5 <sup>a</sup>	18.1 <sup>a</sup>	17.9 <sup>a</sup>	18.3 <sup>a</sup>	18.9 <sup>a</sup>	19.1 <sup>a</sup>	20.6
<b>GEOGRAPHIC REGION</b>												
Northeast	18.9	18.0	18.7	16.3 <sup>a</sup>	18.0	17.8 <sup>a</sup>	17.6 <sup>a</sup>	17.6 <sup>a</sup>	18.1	18.0	18.9	19.7
Midwest	18.4 <sup>a</sup>	18.4 <sup>a</sup>	18.7 <sup>a</sup>	18.0 <sup>a</sup>	18.2 <sup>a</sup>	18.6 <sup>a</sup>	18.5 <sup>a</sup>	17.9 <sup>a</sup>	17.4 <sup>a</sup>	19.8 <sup>a</sup>	19.9 <sup>a</sup>	22.1
South	17.0 <sup>a</sup>	17.6 <sup>a</sup>	17.4 <sup>a</sup>	17.9 <sup>a</sup>	18.7	18.2	17.8 <sup>a</sup>	17.9 <sup>a</sup>	18.1	18.1	18.0 <sup>a</sup>	19.2
West	17.3 <sup>a</sup>	18.8 <sup>a</sup>	17.9 <sup>a</sup>	18.6 <sup>a</sup>	19.3 <sup>a</sup>	19.3 <sup>a</sup>	18.8 <sup>a</sup>	18.0 <sup>a</sup>	19.4 <sup>a</sup>	19.9 <sup>a</sup>	20.4 <sup>a</sup>	22.1
<b>COUNTY TYPE<sup>2</sup></b>												
Large Metro	17.1 <sup>a</sup>	17.8 <sup>a</sup>	17.4 <sup>a</sup>	16.8 <sup>a</sup>	18.0 <sup>a</sup>	18.2 <sup>a</sup>	17.3 <sup>a</sup>	17.3 <sup>a</sup>	17.6 <sup>a</sup>	18.2 <sup>a</sup>	18.6 <sup>a</sup>	20.2
Small Metro	18.5 <sup>a</sup>	18.6 <sup>a</sup>	18.8 <sup>a</sup>	19.0 <sup>a</sup>	19.6	18.7 <sup>a</sup>	18.8 <sup>a</sup>	18.7 <sup>a</sup>	19.2 <sup>a</sup>	20.1	20.6	20.9
Nonmetro	18.1 <sup>a</sup>	18.4 <sup>a</sup>	18.9 <sup>a</sup>	18.9 <sup>a</sup>	18.6 <sup>a</sup>	18.8 <sup>a</sup>	20.1	18.3 <sup>a</sup>	18.7 <sup>a</sup>	19.1 <sup>a</sup>	18.4 <sup>a</sup>	21.2
Urbanized	18.8 <sup>a</sup>	17.1 <sup>a</sup>	17.9 <sup>a</sup>	20.2	18.6 <sup>a</sup>	19.2	20.5	19.4	17.7 <sup>a</sup>	19.5	19.4	21.6
Less Urbanized	17.7 <sup>a</sup>	19.8	19.5	18.8 <sup>a</sup>	19.0	19.1	19.9	17.5 <sup>a</sup>	19.8	18.7 <sup>a</sup>	17.2 <sup>a</sup>	22.0
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
<b>POVERTY LEVEL<sup>3</sup></b>												
Less Than 100%	25.2	25.1	24.7	25.8	26.8	26.1	25.7	24.4 <sup>a</sup>	24.5 <sup>a</sup>	25.6	26.3	26.7
100-199%	21.6 <sup>a</sup>	20.2 <sup>a</sup>	20.5 <sup>a</sup>	20.5 <sup>a</sup>	21.8	20.9 <sup>a</sup>	21.4 <sup>a</sup>	19.7 <sup>a</sup>	21.8 <sup>a</sup>	20.8 <sup>a</sup>	20.5 <sup>a</sup>	23.7
200% or More	15.5 <sup>a</sup>	16.3 <sup>a</sup>	16.0 <sup>a</sup>	15.2 <sup>a</sup>	15.6 <sup>a</sup>	16.0 <sup>a</sup>	15.4 <sup>a</sup>	15.8 <sup>a</sup>	15.7 <sup>a</sup>	16.8 <sup>a</sup>	17.2 <sup>a</sup>	18.5
<b>EDUCATION</b>												
< High School	nc	16.9	17.2	17.3	18.2	18.3						
High School Graduate	nc	17.2 <sup>a</sup>	17.7 <sup>a</sup>	17.3 <sup>a</sup>	18.0	19.3						
Some College/Associate's Degree	nc	20.9 <sup>a</sup>	20.8 <sup>a</sup>	21.5 <sup>a</sup>	22.3 <sup>a</sup>	23.7						
College Graduate	nc	15.8 <sup>a</sup>	16.6 <sup>a</sup>	18.1 <sup>a</sup>	17.3 <sup>a</sup>	19.5						
<b>HEALTH INSURANCE<sup>4</sup></b>												
Private	15.3 <sup>a</sup>	16.2 <sup>a</sup>	15.7 <sup>a</sup>	14.9 <sup>a</sup>	15.4 <sup>a</sup>	16.0 <sup>a</sup>	15.4 <sup>a</sup>	15.5 <sup>a</sup>	16.0 <sup>a</sup>	16.9 <sup>a</sup>	17.1 <sup>a</sup>	18.6
Medicaid/CHIP	28.7	29.9	28.8	28.7	30.5	30.3	29.7	27.1 <sup>a</sup>	28.2 <sup>a</sup>	27.9 <sup>a</sup>	28.3 <sup>a</sup>	31.2
Other <sup>5</sup>	15.9	16.3	18.1	17.4	19.5 <sup>a</sup>	17.9	18.5 <sup>a</sup>	16.7	16.5	16.0	16.3	16.8
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

\* = 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 *2019 National Survey on Drug Use and Health: Methodological Summary and Definitions*).

*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.

<sup>a</sup> The difference between this estimate and the 2019 estimate is statistically significant at the .05 level. Rounding may make the estimates appear identical.

<sup>1</sup> 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 *2019 National Survey on Drug Use and Health: Methodological Summary and Definitions*.

<sup>2</sup> 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.

<sup>3</sup> Respondents aged 18 to 22 who were living in a college dormitory were excluded.

<sup>4</sup> Respondents could indicate multiple types of health insurance; thus, these response categories are not mutually exclusive.

<sup>5</sup> 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.

**Table 10.4A Serious Mental Illness in Past Year among Persons Aged 18 or Older, by Geographic and Socioeconomic Characteristics: Numbers in Thousands, 2008-2019**

Geographic/Socioeconomic Characteristic	2008 <sup>1</sup>	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>TOTAL</b>	8,331 <sup>a</sup>	8,383 <sup>a</sup>	9,334 <sup>a</sup>	9,011 <sup>a</sup>	9,570 <sup>a</sup>	10,018 <sup>a</sup>	9,822 <sup>a</sup>	9,765 <sup>a</sup>	10,360 <sup>a</sup>	11,190 <sup>a</sup>	11,373 <sup>a</sup>	13,115
<b>GEOGRAPHIC REGION</b>												
Northeast	1,619 <sup>a</sup>	1,476 <sup>a</sup>	1,651 <sup>a</sup>	1,436 <sup>a</sup>	1,569 <sup>a</sup>	1,660 <sup>a</sup>	1,744	1,716	1,767	1,711	1,805	2,062
Midwest	1,968 <sup>a</sup>	2,151 <sup>a</sup>	2,276 <sup>a</sup>	2,109 <sup>a</sup>	1,983 <sup>a</sup>	2,263 <sup>a</sup>	2,304 <sup>a</sup>	2,125 <sup>a</sup>	2,208 <sup>a</sup>	2,448 <sup>a</sup>	2,639	2,918
South	2,785 <sup>a</sup>	2,827 <sup>a</sup>	3,113 <sup>a</sup>	3,108 <sup>a</sup>	3,572 <sup>a</sup>	3,873 <sup>a</sup>	3,521 <sup>a</sup>	3,604 <sup>a</sup>	3,745 <sup>a</sup>	4,177 <sup>a</sup>	4,027 <sup>a</sup>	4,766
West	1,959 <sup>a</sup>	1,928 <sup>a</sup>	2,293 <sup>a</sup>	2,357 <sup>a</sup>	2,445 <sup>a</sup>	2,221 <sup>a</sup>	2,253 <sup>a</sup>	2,319 <sup>a</sup>	2,641 <sup>a</sup>	2,854 <sup>a</sup>	2,902 <sup>a</sup>	3,369
<b>COUNTY TYPE<sup>2</sup></b>												
Large Metro	4,465 <sup>a</sup>	4,344 <sup>a</sup>	4,783 <sup>a</sup>	4,230 <sup>a</sup>	4,936 <sup>a</sup>	5,093 <sup>a</sup>	5,141 <sup>a</sup>	5,108 <sup>a</sup>	5,448 <sup>a</sup>	5,579 <sup>a</sup>	5,740 <sup>a</sup>	6,743
Small Metro	2,708 <sup>a</sup>	2,618 <sup>a</sup>	3,022 <sup>a</sup>	3,267 <sup>a</sup>	3,239 <sup>a</sup>	3,057 <sup>a</sup>	3,079 <sup>a</sup>	3,075 <sup>a</sup>	3,410 <sup>a</sup>	3,752 <sup>a</sup>	3,932	4,341
Nonmetro	1,158 <sup>a</sup>	1,421 <sup>a</sup>	1,528 <sup>a</sup>	1,514 <sup>a</sup>	1,395 <sup>a</sup>	1,868	1,602 <sup>a</sup>	1,582 <sup>a</sup>	1,503 <sup>a</sup>	1,859	1,701 <sup>a</sup>	2,031
Urbanized	549 <sup>a</sup>	528 <sup>a</sup>	673	634 <sup>a</sup>	490 <sup>a</sup>	866	693	756	578 <sup>a</sup>	793	753	889
Less Urbanized	526 <sup>a</sup>	716	649 <sup>a</sup>	748	742	843	748	667 <sup>a</sup>	799	947	754	938
Completely Rural	83 <sup>a</sup>	177	206	132	162	160	161	158	126	120	194	205
<b>POVERTY LEVEL<sup>3</sup></b>												
Less Than 100%	1,486 <sup>a</sup>	1,792 <sup>a</sup>	2,075 <sup>a</sup>	2,481	2,685	2,681	2,560	2,481	2,366	2,508	2,722	2,590
100-199%	2,046 <sup>a</sup>	1,993 <sup>a</sup>	2,242 <sup>a</sup>	2,199 <sup>a</sup>	2,338 <sup>a</sup>	2,391 <sup>a</sup>	2,393 <sup>a</sup>	2,096 <sup>a</sup>	2,751 <sup>a</sup>	2,674 <sup>a</sup>	2,439 <sup>a</sup>	3,218
200% or More	4,764 <sup>a</sup>	4,551 <sup>a</sup>	4,987 <sup>a</sup>	4,293 <sup>a</sup>	4,503 <sup>a</sup>	4,916 <sup>a</sup>	4,815 <sup>a</sup>	5,154 <sup>a</sup>	5,180 <sup>a</sup>	5,958 <sup>a</sup>	6,164 <sup>a</sup>	7,222
<b>EDUCATION</b>												
< High School	nc	nc	nc	nc	nc	nc	nc	1,237	1,147	1,266	1,218	1,286
High School Graduate	nc	nc	nc	nc	nc	nc	nc	2,238 <sup>a</sup>	2,418 <sup>a</sup>	2,667	2,821	3,100
Some College/Associate's Degree	nc	nc	nc	nc	nc	nc	nc	3,964 <sup>a</sup>	4,346 <sup>a</sup>	4,469 <sup>a</sup>	4,557 <sup>a</sup>	5,357
College Graduate	nc	nc	nc	nc	nc	nc	nc	2,326 <sup>a</sup>	2,449 <sup>a</sup>	2,788 <sup>a</sup>	2,778 <sup>a</sup>	3,372
<b>HEALTH INSURANCE<sup>4</sup></b>												
Private	4,502 <sup>a</sup>	4,099 <sup>a</sup>	4,765 <sup>a</sup>	3,967 <sup>a</sup>	4,106 <sup>a</sup>	4,767 <sup>a</sup>	4,656 <sup>a</sup>	5,093 <sup>a</sup>	5,334 <sup>a</sup>	5,813 <sup>a</sup>	5,977 <sup>a</sup>	7,051
Medicaid/CHIP	1,438 <sup>a</sup>	1,680 <sup>a</sup>	1,694 <sup>a</sup>	2,033 <sup>a</sup>	1,965 <sup>a</sup>	1,988 <sup>a</sup>	2,434 <sup>a</sup>	2,436 <sup>a</sup>	2,831 <sup>a</sup>	2,978 <sup>a</sup>	2,978 <sup>a</sup>	3,602
Other <sup>5</sup>	1,706 <sup>a</sup>	1,799 <sup>a</sup>	2,204	1,941 <sup>a</sup>	2,569	2,499	2,572	2,622	2,226	2,533	2,338	2,638
No Coverage	1,678	1,710	1,909 <sup>a</sup>	1,972 <sup>a</sup>	2,290 <sup>a</sup>	2,208 <sup>a</sup>	1,556	1,202 <sup>a</sup>	1,298	1,369	1,524	1,557

\* = 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 *2019 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.

<sup>a</sup> The difference between this estimate and the 2019 estimate is statistically significant at the .05 level. Rounding may make the estimates appear identical.

<sup>1</sup> 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 *2019 National Survey on Drug Use and Health: Methodological Summary and Definitions*.

<sup>2</sup> 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.

<sup>3</sup> Respondents aged 18 to 22 who were living in a college dormitory were excluded.

<sup>4</sup> Respondents could indicate multiple types of health insurance; thus, these response categories are not mutually exclusive.

<sup>5</sup> 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.

**Table 10.4B Serious Mental Illness in Past Year among Persons Aged 18 or Older, by Geographic and Socioeconomic Characteristics: Percentages, 2008-2019**

Geographic/Socioeconomic Characteristic	2008 <sup>1</sup>	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>TOTAL</b>	3.7 <sup>a</sup>	3.7 <sup>a</sup>	4.1 <sup>a</sup>	3.9 <sup>a</sup>	4.1 <sup>a</sup>	4.2 <sup>a</sup>	4.1 <sup>a</sup>	4.0 <sup>a</sup>	4.2 <sup>a</sup>	4.5 <sup>a</sup>	4.6 <sup>a</sup>	5.2
<b>GEOGRAPHIC REGION</b>												
Northeast	3.9	3.5 <sup>a</sup>	3.9	3.4 <sup>a</sup>	3.7 <sup>a</sup>	3.8	4.0	3.9	4.0	3.9 <sup>a</sup>	4.1	4.7
Midwest	4.0 <sup>a</sup>	4.3 <sup>a</sup>	4.6 <sup>a</sup>	4.2 <sup>a</sup>	3.9 <sup>a</sup>	4.5 <sup>a</sup>	4.5 <sup>a</sup>	4.1 <sup>a</sup>	4.3 <sup>a</sup>	4.7 <sup>a</sup>	5.1	5.6
South	3.4 <sup>a</sup>	3.4 <sup>a</sup>	3.7 <sup>a</sup>	3.6 <sup>a</sup>	4.1 <sup>a</sup>	4.4	3.9 <sup>a</sup>	4.0 <sup>a</sup>	4.1 <sup>a</sup>	4.5	4.3 <sup>a</sup>	5.0
West	3.8 <sup>a</sup>	3.7 <sup>a</sup>	4.3 <sup>a</sup>	4.4 <sup>a</sup>	4.5 <sup>a</sup>	4.0 <sup>a</sup>	4.0 <sup>a</sup>	4.1 <sup>a</sup>	4.6 <sup>a</sup>	4.9	4.9	5.7
<b>COUNTY TYPE<sup>2</sup></b>												
Large Metro	3.6 <sup>a</sup>	3.5 <sup>a</sup>	3.8 <sup>a</sup>	3.3 <sup>a</sup>	3.8 <sup>a</sup>	3.9 <sup>a</sup>	3.8 <sup>a</sup>	3.8 <sup>a</sup>	4.0 <sup>a</sup>	4.0 <sup>a</sup>	4.1 <sup>a</sup>	4.8
Small Metro	4.0 <sup>a</sup>	3.7 <sup>a</sup>	4.3 <sup>a</sup>	4.5 <sup>a</sup>	4.5 <sup>a</sup>	4.2 <sup>a</sup>	4.4 <sup>a</sup>	4.2 <sup>a</sup>	4.6 <sup>a</sup>	5.1	5.3	5.7
Nonmetro	3.4 <sup>a</sup>	4.2 <sup>a</sup>	4.6 <sup>a</sup>	4.6 <sup>a</sup>	4.0 <sup>a</sup>	5.3	4.7 <sup>a</sup>	4.7 <sup>a</sup>	4.3 <sup>a</sup>	5.2	4.7 <sup>a</sup>	5.9
Urbanized	4.0 <sup>a</sup>	3.7 <sup>a</sup>	4.8	4.9	3.4 <sup>a</sup>	5.6	4.8 <sup>a</sup>	5.5	4.2 <sup>a</sup>	5.2	4.6 <sup>a</sup>	6.2
Less Urbanized	3.1 <sup>a</sup>	4.4 <sup>a</sup>	4.0 <sup>a</sup>	4.4 <sup>a</sup>	4.4	5.3	4.6	4.3 <sup>a</sup>	4.5 <sup>a</sup>	5.5	4.6	5.8
Completely Rural	2.5 <sup>a</sup>	5.5	6.7	3.9	4.4	4.5	4.6	3.8	3.7	3.8	5.8	5.2
<b>POVERTY LEVEL<sup>3</sup></b>												
Less Than 100%	5.9 <sup>a</sup>	6.5 <sup>a</sup>	7.0	7.6	7.2	7.7	7.0	6.8 <sup>a</sup>	6.7 <sup>a</sup>	7.3	7.9	8.0
100-199%	4.9 <sup>a</sup>	4.5 <sup>a</sup>	4.7 <sup>a</sup>	4.6 <sup>a</sup>	5.2 <sup>a</sup>	5.1 <sup>a</sup>	5.1 <sup>a</sup>	4.3 <sup>a</sup>	5.6 <sup>a</sup>	5.5 <sup>a</sup>	5.0 <sup>a</sup>	6.8
200% or More	3.0 <sup>a</sup>	2.9 <sup>a</sup>	3.3 <sup>a</sup>	2.8 <sup>a</sup>	3.0 <sup>a</sup>	3.2 <sup>a</sup>	3.1 <sup>a</sup>	3.3 <sup>a</sup>	3.3 <sup>a</sup>	3.6 <sup>a</sup>	3.8 <sup>a</sup>	4.3
<b>EDUCATION</b>												
< High School	nc	nc	nc	nc	nc	nc	nc	3.6	3.6	4.1	3.9	4.3
High School Graduate	nc	nc	nc	nc	nc	nc	nc	3.6 <sup>a</sup>	4.0 <sup>a</sup>	4.5	4.6	5.1
Some College/Associate's Degree	nc	nc	nc	nc	nc	nc	nc	5.4 <sup>a</sup>	5.7 <sup>a</sup>	5.8 <sup>a</sup>	5.9 <sup>a</sup>	7.0
College Graduate	nc	nc	nc	nc	nc	nc	nc	3.2 <sup>a</sup>	3.3 <sup>a</sup>	3.5 <sup>a</sup>	3.5 <sup>a</sup>	4.1
<b>HEALTH INSURANCE<sup>4</sup></b>												
Private	2.9 <sup>a</sup>	2.7 <sup>a</sup>	3.2 <sup>a</sup>	2.6 <sup>a</sup>	2.7 <sup>a</sup>	3.0 <sup>a</sup>	2.9 <sup>a</sup>	3.2 <sup>a</sup>	3.2 <sup>a</sup>	3.5 <sup>a</sup>	3.6 <sup>a</sup>	4.3
Medicaid/CHIP	7.8 <sup>a</sup>	8.7	8.0 <sup>a</sup>	8.7	8.5 <sup>a</sup>	8.3 <sup>a</sup>	8.2 <sup>a</sup>	7.2 <sup>a</sup>	8.1 <sup>a</sup>	8.2 <sup>a</sup>	8.1 <sup>a</sup>	10.1
Other <sup>5</sup>	3.3	3.4	4.1	3.5	4.4	4.1	4.1	4.0	3.3	3.7	3.4	3.8
No Coverage	4.9 <sup>a</sup>	4.7 <sup>a</sup>	4.9 <sup>a</sup>	5.2	6.1	5.9	5.2	4.7 <sup>a</sup>	5.6	5.9	6.2	6.0

\* = 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 *2019 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.

<sup>a</sup> The difference between this estimate and the 2019 estimate is statistically significant at the .05 level. Rounding may make the estimates appear identical.

<sup>1</sup> 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 *2019 National Survey on Drug Use and Health: Methodological Summary and Definitions*.

<sup>2</sup> 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.

<sup>3</sup> Respondents aged 18 to 22 who were living in a college dormitory were excluded.

<sup>4</sup> Respondents could indicate multiple types of health insurance; thus, these response categories are not mutually exclusive.

<sup>5</sup> 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.