

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, 2008-2018

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

* = 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: 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.

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*.

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 10.23D 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, 2008-2018

Level of Mental Illness/Age Group	2008 ¹	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ANY MENTAL ILLNESS	0.66	0.70	0.70	0.66	0.63	0.65	0.52	0.52	0.52	0.58	0.54
18-25	0.97	0.94	0.93	0.93	0.91	0.93	0.99	0.95	0.95	0.96	0.90
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
26-49	0.92	0.93	0.90	0.95	0.94	0.93	0.73	0.74	0.71	0.74	0.71
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
SERIOUS MENTAL ILLNESS	1.84	1.81	1.81	1.72	1.69	1.80	1.45	1.31	1.44	1.33	1.31
18-25	2.31	2.32	2.27	2.35	2.13	2.08	2.12	2.00	2.06	1.79	1.71
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
26-49	2.26	2.20	2.20	2.13	2.28	2.35	1.82	1.79	1.67	1.60	1.66
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

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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: 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.

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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 10.23P 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, 2018 Versus 2008-2017**

Level of Mental Illness/Age Group	2008 ¹	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
ANY MENTAL ILLNESS	0.0004	0.0948	0.0034	0.0006	0.0008	0.0000	0.0003	0.0000	0.0002	0.8630	
18-25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0485	
26 or Older	0.1361	0.5840	0.4130	0.2574	0.3839	0.0083	0.2260	0.0313	0.0178	0.4184	
26-49	0.0763	0.6473	0.0145	0.5634	0.4350	0.0019	0.0447	0.0065	0.0217	0.4241	
50 or Older	0.4057	0.3786	0.2615	0.4367	0.9851	0.6854	0.4488	0.8984	0.5090	0.0606	
SERIOUS MENTAL ILLNESS	0.5368	0.6070	0.1623	0.3539	0.0966	0.0037	0.2611	0.0002	0.0065	0.5968	
18-25	0.0010	0.0122	0.0258	0.1220	0.0005	0.0031	0.0341	0.0005	0.0308	0.1534	
26 or Older	0.5015	0.0841	0.7890	0.9120	0.7699	0.0889	0.9576	0.0157	0.0530	0.9410	
26-49	0.8868	0.1436	0.7357	0.9937	0.7283	0.3282	0.9164	0.4353	0.0233	0.9877	
50 or Older	0.2658	0.3054	0.8726	0.6884	0.7190	0.3244	0.6427	0.0432	0.7495	0.8921	

* = 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 *2018 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.

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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 10.25C 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, 2008-2018

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

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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.

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Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008-2018.

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, 2008-2018

Receipt of Mental Health Services/Age Group	2008¹	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
RECEIVED MENTAL HEALTH SERVICES	1.65	1.66	1.82	1.65	1.72	1.77	1.43	1.38	1.29	1.28	1.22
18-25	1.92	1.98	1.85	1.86	1.96	1.92	2.01	1.94	1.78	1.66	1.53
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
26-49	2.17	2.05	2.16	2.23	2.28	2.25	1.87	1.71	1.69	1.70	1.68
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
DID NOT RECEIVE MENTAL HEALTH SERVICES	1.65	1.66	1.82	1.65	1.72	1.77	1.43	1.38	1.29	1.28	1.22
18-25	1.92	1.98	1.85	1.86	1.96	1.92	2.01	1.94	1.78	1.66	1.53
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
26-49	2.17	2.05	2.16	2.23	2.28	2.25	1.87	1.71	1.69	1.70	1.68
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

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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, 2018 Versus 2008-2017

Receipt of Mental Health Services/Age Group	2008 ¹	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
RECEIVED MENTAL HEALTH SERVICES	0.2693	0.7954	0.0514	0.2653	0.2885	0.0375	0.0271	0.0571	0.2871	0.8149	
18-25	0.6839	0.3314	0.4443	0.8287	0.3658	0.6068	0.1019	0.5318	0.1903	0.0893	
26 or Older	0.4745	0.4527	0.2235	0.6420	0.8217	0.1426	0.2482	0.1705	0.7307	0.2967	
26-49	0.3164	0.7404	0.0090	0.7195	0.9528	0.0440	0.8396	0.1139	0.6573	0.9938	
50 or Older	0.8670	0.1253	0.2412	0.7610	0.9554	0.7856	0.4421	0.9325	0.8478	0.0700	
DID NOT RECEIVE MENTAL HEALTH SERVICES	0.2693	0.7954	0.0514	0.2653	0.2885	0.0375	0.0271	0.0571	0.2871	0.8149	
18-25	0.6839	0.3314	0.4443	0.8287	0.3658	0.6068	0.1019	0.5318	0.1903	0.0893	
26 or Older	0.4745	0.4527	0.2235	0.6420	0.8217	0.1426	0.2482	0.1705	0.7307	0.2967	
26-49	0.3164	0.7404	0.0090	0.7195	0.9528	0.0440	0.8396	0.1139	0.6573	0.9938	
50 or Older	0.8670	0.1253	0.2412	0.7610	0.9554	0.7856	0.4421	0.9325	0.8478	0.0700	

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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, 2008-2018

Receipt of Mental Health Services/Age Group	2008¹	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
RECEIVED MENTAL HEALTH SERVICES	168	180	200	164	164	162	148	131	147	159	151
18-25	27	27	34	36	33	35	39	38	47	54	49
26 or Older	165	178	196	159	160	159	144	128	138	151	140
26-49	115	122	126	115	124	120	91	94	96	101	105
50 or Older	*	*	*	*	*	*	110	*	*	109	*
DID NOT RECEIVE MENTAL HEALTH SERVICES	102	96	100	112	124	122	99	76	88	99	106
18-25	29	26	29	29	28	31	36	36	39	45	50
26 or Older	96	91	95	108	122	119	91	68	81	88	91
26-49	74	83	77	86	99	96	73	59	59	71	76
50 or Older	*	*	*	*	*	*	52	*	*	51	*

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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, 2008-2018

Receipt of Mental Health Services/Age Group	2008 ¹	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
RECEIVED MENTAL HEALTH SERVICES	2.39	2.21	2.32	2.31	2.57	2.49	2.01	1.81	1.78	1.67	1.74
18-25	3.21	3.28	3.12	3.01	3.11	3.11	2.95	3.05	2.65	2.41	2.26
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
26-49	2.93	2.88	2.86	3.00	3.44	3.41	2.52	2.33	2.34	2.24	2.33
50 or Older	*	*	*	*	*	*	4.32	*	*	4.76	*
DID NOT RECEIVE MENTAL HEALTH SERVICES	2.39	2.21	2.32	2.31	2.57	2.49	2.01	1.81	1.78	1.67	1.74
18-25	3.21	3.28	3.12	3.01	3.11	3.11	2.95	3.05	2.65	2.41	2.26
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
26-49	2.93	2.88	2.86	3.00	3.44	3.41	2.52	2.33	2.34	2.24	2.33
50 or Older	*	*	*	*	*	*	4.32	*	*	4.76	*

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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, 2018 Versus 2008-2017

Receipt of Mental Health Services/Age Group	2008 ¹	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
RECEIVED MENTAL HEALTH SERVICES	0.0428	0.0239	0.0049	0.1356	0.5354	0.2661	0.0820	0.0344	0.3260	0.1492	
18-25	0.5994	0.9001	0.2259	0.3534	0.1778	0.3815	0.0967	0.3491	0.4274	0.0566	
26 or Older	0.1432	0.1463	0.0562	0.5321	0.7621	0.7286	0.4622	0.1322	0.6032	0.4903	
26-49	0.0788	0.7400	0.0524	0.9494	0.5833	0.2838	0.9851	0.3137	0.5480	0.6250	
50 or Older	*	*	*	*	*	*	*	*	*	*	
DID NOT RECEIVE MENTAL HEALTH SERVICES	0.0428	0.0239	0.0049	0.1356	0.5354	0.2661	0.0820	0.0344	0.3260	0.1492	
18-25	0.5994	0.9001	0.2259	0.3534	0.1778	0.3815	0.0967	0.3491	0.4274	0.0566	
26 or Older	0.1432	0.1463	0.0562	0.5321	0.7621	0.7286	0.4622	0.1322	0.6032	0.4903	
26-49	0.0788	0.7400	0.0524	0.9494	0.5833	0.2838	0.9851	0.3137	0.5480	0.6250	
50 or Older	*	*	*	*	*	*	*	*	*	*	

* = 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 *2018 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.

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 that are used in the comparisons 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*.

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.