

**Table 10.23C Perceived Unmet Need for Mental Health Services in Past Year among Persons Aged 18 or Older, by Past Year Level of Mental Illness and Age Group: Standard Errors of Numbers in Thousands, 2008-2019**

Level of Mental Illness/Age Group	2008 <sup>1</sup>	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>ANY MENTAL ILLNESS</b>	296	328	322	298	318	320	252	245	259	303	296	320
18-25	75	69	74	77	81	77	84	87	97	110	111	129
26 or Older	288	321	312	286	306	308	244	234	231	279	269	281
26-49	222	230	211	224	232	220	172	173	171	189	197	210
50 or Older	181	209	227	179	205	207	172	164	170	190	176	180
<b>SERIOUS MENTAL ILLNESS</b>	199	205	226	204	200	207	174	150	178	192	181	218
18-25	40	37	45	50	42	45	53	52	64	71	71	80
26 or Older	194	202	221	195	195	202	169	145	165	181	164	202
26-49	138	148	152	148	153	157	121	113	116	127	129	134
50 or Older	144	131	158	124	132	124	117	94	118	119	104	142

\* = 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: 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: 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.

NOTE: Mental Illness 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 serious mental illness (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. Mental illness 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>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*.

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 10.23D Perceived Unmet Need for Mental Health Services in Past Year among Persons Aged 18 or Older, by Past Year Level of Mental Illness and Age Group: Standard Errors of Percentages, 2008-2019**

Level of Mental Illness/Age Group	2008 <sup>1</sup>	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>ANY MENTAL ILLNESS</b>	0.66	0.70	0.70	0.66	0.63	0.65	0.52	0.52	0.52	0.58	0.54	0.57
18-25	0.97	0.94	0.93	0.93	0.91	0.93	0.99	0.95	0.95	0.96	0.90	0.99
26 or Older	0.76	0.81	0.80	0.75	0.72	0.75	0.59	0.60	0.57	0.67	0.62	0.63
26-49	0.92	0.93	0.90	0.95	0.94	0.93	0.73	0.74	0.71	0.74	0.71	0.70
50 or Older	1.32	1.40	1.44	1.13	1.15	1.21	0.96	1.01	0.99	1.15	1.06	1.07
<b>SERIOUS MENTAL ILLNESS</b>	1.84	1.81	1.81	1.72	1.69	1.80	1.45	1.31	1.44	1.33	1.31	1.26
18-25	2.31	2.32	2.27	2.35	2.13	2.08	2.12	2.00	2.06	1.79	1.71	1.62
26 or Older	2.13	2.07	2.09	1.95	1.96	2.06	1.68	1.53	1.67	1.62	1.58	1.52
26-49	2.26	2.20	2.20	2.13	2.28	2.35	1.82	1.79	1.67	1.60	1.66	1.46
50 or Older	4.63	4.42	4.29	3.75	3.41	3.49	2.93	2.64	3.33	3.27	3.33	3.47

\* = 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: 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: 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.

NOTE: Mental Illness 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 serious mental illness (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. Mental illness 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>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*.

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 10.23P Perceived Unmet Need for Mental Health Services in Past Year among Persons Aged 18 or Older, by Past Year Level of Mental Illness and Age Group: *P* Values from Tests of Differences of Percentages, 2019 Versus 2008-2018**

Level of Mental Illness/Age Group	2008 <sup>1</sup>	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>ANY MENTAL ILLNESS</b>	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0060	0.0017	
18-25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0395	
26 or Older	0.0003	0.1224	0.0037	0.0010	0.0020	0.0000	0.0003	0.0000	0.0000	0.1260	0.0136	
26-49	0.0001	0.0065	0.0000	0.0050	0.0025	0.0000	0.0000	0.0000	0.0000	0.0007	0.0068	
50 or Older	0.2185	0.6267	0.4634	0.2251	0.6491	0.4082	0.7662	0.5594	0.2663	0.1693	0.6541	
<b>SERIOUS MENTAL ILLNESS</b>	0.0774	0.5249	0.0102	0.0330	0.0039	0.0000	0.0123	0.0000	0.0001	0.0579	0.1550	
18-25	0.0000	0.0003	0.0008	0.0083	0.0000	0.0000	0.0008	0.0000	0.0010	0.0065	0.2001	
26 or Older	0.7453	0.4658	0.1965	0.3406	0.1743	0.0060	0.2159	0.0004	0.0020	0.2085	0.2267	
26-49	0.2976	0.5399	0.2068	0.3473	0.5979	0.0595	0.3566	0.0615	0.0004	0.2590	0.2716	
50 or Older	0.5898	0.6634	0.6689	0.8117	0.3096	0.1048	0.7905	0.0081	0.3374	0.5912	0.5007	

\* = 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 that are used in the comparisons 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: 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: 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.

NOTE: Mental Illness 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 serious mental illness (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. Mental illness estimates from 2008 to 2011 that are used in the comparisons may differ from previously published estimates due to revised estimation procedures. 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 measures used to estimate mental illness in 2008 partially differ from the measures used in subsequent years; however, methodological analysis indicated that the estimates that are used in the comparisons 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*.

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 10.25C Receipt of Mental Health Services in Past Year among Persons Aged 18 or Older with Past Year Any Mental Illness and a Perceived Unmet Need for Mental Health Services in Past Year, by Age Group: Standard Errors of Numbers in Thousands, 2008-2019**

<b>Receipt of Mental Health Services/Age Group</b>	<b>2008<sup>1</sup></b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
<b>RECEIVED MENTAL HEALTH SERVICES</b>	219	236	269	219	244	261	198	195	199	219	227	248
18-25	49	45	48	48	52	51	56	57	68	75	68	82
26 or Older	215	232	263	213	237	255	195	192	185	207	214	229
26-49	156	171	174	161	168	171	125	134	128	138	146	156
50 or Older	153	154	189	146	170	174	151	135	140	149	152	156
<b>DID NOT RECEIVE MENTAL HEALTH SERVICES</b>	179	210	186	191	203	180	164	152	154	196	177	195
18-25	54	53	52	54	58	54	61	65	63	76	83	91
26 or Older	171	201	177	182	196	171	150	138	138	178	157	165
26-49	148	145	119	152	159	132	119	102	108	126	130	143
50 or Older	87	137	129	98	111	112	86	96	89	121	92	101

\* = 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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NOTE: 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.

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.

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 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*.

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Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008-2019.

**Table 10.25D Receipt of Mental Health Services in Past Year among Persons Aged 18 or Older with Past Year Any Mental Illness and a Perceived Unmet Need for Mental Health Services in Past Year, by Age Group: Standard Errors of Percentages, 2008-2019**

Receipt of Mental Health Services/Age Group	2008 <sup>1</sup>	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>RECEIVED MENTAL HEALTH SERVICES</b>	1.65	1.66	1.82	1.65	1.72	1.77	1.43	1.38	1.29	1.28	1.22	1.14
18-25	1.92	1.98	1.85	1.86	1.96	1.92	2.01	1.94	1.78	1.66	1.53	1.42
26 or Older	2.05	1.99	2.21	2.03	2.12	2.18	1.72	1.73	1.64	1.67	1.61	1.46
26-49	2.17	2.05	2.16	2.23	2.28	2.25	1.87	1.71	1.69	1.70	1.68	1.52
50 or Older	5.05	5.05	4.88	4.49	4.38	4.70	3.19	4.00	3.71	3.80	3.76	3.88
<b>DID NOT RECEIVE MENTAL HEALTH SERVICES</b>	1.65	1.66	1.82	1.65	1.72	1.77	1.43	1.38	1.29	1.28	1.22	1.14
18-25	1.92	1.98	1.85	1.86	1.96	1.92	2.01	1.94	1.78	1.66	1.53	1.42
26 or Older	2.05	1.99	2.21	2.03	2.12	2.18	1.72	1.73	1.64	1.67	1.61	1.46
26-49	2.17	2.05	2.16	2.23	2.28	2.25	1.87	1.71	1.69	1.70	1.68	1.52
50 or Older	5.05	5.05	4.88	4.49	4.38	4.70	3.19	4.00	3.71	3.80	3.76	3.88

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<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*.

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**Table 10.25P Receipt of Mental Health Services in Past Year among Persons Aged 18 or Older with Past Year Any Mental Illness and a Perceived Unmet Need for Mental Health Services in Past Year, by Age Group: P Values from Tests of Differences of Percentages, 2019 Versus 2008-2018**

Receipt of Mental Health Services/Age Group	2008 <sup>1</sup>	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>RECEIVED MENTAL HEALTH SERVICES</b>	0.4053	0.5744	0.0872	0.4002	0.4265	0.0656	0.0602	0.0976	0.4650	0.5501	0.7179	
18-25	0.3696	0.1426	0.7678	0.7894	0.6495	0.9618	0.2249	0.8623	0.4232	0.2134	0.5679	
26 or Older	0.5590	0.3477	0.2677	0.7460	0.9365	0.1722	0.3198	0.1916	0.8580	0.2017	0.8539	
26-49	0.6775	0.7621	0.0369	0.8114	0.5888	0.1397	0.6280	0.3208	0.7998	0.4789	0.4631	
50 or Older	0.6428	0.2231	0.3930	0.5350	0.7040	0.9657	0.2712	0.6733	0.8707	0.1361	0.7255	
<b>DID NOT RECEIVE MENTAL HEALTH SERVICES</b>	0.4053	0.5744	0.0872	0.4002	0.4265	0.0656	0.0602	0.0976	0.4650	0.5501	0.7179	
18-25	0.3696	0.1426	0.7678	0.7894	0.6495	0.9618	0.2249	0.8623	0.4232	0.2134	0.5679	
26 or Older	0.5590	0.3477	0.2677	0.7460	0.9365	0.1722	0.3198	0.1916	0.8580	0.2017	0.8539	
26-49	0.6775	0.7621	0.0369	0.8114	0.5888	0.1397	0.6280	0.3208	0.7998	0.4789	0.4631	
50 or Older	0.6428	0.2231	0.3930	0.5350	0.7040	0.9657	0.2712	0.6733	0.8707	0.1361	0.7255	

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Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008-2019.

**Table 10.26C Receipt of Mental Health Services in Past Year among Persons Aged 18 or Older with Past Year Serious Mental Illness and a Perceived Unmet Need for Mental Health Services in Past Year, by Age Group: Standard Errors of Numbers in Thousands, 2008-2019**

Receipt of Mental Health Services/Age Group	2008 <sup>1</sup>	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>RECEIVED MENTAL HEALTH SERVICES</b>	168	180	200	164	164	162	148	131	147	159	151	179
18-25	27	27	34	36	33	35	39	38	47	54	49	55
26 or Older	165	178	196	159	160	159	144	128	138	151	140	169
26-49	115	122	126	115	124	120	91	94	96	101	105	110
50 or Older	*	*	*	*	*	*	110	*	*	109	*	126
<b>DID NOT RECEIVE MENTAL HEALTH SERVICES</b>	102	96	100	112	124	122	99	76	88	99	106	115
18-25	29	26	29	29	28	31	36	36	39	45	50	56
26 or Older	96	91	95	108	122	119	91	68	81	88	91	102
26-49	74	83	77	86	99	96	73	59	59	71	76	80
50 or Older	*	*	*	*	*	*	52	*	*	51	*	64

\* = 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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**Table 10.26D Receipt of Mental Health Services in Past Year among Persons Aged 18 or Older with Past Year Serious Mental Illness and a Perceived Unmet Need for Mental Health Services in Past Year, by Age Group: Standard Errors of Percentages, 2008-2019**

Receipt of Mental Health Services/Age Group	2008 <sup>1</sup>	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>RECEIVED MENTAL HEALTH SERVICES</b>	2.39	2.21	2.32	2.31	2.57	2.49	2.01	1.81	1.78	1.67	1.74	1.50
18-25	3.21	3.28	3.12	3.01	3.11	3.11	2.95	3.05	2.65	2.41	2.26	2.18
26 or Older	2.74	2.46	2.68	2.78	3.10	3.06	2.33	2.13	2.23	2.10	2.19	1.93
26-49	2.93	2.88	2.86	3.00	3.44	3.41	2.52	2.33	2.34	2.24	2.33	2.02
50 or Older	*	*	*	*	*	*	4.32	*	*	4.76	*	4.83
<b>DID NOT RECEIVE MENTAL HEALTH SERVICES</b>	2.39	2.21	2.32	2.31	2.57	2.49	2.01	1.81	1.78	1.67	1.74	1.50
18-25	3.21	3.28	3.12	3.01	3.11	3.11	2.95	3.05	2.65	2.41	2.26	2.18
26 or Older	2.74	2.46	2.68	2.78	3.10	3.06	2.33	2.13	2.23	2.10	2.19	1.93
26-49	2.93	2.88	2.86	3.00	3.44	3.41	2.52	2.33	2.34	2.24	2.33	2.02
50 or Older	*	*	*	*	*	*	4.32	*	*	4.76	*	4.83

\* = 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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**Table 10.26P Receipt of Mental Health Services in Past Year among Persons Aged 18 or Older with Past Year Serious Mental Illness and a Perceived Unmet Need for Mental Health Services in Past Year, by Age Group: P Values from Tests of Differences of Percentages, 2019 Versus 2008-2018**

Receipt of Mental Health Services/Age Group	2008 <sup>1</sup>	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>RECEIVED MENTAL HEALTH SERVICES</b>	0.3312	0.2451	0.0749	0.6979	0.6551	0.9649	0.5914	0.3472	0.7599	0.9163	0.1517	
18-25	0.1305	0.2750	0.8195	0.9353	0.7145	0.9097	0.4812	0.9667	0.7612	0.4589	0.2049	
26 or Older	0.4726	0.5106	0.2390	0.8771	0.2870	0.6925	0.8910	0.4986	0.7168	0.8182	0.3439	
26-49	0.2073	0.8062	0.1479	0.6085	0.2735	0.5560	0.4941	0.6914	0.9866	0.8572	0.4945	
50 or Older	*	*	*	*	*	*	0.9664	*	*	0.8049	*	
<b>DID NOT RECEIVE MENTAL HEALTH SERVICES</b>	0.3312	0.2451	0.0749	0.6979	0.6551	0.9649	0.5914	0.3472	0.7599	0.9163	0.1517	
18-25	0.1305	0.2750	0.8195	0.9353	0.7145	0.9097	0.4812	0.9667	0.7612	0.4589	0.2049	
26 or Older	0.4726	0.5106	0.2390	0.8771	0.2870	0.6925	0.8910	0.4986	0.7168	0.8182	0.3439	
26-49	0.2073	0.8062	0.1479	0.6085	0.2735	0.5560	0.4941	0.6914	0.9866	0.8572	0.4945	
50 or Older	*	*	*	*	*	*	0.9664	*	*	0.8049	*	

\* = 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 that are used in the comparisons 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: 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.

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. SMI estimates from 2008 to 2011 that are used in the comparisons may differ from previously published estimates due to revised estimation procedures. The mental illness estimates that are used in the comparisons are based on a predictive model and are not direct measures of diagnostic status.

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 measures used to estimate mental illness in 2008 partially differ from the measures used in subsequent years; however, methodological analysis indicated that the estimates that are used in the comparisons 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*.

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.