

**Table 10.22C Perceived Unmet Need for Mental Health Services in Past Year among Persons Aged 18 or Older, by Demographic Characteristics: Standard Errors of Numbers in Thousands, 2002-2018**

Demographic Characteristics	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>TOTAL</b>	330	317	348	360	328	330	322	373	358	338	354	356	292	281	291	338	322
<b>AGE GROUP</b>																	
18-25	75	76	75	73	77	75	84	79	80	85	79	85	95	95	105	114	115
26 or Older	317	311	335	347	317	320	310	364	347	322	341	343	277	263	262	308	297
26-49	251	236	250	230	233	238	234	245	234	246	238	244	188	181	182	200	205
50 or Older	202	186	204	243	216	209	206	268	247	196	241	227	198	189	194	214	207
<b>GENDER</b>																	
Male	206	181	211	237	211	192	208	213	193	185	200	200	169	167	172	187	177
Female	255	262	254	259	254	269	249	294	289	279	285	288	227	224	229	263	273
<b>HISPANIC ORIGIN AND RACE</b>																	
Not Hispanic or Latino	314	296	326	327	314	303	304	348	320	323	329	311	272	266	267	316	296
White	270	280	286	263	275	283	290	311	305	280	297	279	253	249	248	300	281
Black or African American	171	101	134	190	115	102	116	165	101	102	131	118	103	90	88	84	90
AIAN	30	13	11	23	14	14	19	21	22	34	42	19	13	24	15	17	19
NHOPI	15	9	*	*	*	*	8	11	5	8	7	16	7	9	5	*	11
Asian	36	42	40	41	60	44	47	74	42	72	55	41	53	50	58	63	51
Two or More Races	44	43	50	33	81	52	37	38	40	76	54	48	44	48	36	46	37
Hispanic or Latino	108	116	106	142	105	123	115	120	156	101	118	172	96	104	111	98	132

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

NOTE: Some 2006 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.

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, 2002-2018.

**Table 10.22D Perceived Unmet Need for Mental Health Services in Past Year among Persons Aged 18 or Older, by Demographic Characteristics: Standard Errors of Percentages, 2002-2018**

Demographic Characteristics	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>TOTAL</b>	0.16	0.15	0.16	0.17	0.15	0.15	0.14	0.16	0.16	0.15	0.15	0.15	0.12	0.12	0.12	0.14	0.13
<b>AGE GROUP</b>																	
18-25	0.24	0.24	0.23	0.23	0.23	0.23	0.25	0.24	0.24	0.25	0.23	0.24	0.27	0.27	0.31	0.34	0.34
26 or Older	0.18	0.17	0.18	0.19	0.17	0.17	0.16	0.19	0.18	0.16	0.17	0.17	0.14	0.13	0.13	0.15	0.14
26-49	0.25	0.24	0.25	0.23	0.23	0.24	0.23	0.25	0.24	0.25	0.24	0.25	0.19	0.18	0.18	0.20	0.20
50 or Older	0.26	0.23	0.25	0.29	0.25	0.23	0.22	0.28	0.26	0.20	0.24	0.22	0.19	0.17	0.18	0.19	0.18
<b>GENDER</b>																	
Male	0.20	0.18	0.20	0.23	0.20	0.18	0.19	0.19	0.17	0.17	0.18	0.18	0.15	0.14	0.15	0.16	0.15
Female	0.23	0.24	0.23	0.23	0.22	0.23	0.21	0.25	0.24	0.23	0.23	0.23	0.18	0.18	0.18	0.21	0.21
<b>HISPANIC ORIGIN AND RACE</b>																	
Not Hispanic or Latino	0.17	0.16	0.17	0.17	0.16	0.16	0.16	0.18	0.16	0.16	0.16	0.15	0.13	0.13	0.13	0.15	0.14
White	0.17	0.18	0.19	0.17	0.17	0.18	0.18	0.19	0.19	0.18	0.19	0.18	0.15	0.16	0.15	0.18	0.17
Black or African American	0.70	0.41	0.53	0.73	0.44	0.39	0.45	0.60	0.37	0.38	0.46	0.41	0.35	0.31	0.29	0.27	0.30
AIAN	2.35	1.24	1.04	2.05	1.45	1.34	1.99	1.91	1.97	2.50	2.76	1.53	1.02	1.81	1.12	1.23	1.33
NHOPI	1.99	2.12	*	*	*	*	0.97	1.51	0.74	1.00	0.74	2.05	0.72	1.48	0.49	*	1.29
Asian	0.45	0.48	0.45	0.46	0.65	0.46	0.48	0.72	0.40	0.62	0.48	0.34	0.42	0.37	0.43	0.44	0.36
Two or More Races	2.03	1.92	2.25	1.46	3.31	2.14	1.47	1.50	1.45	2.18	1.56	1.41	1.17	1.21	0.88	1.14	0.90
Hispanic or Latino	0.43	0.45	0.40	0.51	0.37	0.42	0.38	0.39	0.49	0.30	0.34	0.48	0.26	0.28	0.29	0.25	0.33

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

NOTE: Some 2006 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.

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, 2002-2018.

**Table 10.22P Perceived Unmet Need for Mental Health Services in Past Year among Persons Aged 18 or Older, by Demographic Characteristics: *P* Values from Tests of Differences of Percentages, 2018 Versus 2002-2017**

Demographic Characteristics	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>TOTAL</b>	0.0673	0.0009	0.0014	0.0040	0.0000	0.0001	0.0000	0.0440	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1438	
<b>AGE GROUP</b>																	
18-25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0105	
26 or Older	0.4342	0.5296	0.5942	0.7443	0.1055	0.4419	0.0276	0.3411	0.2979	0.0155	0.3649	0.0218	0.1883	0.0006	0.0016	0.4884	
26-49	0.3410	0.0216	0.1102	0.0008	0.0001	0.0431	0.0008	0.2289	0.0002	0.0024	0.0079	0.0013	0.0000	0.0000	0.0001	0.0546	
50 or Older	0.6525	0.3522	0.1637	0.3043	0.8924	0.4826	0.2521	0.1798	0.2223	0.2811	0.4075	0.6535	0.0733	0.6703	0.6004	0.4152	
<b>GENDER</b>																	
Male	0.5858	0.1382	0.3702	0.5960	0.2764	0.1107	0.0859	0.9145	0.0772	0.0703	0.2314	0.1472	0.1841	0.0136	0.1072	0.7914	
Female	0.0062	0.0025	0.0000	0.0000	0.0000	0.0002	0.0000	0.0165	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0464	
<b>HISPANIC ORIGIN AND RACE</b>																	
Not Hispanic or Latino	0.1673	0.0021	0.0063	0.0066	0.0000	0.0004	0.0001	0.1595	0.0000	0.0000	0.0003	0.0000	0.0009	0.0000	0.0000	0.9027	
White	0.0033	0.0006	0.0003	0.0000	0.0000	0.0001	0.0000	0.0101	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001	0.7437	
Black or African American	0.0578	0.9539	0.2341	0.0847	0.9350	0.9032	0.3783	0.1131	0.7917	0.7082	0.0750	0.5505	0.4225	0.2604	0.2801	0.6463	
AIAN	0.0786	0.9379	0.3749	0.1474	0.8680	0.8425	0.8760	0.2580	0.4466	0.3061	0.0496	0.8205	0.8355	0.4323	0.6027	0.8161	
NHOPI	0.4852	0.2273	*	*	*	*	0.5917	0.9593	0.7005	0.6957	0.7818	0.3846	0.5578	0.4031	0.3491	*	
Asian	0.0273	0.0539	0.0276	0.0142	0.1561	0.0351	0.0119	0.6684	0.0012	0.5595	0.0588	0.0041	0.3124	0.0184	0.3994	0.2817	
Two or More Races	0.3428	0.9299	0.7624	1.0000	0.1662	0.5911	0.1225	0.6610	0.5770	0.4778	0.3579	0.7294	0.4859	0.3925	0.2767	0.4286	
Hispanic or Latino	0.0501	0.1259	0.0196	0.2215	0.0008	0.0251	0.0001	0.0213	0.3013	0.0000	0.0098	0.2379	0.0000	0.0001	0.0005	0.0002	

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

NOTE: Some 2006 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.

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, 2002-2018.

**Table 10.24C Receipt of Mental Health Services in Past Year among Persons Aged 18 or Older with a Perceived Unmet Need for Mental Health Services in Past Year, by Age Group: Standard Errors of Numbers in Thousands, 2002-2018**

Receipt of Mental Health Services/Age Group	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>RECEIVED MENTAL HEALTH SERVICES</b>	225	250	212	243	254	246	234	256	286	244	261	274	223	204	217	239	252
18-25	48	48	51	51	53	46	58	54	54	55	57	57	63	64	71	84	77
26 or Older	215	243	207	237	247	243	228	249	281	236	253	267	217	200	204	225	236
26-49	175	186	160	161	179	187	168	184	185	180	174	182	137	140	140	144	154
50 or Older	131	143	132	171	167	155	160	167	203	158	189	182	169	147	154	167	172
<b>DID NOT RECEIVE MENTAL HEALTH SERVICES</b>	256	215	264	265	213	226	226	280	223	223	252	226	195	187	197	232	212
18-25	61	67	64	62	59	65	68	68	64	71	68	66	79	74	83	91	99
26 or Older	247	208	252	254	204	214	214	269	214	211	241	216	176	175	175	207	188
26-49	186	168	196	174	158	161	171	168	147	174	176	166	135	116	126	144	152
50 or Older	159	119	156	186	135	134	136	218	153	114	152	135	107	127	120	138	117

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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: Because of revisions in 2004 to the logical editing of the outpatient mental health services data, these 2002 and 2003 estimates may differ from estimates published prior to the 2004 NSDUH.

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, 2002-2018.

**Table 10.24D Receipt of Mental Health Services in Past Year among Persons Aged 18 or Older with a Perceived Unmet Need for Mental Health Services in Past Year, by Age Group: Standard Errors of Percentages, 2002-2018**

Receipt of Mental Health Services/Age Group	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>RECEIVED MENTAL HEALTH SERVICES</b>	1.48	1.55	1.46	1.59	1.53	1.51	1.52	1.51	1.61	1.49	1.56	1.58	1.22	1.22	1.22	1.18	1.13
18-25	1.39	1.43	1.53	1.46	1.48	1.50	1.60	1.59	1.53	1.58	1.63	1.59	1.73	1.57	1.54	1.50	1.34
26 or Older	1.88	1.97	1.87	2.04	1.93	1.89	1.94	1.87	2.02	1.90	1.94	2.00	1.47	1.59	1.57	1.55	1.49
26-49	1.81	2.00	1.81	1.98	2.01	1.90	1.95	1.84	1.98	2.04	2.01	2.03	1.62	1.52	1.56	1.53	1.49
50 or Older	5.46	5.06	5.96	5.45	4.61	4.86	5.45	4.91	4.51	4.17	4.16	4.38	2.81	3.78	3.62	3.48	3.42
<b>DID NOT RECEIVE MENTAL HEALTH SERVICES</b>	1.48	1.55	1.46	1.59	1.53	1.51	1.52	1.51	1.61	1.49	1.56	1.58	1.22	1.22	1.22	1.18	1.13
18-25	1.39	1.43	1.53	1.46	1.48	1.50	1.60	1.59	1.53	1.58	1.63	1.59	1.73	1.57	1.54	1.50	1.34
26 or Older	1.88	1.97	1.87	2.04	1.93	1.89	1.94	1.87	2.02	1.90	1.94	2.00	1.47	1.59	1.57	1.55	1.49
26-49	1.81	2.00	1.81	1.98	2.01	1.90	1.95	1.84	1.98	2.04	2.01	2.03	1.62	1.52	1.56	1.53	1.49
50 or Older	5.46	5.06	5.96	5.45	4.61	4.86	5.45	4.91	4.51	4.17	4.16	4.38	2.81	3.78	3.62	3.48	3.42

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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: 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: Because of revisions in 2004 to the logical editing of the outpatient mental health services data, these 2002 and 2003 estimates may differ from estimates published prior to the 2004 NSDUH.

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, 2002-2018.

**Table 10.24P Receipt of Mental Health Services in Past Year among Persons Aged 18 or Older with a Perceived Unmet Need for Mental Health Services in Past Year, by Age Group: P Values from Tests of Differences of Percentages, 2018 Versus 2002-2017**

Receipt of Mental Health Services/Age Group	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>RECEIVED MENTAL HEALTH SERVICES</b>	0.0053	0.1921	0.0443	0.1793	0.2752	0.5494	0.7346	0.2298	0.4186	0.1320	0.5596	0.3223	0.0600	0.2156	0.4275	0.8895	
18-25	0.3219	0.3271	0.2251	0.3470	0.6721	0.1307	0.3578	0.2104	0.8281	0.8599	0.7005	0.5976	0.2386	0.2935	0.2827	0.0349	
26 or Older	0.0018	0.1264	0.0044	0.1125	0.6370	0.4121	0.6067	0.1217	0.8121	0.3158	0.9222	0.7110	0.3219	0.5687	0.8360	0.4468	
26-49	0.2752	0.7050	0.2114	0.5988	0.2095	0.5413	0.4414	0.6298	0.0589	0.2078	0.7916	0.2143	0.7418	0.0878	0.2787	0.6585	
50 or Older	0.0019	0.1455	0.0244	0.0937	0.5409	0.1007	0.2012	0.0085	0.0813	0.8164	0.4905	0.3783	0.7918	0.2697	0.3147	0.0724	
<b>DID NOT RECEIVE MENTAL HEALTH SERVICES</b>	0.0053	0.1921	0.0443	0.1793	0.2752	0.5494	0.7346	0.2298	0.4186	0.1320	0.5596	0.3223	0.0600	0.2156	0.4275	0.8895	
18-25	0.3219	0.3271	0.2251	0.3470	0.6721	0.1307	0.3578	0.2104	0.8281	0.8599	0.7005	0.5976	0.2386	0.2935	0.2827	0.0349	
26 or Older	0.0018	0.1264	0.0044	0.1125	0.6370	0.4121	0.6067	0.1217	0.8121	0.3158	0.9222	0.7110	0.3219	0.5687	0.8360	0.4468	
26-49	0.2752	0.7050	0.2114	0.5988	0.2095	0.5413	0.4414	0.6298	0.0589	0.2078	0.7916	0.2143	0.7418	0.0878	0.2787	0.6585	
50 or Older	0.0019	0.1455	0.0244	0.0937	0.5409	0.1007	0.2012	0.0085	0.0813	0.8164	0.4905	0.3783	0.7918	0.2697	0.3147	0.0724	

\* = 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: Because of revisions in 2004 to the logical editing of the outpatient mental health services data, these 2002 and 2003 estimates may differ from estimates published prior to the 2004 NSDUH.

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