

Table 10.8C Received Mental Health Services in Past Year among Persons Aged 18 or Older, by Geographic and Socioeconomic Characteristics: Standard Errors of Numbers in Thousands, 2002-2018

Geographic/Socioeconomic Characteristic	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
TOTAL	570	561	554	573	578	605	646	603	616	594	653	674	541	552	557	608	591
GEOGRAPHIC REGION																	
Northeast	247	254	250	251	227	266	293	247	267	262	250	285	248	244	245	243	262
Midwest	241	215	217	231	223	233	240	246	233	237	244	293	240	249	251	237	260
South	355	341	341	350	378	397	392	407	389	384	418	421	352	332	321	367	345
West	277	299	285	280	296	313	354	308	355	299	362	347	261	279	291	317	310
COUNTY TYPE¹																	
Large Metro	470	479	468	470	501	498	588	533	538	512	551	608	479	469	518	552	536
Small Metro	338	413	346	355	322	399	401	394	395	396	428	439	354	354	368	355	396
Nonmetro	224	234	237	230	257	267	263	232	258	235	273	275	241	205	224	225	256
Urbanized	181	157	160	140	158	172	164	139	174	143	185	206	172	148	136	166	185
Less Urbanized	157	177	154	170	195	197	202	178	169	192	191	183	173	141	182	156	161
Completely Rural	55	81	80	77	93	65	61	88	106	44	80	76	82	87	73	81	102
POVERTY LEVEL²																	
Less Than 100%	199	214	215	246	192	232	230	202	247	250	281	286	243	211	228	264	232
100-199%	255	276	248	234	251	277	326	284	307	266	308	293	257	248	284	250	239
200% or More	540	542	512	508	542	561	613	585	581	587	615	645	480	528	497	536	567
EDUCATION																	
< High School	nc	178	187	177													
High School Graduate	nc	280	284	279													
Some College/Associate's Degree	nc	337	347	363													
College Graduate	nc	367	375	437													
HEALTH INSURANCE³																	
Private	502	556	509	496	532	541	633	546	563	563	596	628	488	497	503	555	561
Medicaid/CHIP	192	217	217	257	209	263	237	236	260	245	256	277	262	234	276	284	235
Other ⁴	--	334	329	352	325	367	425	388	394	362	430	455	378	360	373	381	383
No Coverage	188	165	146	158	167	180	180	187	210	196	215	229	150	109	109	136	120

* = 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: 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: 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.

¹ Because of the use of the 2013 Rural-Urban Continuum Codes in the creation of the county type variables, these 2002 to 2014 estimates may differ from estimates published prior to the 2015 NSDUH.

² Respondents aged 18 to 22 who were living in a college dormitory were excluded.

³ Respondents could indicate multiple types of health insurance; thus, these response categories are not mutually exclusive.

⁴ 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, 2002-2018.

Table 10.8D Received Mental Health Services in Past Year among Persons Aged 18 or Older, by Geographic and Socioeconomic Characteristics: Standard Errors of Percentages, 2002-2018

Geographic/Socioeconomic Characteristic	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
TOTAL	0.27	0.26	0.26	0.26	0.26	0.27	0.29	0.27	0.27	0.26	0.28	0.28	0.23	0.23	0.23	0.25	0.24	
GEOGRAPHIC REGION																		
Northeast	0.61	0.62	0.61	0.61	0.55	0.64	0.70	0.59	0.63	0.62	0.58	0.66	0.57	0.56	0.56	0.55	0.60	
Midwest	0.51	0.45	0.45	0.47	0.46	0.47	0.49	0.50	0.47	0.47	0.48	0.58	0.47	0.49	0.49	0.46	0.50	
South	0.47	0.45	0.44	0.45	0.48	0.49	0.48	0.49	0.46	0.45	0.48	0.48	0.40	0.37	0.35	0.40	0.37	
West	0.59	0.63	0.59	0.57	0.59	0.61	0.68	0.59	0.67	0.56	0.66	0.63	0.47	0.49	0.51	0.55	0.53	
COUNTY TYPE¹																		
Large Metro	0.38	0.36	0.36	0.36	0.36	0.40	0.41	0.37	0.39	0.36	0.37	0.40	0.31	0.31	0.33	0.36	0.35	
Small Metro	0.47	0.51	0.45	0.49	0.45	0.50	0.52	0.51	0.47	0.44	0.51	0.52	0.41	0.41	0.42	0.40	0.45	
Nonmetro	0.62	0.59	0.68	0.60	0.66	0.66	0.70	0.59	0.69	0.57	0.65	0.70	0.53	0.55	0.50	0.53	0.54	
Urbanized	1.13	0.94	1.00	0.95	1.09	1.08	1.09	0.85	1.04	0.92	1.04	1.12	0.82	0.81	0.68	0.87	0.87	
Less Urbanized	0.87	0.91	0.86	0.88	0.86	0.94	1.05	0.86	0.88	0.83	0.93	1.03	0.80	0.80	0.77	0.71	0.73	
Completely Rural	1.37	2.03	2.48	1.60	2.09	1.44	1.69	2.18	2.75	1.30	1.84	1.71	1.84	1.76	1.61	1.70	2.00	
POVERTY LEVEL²																		
Less Than 100%	0.87	0.83	0.81	0.87	0.70	0.83	0.82	0.66	0.75	0.68	0.70	0.72	0.60	0.53	0.57	0.66	0.59	
100-199%	0.60	0.61	0.59	0.53	0.56	0.64	0.72	0.61	0.60	0.54	0.61	0.57	0.50	0.48	0.51	0.48	0.47	
200% or More	0.33	0.31	0.31	0.31	0.32	0.33	0.34	0.34	0.33	0.33	0.35	0.36	0.27	0.29	0.28	0.29	0.30	
EDUCATION																		
< High School	nc	0.50	0.55	0.58	0.54													
High School Graduate	nc	0.42	0.42	0.42	0.42													
Some College/Associate's Degree	nc	0.41	0.40	0.43	0.43													
College Graduate	nc	0.44	0.43	0.45	0.46													
HEALTH INSURANCE³																		
Private	0.30	0.33	0.30	0.30	0.31	0.32	0.36	0.32	0.33	0.32	0.34	0.35	0.28	0.27	0.27	0.30	0.29	
Medicaid/CHIP	1.08	1.18	1.18	1.20	1.11	1.20	1.16	1.07	1.05	0.93	1.05	0.99	0.75	0.62	0.69	0.68	0.60	
Other ⁴	--	0.68	0.66	0.67	0.63	0.70	0.74	0.67	0.66	0.60	0.66	0.69	0.56	0.51	0.51	0.51	0.52	
No Coverage	0.63	0.51	0.45	0.48	0.48	0.50	0.50	0.49	0.53	0.50	0.55	0.57	0.47	0.42	0.45	0.56	0.48	

* = 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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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 10.8P Received Mental Health Services in Past Year among Persons Aged 18 or Older, by Geographic and Socioeconomic Characteristics: P Values from Tests of Differences of Percentages, 2018 Versus 2002-2017

Geographic/Socioeconomic Characteristic	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
TOTAL	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0007	0.0001	0.2183	0.3289	0.6213	0.0149	0.0627	0.5833	
GEOGRAPHIC REGION																	
Northeast	0.0003	0.0002	0.0000	0.0005	0.0000	0.0243	0.0008	0.0000	0.0192	0.0009	0.0015	0.1275	0.1165	0.1031	0.2922	0.0347	
Midwest	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0002	0.0018	0.0256	0.1730	0.1792	0.0037	0.3205	0.4333	
South	0.0603	0.4910	0.0264	0.2224	0.1094	0.3854	0.1556	0.9938	0.3438	0.5577	0.0701	0.7617	0.1873	0.8804	0.9482	0.3927	
West	0.3276	0.0059	0.0718	0.0010	0.0197	0.0198	0.6936	0.0461	0.4840	0.0993	0.6967	0.9910	0.8411	0.4629	0.0487	0.9402	
COUNTY TYPE¹																	
Large Metro	0.0074	0.0052	0.0001	0.0001	0.0003	0.0012	0.0482	0.0043	0.0589	0.0070	0.5967	0.7968	0.9254	0.5620	0.8153	0.7122	
Small Metro	0.0000	0.0001	0.0001	0.0003	0.0000	0.0012	0.0006	0.0020	0.0056	0.0175	0.1321	0.0859	0.2442	0.0266	0.0369	0.3729	
Nonmetro	0.0009	0.0269	0.0021	0.0465	0.2337	0.4164	0.0618	0.0900	0.2192	0.0865	0.9219	0.4634	0.8219	0.0151	0.1459	0.2711	
Urbanized	0.4988	0.0979	0.0627	0.1585	0.3343	0.8817	0.4827	0.0089	0.4703	0.1034	0.8449	0.4311	0.6795	0.2042	0.0437	0.2875	
Less Urbanized	0.0183	0.5399	0.0339	0.6180	0.9091	0.8928	0.3949	0.6347	0.4401	0.6736	0.7076	0.6046	0.2408	0.1061	0.6270	0.8240	
Completely Rural	0.0002	0.0776	0.1583	0.0488	0.2479	0.0046	0.0109	0.3879	0.5523	0.0035	0.1915	0.0847	0.4328	0.1703	0.1796	0.6998	
POVERTY LEVEL²																	
Less Than 100%	0.8536	0.4503	0.7297	0.8587	0.0004	0.8704	0.1191	0.1394	0.2825	0.2000	0.2782	0.8110	0.9378	0.0013	0.2367	0.8660	
100-199%	0.9955	0.6066	0.9154	0.5347	0.8557	0.4683	0.1549	0.6512	0.1722	0.1280	0.0657	0.1455	0.0004	0.3728	0.0030	0.0146	
200% or More	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0369	0.0472	0.0122	0.0404	0.0008	0.0523	
EDUCATION																	
< High School	nc	0.2339	0.8500	0.7543													
High School Graduate	nc	0.2152	0.6202	0.4523													
Some College/Associate's Degree	nc	0.0925	0.2269	0.5502													
College Graduate	nc	0.0267	0.0370	0.2436													
HEALTH INSURANCE³																	
Private	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0004	0.0000	0.0458	0.0843	0.0030	0.0282	0.0014	0.1378	
Medicaid/CHIP	0.6836	0.0023	0.0007	0.0000	0.0196	0.0001	0.0114	0.0001	0.0141	0.0016	0.0253	0.0002	0.0000	1.0000	0.0090	0.0055	
Other ⁴	--	0.0074	0.0013	0.0670	0.0123	0.6211	0.9066	0.1366	0.6886	0.4032	0.2000	0.6277	0.0002	0.6535	0.6197	0.6002	
No Coverage	0.0557	0.1889	0.4321	0.0541	0.3966	0.3796	0.1511	0.1424	0.1368	0.3393	0.0022	0.0087	0.0251	0.0739	0.6576	0.8770	

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