

**Table 8.28C Perceived Unmet Need for Mental Health Services in Past Year among Persons Aged 18 or Older, by Receipt of Past Year Mental Health Services and Geographic and Socioeconomic Characteristics: Standard Errors of Numbers in Thousands, 2017 and 2018**

Geographic/Socioeconomic Characteristic	Total <sup>1</sup>		MENTAL HEALTH SERVICES <sup>2</sup>			
			Received		Not Received	
	2017	2018	2017	2018	2017	2018
<b>TOTAL</b>	338	322	239	252	232	212
<b>GEOGRAPHIC REGION</b>						
Northeast	121	142	87	110	91	77
Midwest	144	148	104	106	95	98
South	189	191	149	140	124	132
West	178	165	123	137	124	115
<b>COUNTY TYPE</b>						
Large Metro	289	261	189	185	196	178
Small Metro	175	190	129	149	107	102
Nonmetro	106	117	79	86	64	64
Urbanized	64	79	48	54	38	50
Less Urbanized	81	77	58	60	51	38
Completely Rural	28	39	24	31	13	17
<b>POVERTY LEVEL<sup>3</sup></b>						
Less Than 100%	141	152	100	119	90	80
100-199%	140	145	112	106	91	97
200% or More	273	257	177	193	185	169
<b>EDUCATION</b>						
< High School	96	106	72	91	62	56
High School Graduate	129	135	95	94	84	91
Some College/Associate's Degree	197	209	139	159	131	126
College Graduate	204	195	140	146	139	135
<b>HEALTH INSURANCE<sup>4</sup></b>						
Private	273	262	180	190	181	169
Medicaid/CHIP	149	150	117	123	88	88
Other <sup>5</sup>	154	153	123	132	90	82
No Coverage	93	108	61	74	70	80

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

NOTE: Perception of unmet need was asked of all respondents regardless of their mental health. Respondents with unknown perception of unmet need information were excluded.

<sup>1</sup> The Total column includes respondents with unknown mental health services information.

<sup>2</sup> 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.

<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, 2017 and 2018.

**Table 8.28D Perceived Unmet Need for Mental Health Services in Past Year among Persons Aged 18 or Older, by Receipt of Past Year Mental Health Services and Geographic and Socioeconomic Characteristics: Standard Errors of Percentages, 2017 and 2018**

Geographic/Socioeconomic Characteristic	Total <sup>1</sup>		MENTAL HEALTH SERVICES <sup>2</sup>			
			Received		Not Received	
	2017	2018	2017	2018	2017	2018
<b>TOTAL</b>	0.14	0.13	0.61	0.62	0.11	0.10
<b>GEOGRAPHIC REGION</b>						
Northeast	0.28	0.33	1.16	1.41	0.24	0.22
Midwest	0.28	0.29	1.13	1.07	0.22	0.23
South	0.20	0.20	1.10	1.05	0.15	0.16
West	0.31	0.28	1.34	1.40	0.24	0.23
<b>COUNTY TYPE</b>						
Large Metro	0.20	0.18	0.89	0.88	0.16	0.15
Small Metro	0.22	0.24	0.99	1.03	0.17	0.16
Nonmetro	0.27	0.30	1.35	1.37	0.21	0.20
Urbanized	0.38	0.44	1.87	1.86	0.29	0.34
Less Urbanized	0.40	0.42	1.98	2.22	0.32	0.26
Completely Rural	0.85	1.04	3.97	4.53	0.49	0.56
<b>POVERTY LEVEL<sup>3</sup></b>						
Less Than 100%	0.38	0.41	1.52	1.71	0.30	0.27
100-199%	0.28	0.29	1.47	1.53	0.22	0.22
200% or More	0.16	0.15	0.70	0.71	0.13	0.12
<b>EDUCATION</b>						
< High School	0.32	0.34	2.02	2.58	0.23	0.21
High School Graduate	0.21	0.22	1.25	1.23	0.16	0.17
Some College/Associate's Degree	0.25	0.26	0.99	1.10	0.20	0.19
College Graduate	0.25	0.23	0.96	1.00	0.21	0.20
<b>HEALTH INSURANCE<sup>4</sup></b>						
Private	0.16	0.15	0.70	0.70	0.13	0.12
Medicaid/CHIP	0.39	0.41	1.39	1.57	0.31	0.30
Other <sup>5</sup>	0.23	0.23	1.17	1.19	0.16	0.14
No Coverage	0.39	0.44	2.84	3.01	0.33	0.35

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

NOTE: Perception of unmet need was asked of all respondents regardless of their mental health. Respondents with unknown perception of unmet need information were excluded.

<sup>1</sup> The Total column includes respondents with unknown mental health services information.

<sup>2</sup> 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.

<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, 2017 and 2018.

**Table 8.28P Perceived Unmet Need for Mental Health Services in Past Year among Persons Aged 18 or Older, by Receipt of Past Year Mental Health Services and Geographic and Socioeconomic Characteristics: P Values from Tests of Differences of Percentages, 2018 Versus 2017**

Geographic/Socioeconomic Characteristic	Total <sup>1</sup>		MENTAL HEALTH SERVICES <sup>2</sup>			
			Received		Not Received	
	2017	2018	2017	2018	2017	2018
<b>TOTAL</b>	0.1438		0.4515		0.2307	
<b>GEOGRAPHIC REGION</b>						
Northeast	0.4120		0.3152		0.5490	
Midwest	0.2414		0.5855		0.3316	
South	0.3971		0.8706		0.0583	
West	0.8134		0.6184		0.9021	
<b>COUNTY TYPE</b>						
Large Metro	0.2505		0.8530		0.1033	
Small Metro	0.6060		0.6259		0.8648	
Nonmetro	0.3783		0.2949		0.7592	
Urbanized	0.2756		0.8407		0.3976	
Less Urbanized	1.0000		0.1790		0.1106	
Completely Rural	0.4753		0.7790		0.4176	
<b>POVERTY LEVEL<sup>3</sup></b>						
Less Than 100%	0.4414		0.1140		0.6536	
100-199%	0.4111		0.8407		0.0249	
200% or More	0.3529		0.7558		0.6881	
<b>EDUCATION</b>						
< High School	0.7441		0.2731		0.5196	
High School Graduate	0.4235		0.5888		0.3245	
Some College/Associate's Degree	0.1390		0.3537		0.3196	
College Graduate	0.6845		0.5493		0.4307	
<b>HEALTH INSURANCE<sup>4</sup></b>						
Private	0.4430		0.9042		0.4834	
Medicaid/CHIP	0.6781		0.0688		0.8960	
Other <sup>5</sup>	0.7722		0.6245		0.6393	
No Coverage	0.0310		0.0216		0.2014	

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

NOTE: Perception of unmet need was asked of all respondents regardless of their mental health. Respondents with unknown perception of unmet need information were excluded.

<sup>1</sup> The Total column includes respondents with unknown mental health services information.

<sup>2</sup> 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.

<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, 2017 and 2018.

**Table 8.30C Perceived Unmet Need for Mental Health Services in Past Year among Persons Aged 18 or Older with Past Year Any Mental Illness, by Receipt of Past Year Mental Health Services and Geographic and Socioeconomic Characteristics: Standard Errors of Numbers in Thousands, 2017 and 2018**

Geographic/Socioeconomic Characteristic	Total <sup>1</sup>		MENTAL HEALTH SERVICES <sup>2</sup>			
			Received		Not Received	
	2017	2018	2017	2018	2017	2018
<b>TOTAL</b>	303	296	219	227	196	177
<b>GEOGRAPHIC REGION</b>						
Northeast	116	120	81	95	83	63
Midwest	132	129	99	96	75	79
South	166	173	138	124	101	111
West	165	159	107	131	110	94
<b>COUNTY TYPE</b>						
Large Metro	251	227	171	166	164	146
Small Metro	158	171	118	137	95	83
Nonmetro	99	100	77	74	55	58
Urbanized	59	67	45	46	33	44
Less Urbanized	74	67	57	54	43	35
Completely Rural	28	36	*	*	*	*
<b>POVERTY LEVEL<sup>3</sup></b>						
Less Than 100%	118	137	91	109	70	72
100-199%	131	127	106	98	81	81
200% or More	234	219	161	168	157	140
<b>EDUCATION</b>						
< High School	84	90	69	78	46	48
High School Graduate	116	124	84	87	74	81
Some College/Associate's Degree	176	186	129	146	115	113
College Graduate	181	160	128	124	121	103
<b>HEALTH INSURANCE<sup>4</sup></b>						
Private	233	222	159	171	150	134
Medicaid/CHIP	135	139	110	119	78	77
Other <sup>5</sup>	140	127	117	109	78	67
No Coverage	87	98	59	72	65	69

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

NOTE: Perception of unmet need was asked of all respondents regardless of their mental health. Respondents with unknown perception of unmet need information were excluded.

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. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

<sup>1</sup> The Total column includes respondents with unknown mental health services information.

<sup>2</sup> 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.

<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, 2017 and 2018.

**Table 8.30D Perceived Unmet Need for Mental Health Services in Past Year among Persons Aged 18 or Older with Past Year Any Mental Illness, by Receipt of Past Year Mental Health Services and Geographic and Socioeconomic Characteristics: Standard Errors of Percentages, 2017 and 2018**

Geographic/Socioeconomic Characteristic	Total <sup>1</sup>		MENTAL HEALTH SERVICES <sup>2</sup>			
			Received		Not Received	
	2017	2018	2017	2018	2017	2018
<b>TOTAL</b>	0.58	0.54	0.96	0.93	0.65	0.63
<b>GEOGRAPHIC REGION</b>						
Northeast	1.36	1.31	2.03	2.14	1.68	1.42
Midwest	1.13	1.07	1.78	1.70	1.23	1.38
South	0.90	0.89	1.70	1.57	0.95	1.05
West	1.29	1.16	2.04	2.12	1.38	1.27
<b>COUNTY TYPE</b>						
Large Metro	0.87	0.76	1.46	1.32	0.96	0.93
Small Metro	0.90	0.92	1.48	1.56	1.01	0.95
Nonmetro	1.22	1.29	2.07	2.10	1.41	1.49
Urbanized	1.74	1.74	3.14	3.02	1.87	2.19
Less Urbanized	1.73	1.96	2.92	3.28	2.15	2.19
Completely Rural	3.49	4.43	*	*	*	*
<b>POVERTY LEVEL<sup>3</sup></b>						
Less Than 100%	1.18	1.31	2.04	2.17	1.33	1.37
100-199%	1.15	1.15	2.08	2.14	1.24	1.22
200% or More	0.76	0.69	1.20	1.13	0.88	0.85
<b>EDUCATION</b>						
< High School	1.54	1.53	3.10	3.43	1.37	1.27
High School Graduate	1.06	1.06	1.97	1.85	1.13	1.14
Some College/Associate's Degree	0.89	0.94	1.41	1.51	1.07	1.11
College Graduate	1.14	1.03	1.65	1.65	1.36	1.35
<b>HEALTH INSURANCE<sup>4</sup></b>						
Private	0.76	0.69	1.18	1.15	0.84	0.83
Medicaid/CHIP	1.17	1.21	1.89	2.03	1.42	1.33
Other <sup>5</sup>	1.19	1.08	2.03	1.91	1.30	1.09
No Coverage	1.56	1.62	3.71	3.55	1.71	1.69

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

NOTE: Perception of unmet need was asked of all respondents regardless of their mental health. Respondents with unknown perception of unmet need information were excluded.

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. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

<sup>1</sup> The Total column includes respondents with unknown mental health services information.

<sup>2</sup> 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.

<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, 2017 and 2018.

**Table 8.30P Perceived Unmet Need for Mental Health Services in Past Year among Persons Aged 18 or Older with Past Year Any Mental Illness, by Receipt of Past Year Mental Health Services and Geographic and Socioeconomic Characteristics: *P* Values from Tests of Differences of Percentages, 2018 Versus 2017**

Geographic/Socioeconomic Characteristic	Total <sup>1</sup>		MENTAL HEALTH SERVICES <sup>2</sup>			
			Received		Not Received	
	2017	2018	2017	2018	2017	2018
<b>TOTAL</b>	0.8630		0.7658		0.9389	
<b>GEOGRAPHIC REGION</b>						
Northeast	0.3971		0.6324		0.0410	
Midwest	0.5204		0.8224		0.4920	
South	0.5890		0.3661		0.0582	
West	0.4851		0.9186		0.2835	
<b>COUNTY TYPE</b>						
Large Metro	0.5981		0.1699		0.6978	
Small Metro	0.8502		0.5008		0.2398	
Nonmetro	0.2885		0.2965		0.6184	
Urbanized	0.5452		0.6983		0.6011	
Less Urbanized	0.3662		0.2466		0.9752	
Completely Rural	0.6251		*		*	
<b>POVERTY LEVEL<sup>3</sup></b>						
Less Than 100%	0.4415		0.3307		0.8294	
100-199%	0.9624		0.7954		0.7590	
200% or More	0.4729		0.3638		0.6328	
<b>EDUCATION</b>						
< High School	0.7477		0.6866		0.5625	
High School Graduate	0.8052		0.9955		0.7175	
Some College/Associate's Degree	0.6447		0.4170		0.8661	
College Graduate	0.5627		0.1379		0.6469	
<b>HEALTH INSURANCE<sup>4</sup></b>						
Private	0.6567		0.3241		0.9432	
Medicaid/CHIP	0.8171		0.3205		0.3766	
Other <sup>5</sup>	0.3796		0.8233		0.4465	
No Coverage	0.1219		0.0647		0.6197	

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

NOTE: Perception of unmet need was asked of all respondents regardless of their mental health. Respondents with unknown perception of unmet need information were excluded.

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. The mental illness estimates that are used in the comparisons are based on a predictive model and are not direct measures of diagnostic status.

<sup>1</sup> The Total column includes respondents with unknown mental health services information.

<sup>2</sup> 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.

<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, 2017 and 2018.

**Table 8.32C Perceived Unmet Need for Mental Health Services in Past Year among Persons Aged 18 or Older with Past Year Serious Mental Illness, by Receipt of Past Year Mental Health Services and Geographic and Socioeconomic Characteristics: Standard Errors of Numbers in Thousands, 2017 and 2018**

Geographic/Socioeconomic Characteristic	Total <sup>1</sup>		MENTAL HEALTH SERVICES <sup>2</sup>			
			Received		Not Received	
	2017	2018	2017	2018	2017	2018
<b>TOTAL</b>	192	181	159	151	99	106
<b>GEOGRAPHIC REGION</b>						
Northeast	70	77	57	67	36	33
Midwest	77	88	67	73	37	52
South	114	105	101	86	55	62
West	104	97	76	77	60	59
<b>COUNTY TYPE</b>						
Large Metro	146	133	117	102	77	82
Small Metro	107	107	87	97	54	50
Nonmetro	74	70	65	55	33	39
Urbanized	38	41	31	30	*	*
Less Urbanized	56	53	49	43	*	*
Completely Rural	*	*	*	*	*	*
<b>POVERTY LEVEL<sup>3</sup></b>						
Less Than 100%	82	97	71	84	39	45
100-199%	87	83	80	70	43	49
200% or More	144	129	113	104	77	81
<b>EDUCATION</b>						
< High School	51	56	47	60	20	*
High School Graduate	78	90	61	65	47	56
Some College/Associate's Degree	116	118	95	102	59	63
College Graduate	112	89	92	70	59	58
<b>HEALTH INSURANCE<sup>4</sup></b>						
Private	140	126	112	100	73	78
Medicaid/CHIP	91	98	83	90	36	41
Other <sup>5</sup>	94	83	88	76	*	31
No Coverage	62	76	43	60	43	47

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

NOTE: Perception of unmet need was asked of all respondents regardless of their mental health. Respondents with unknown perception of unmet need information were excluded.

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.

These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

<sup>1</sup> The Total column includes respondents with unknown mental health services information.

<sup>2</sup> 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.

<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.

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**Table 8.32D Perceived Unmet Need for Mental Health Services in Past Year among Persons Aged 18 or Older with Past Year Serious Mental Illness, by Receipt of Past Year Mental Health Services and Geographic and Socioeconomic Characteristics: Standard Errors of Percentages, 2017 and 2018**

Geographic/Socioeconomic Characteristic	Total <sup>1</sup>		MENTAL HEALTH SERVICES <sup>2</sup>			
			Received		Not Received	
	2017	2018	2017	2018	2017	2018
<b>TOTAL</b>	1.33	1.31	1.67	1.71	2.19	2.04
<b>GEOGRAPHIC REGION</b>						
Northeast	3.34	3.46	4.06	4.44	5.80	4.55
Midwest	2.59	2.53	3.18	3.16	3.88	3.87
South	2.15	2.30	2.86	2.86	3.29	3.66
West	2.88	2.48	3.36	3.34	4.85	3.92
<b>COUNTY TYPE</b>						
Large Metro	1.98	1.86	2.50	2.41	3.29	2.87
Small Metro	2.01	2.13	2.42	2.83	3.56	3.35
Nonmetro	3.04	3.19	3.95	4.11	4.77	5.26
Urbanized	4.46	4.68	5.51	5.75	*	*
Less Urbanized	3.99	4.54	5.17	5.65	*	*
Completely Rural	*	*	*	*	*	*
<b>POVERTY LEVEL<sup>3</sup></b>						
Less Than 100%	2.63	2.86	3.38	3.57	4.23	4.32
100-199%	2.50	2.75	3.27	3.53	4.13	4.27
200% or More	1.83	1.74	2.26	2.23	3.07	2.75
<b>EDUCATION</b>						
< High School	3.40	4.10	4.83	5.88	3.95	*
High School Graduate	2.50	2.74	3.23	3.54	3.76	3.87
Some College/Associate's Degree	1.96	1.94	2.37	2.48	3.59	3.16
College Graduate	2.78	2.67	3.36	3.19	5.11	4.69
<b>HEALTH INSURANCE<sup>4</sup></b>						
Private	1.82	1.74	2.17	2.22	3.07	2.79
Medicaid/CHIP	2.42	2.57	2.91	3.20	4.25	4.13
Other <sup>5</sup>	3.04	3.17	3.44	3.73	*	5.15
No Coverage	3.28	3.45	5.30	4.13	4.21	4.92

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

NOTE: Perception of unmet need was asked of all respondents regardless of their mental health. Respondents with unknown perception of unmet need information were excluded.

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.

These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

<sup>1</sup> The Total column includes respondents with unknown mental health services information.

<sup>2</sup> 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.

<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, 2017 and 2018.

**Table 8.32P Perceived Unmet Need for Mental Health Services in Past Year among Persons Aged 18 or Older with Past Year Serious Mental Illness, by Receipt of Past Year Mental Health Services and Geographic and Socioeconomic Characteristics: P Values from Tests of Differences of Percentages, 2018 Versus 2017**

Geographic/Socioeconomic Characteristic	Total <sup>1</sup>		MENTAL HEALTH SERVICES <sup>2</sup>			
			Received		Not Received	
	2017	2018	2017	2018	2017	2018
<b>TOTAL</b>	0.5968		0.8322		0.4764	
<b>GEOGRAPHIC REGION</b>						
Northeast	0.8947		0.6634		0.4432	
Midwest	0.1147		0.5419		0.0332	
South	0.8180		0.3340		0.2533	
West	0.9913		0.5002		0.3370	
<b>COUNTY TYPE</b>						
Large Metro	0.6139		0.5210		0.0776	
Small Metro	0.7122		0.6164		0.1473	
Nonmetro	0.3936		0.3736		0.8538	
Urbanized	0.5264		0.7081		*	
Less Urbanized	0.2605		0.0718		*	
Completely Rural	*		*		*	
<b>POVERTY LEVEL<sup>3</sup></b>						
Less Than 100%	0.7696		0.6675		0.9943	
100-199%	0.9763		0.6343		0.6245	
200% or More	0.6162		0.8755		0.2421	
<b>EDUCATION</b>						
< High School	0.3227		0.8317		*	
High School Graduate	0.8326		0.4151		0.3337	
Some College/Associate's Degree	0.0865		0.1257		0.3915	
College Graduate	0.0833		0.0264		0.8141	
<b>HEALTH INSURANCE<sup>4</sup></b>						
Private	0.8059		0.3559		0.3557	
Medicaid/CHIP	0.8701		0.4868		0.4723	
Other <sup>5</sup>	0.8520		0.5964		*	
No Coverage	0.0118		0.0387		0.1534	

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

NOTE: Perception of unmet need was asked of all respondents regardless of their mental health. Respondents with unknown perception of unmet need information were excluded.

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 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.

<sup>1</sup> The Total column includes respondents with unknown mental health services information.

<sup>2</sup> 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.

<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, 2017 and 2018.