

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, 2002-2019

Geographic/Socioeconomic Characteristic	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
TOTAL	570	561	554	573	578	605	646	603	616	594	653	674	541	552	557	608	591	606
GEOGRAPHIC REGION																		
Northeast	247	254	250	251	227	266	293	247	267	262	250	285	248	244	245	243	262	262
Midwest	241	215	217	231	223	233	240	246	233	237	244	293	240	249	251	237	260	263
South	355	341	341	350	378	397	392	407	389	384	418	421	352	332	321	367	345	368
West	277	299	285	280	296	313	354	308	355	299	362	347	261	279	291	317	310	310
COUNTY TYPE¹																		
Large Metro	470	479	468	470	501	498	588	533	538	512	551	608	479	469	518	552	536	589
Small Metro	338	413	346	355	322	399	401	394	395	396	428	439	354	354	368	355	396	400
Nonmetro	224	234	237	230	257	267	263	232	258	235	273	275	241	205	224	225	256	254
Urbanized	181	157	160	140	158	172	164	139	174	143	185	206	172	148	136	166	185	179
Less Urbanized	157	177	154	170	195	197	202	178	169	192	191	183	173	141	182	156	161	178
Completely Rural	55	81	80	77	93	65	61	88	106	44	80	76	82	87	73	81	102	74
POVERTY LEVEL²																		
Less Than 100%	199	214	215	246	192	232	230	202	247	250	281	286	243	211	228	264	232	227
100-199%	255	276	248	234	251	277	326	284	307	266	308	293	257	248	284	250	239	287
200% or More	540	542	512	508	542	561	613	585	581	587	615	645	480	528	497	536	567	613
EDUCATION																		
< High School	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	178	187	187	177	190
High School Graduate	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	280	284	272	279	294
Some College/Associate's Degree	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	337	347	371	363	371
College Graduate	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	367	375	417	437	449
HEALTH INSURANCE³																		
Private	502	556	509	496	532	541	633	546	563	563	596	628	488	497	503	555	561	587
Medicaid/CHIP	192	217	217	257	209	263	237	236	260	245	256	277	262	234	276	284	235	294
Other ⁴	--	334	329	352	325	367	425	388	394	362	430	455	378	360	373	381	383	412
No Coverage	188	165	146	158	167	180	180	187	210	196	215	229	150	109	109	136	120	118

* = 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 *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: 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, 2002-2019.

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, 2002-2019

Geographic/Socioeconomic Characteristic	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
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	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	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	0.51
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	0.39
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	0.52
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	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	0.38
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	0.59
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	0.97
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	0.83
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	1.33
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	0.63
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	0.53
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	0.30
EDUCATION																		
< High School	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	0.50	0.55	0.58	0.54	0.61
High School Graduate	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	0.42	0.42	0.42	0.42	0.45
Some College/Associate's Degree	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	0.41	0.40	0.43	0.43	0.42
College Graduate	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	0.44	0.43	0.45	0.46	0.45
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	0.30
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	0.71
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	0.53
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	0.44

* = 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 *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: 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, 2002-2019.

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, 2019 Versus 2002-2018

Geographic/Socioeconomic Characteristic	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
TOTAL	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0002	0.0009	
GEOGRAPHIC REGION																		
Northeast	0.0001	0.0000	0.0000	0.0001	0.0000	0.0094	0.0002	0.0000	0.0071	0.0002	0.0004	0.0620	0.0613	0.0481	0.1394	0.0108	0.7133	
Midwest	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0006	0.0003	0.0000	0.0015	0.0022	0.0211	
South	0.0012	0.0330	0.0003	0.0079	0.0029	0.0255	0.0052	0.1671	0.0183	0.0414	0.7138	0.2653	0.7772	0.0739	0.1089	0.4795	0.1162	
West	0.0012	0.0000	0.0000	0.0000	0.0000	0.0000	0.0136	0.0000	0.0052	0.0001	0.0123	0.0300	0.0065	0.0028	0.0000	0.0234	0.0164	
COUNTY TYPE¹																		
Large Metro	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0019	0.0258	0.0071	0.0011	0.0021	0.0248	0.0067	
Small Metro	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0003	0.0099	0.0055	0.0240	0.0004	0.0007	0.0280	0.3021	
Nonmetro	0.0000	0.0001	0.0000	0.0003	0.0050	0.0146	0.0007	0.0007	0.0050	0.0006	0.0774	0.0207	0.0886	0.0000	0.0010	0.0040	0.0670	
Urbanized	0.0540	0.0029	0.0017	0.0062	0.0260	0.2415	0.0483	0.0001	0.0426	0.0031	0.2484	0.0414	0.0613	0.0116	0.0003	0.0169	0.1442	
Less Urbanized	0.0000	0.0150	0.0001	0.0184	0.0429	0.0895	0.0118	0.1443	0.0088	0.1217	0.1390	0.2171	0.3921	0.0003	0.1236	0.0164	0.0310	
Completely Rural	0.0044	0.5358	0.7318	0.4628	0.9393	0.0769	0.1427	0.7024	0.6207	0.0639	0.9932	0.6405	0.5293	0.8333	0.9670	0.2569	0.1562	
POVERTY LEVEL²																		
Less Than 100%	0.5975	0.2728	0.9789	0.8633	0.0001	0.6040	0.0599	0.0654	0.1534	0.0996	0.1469	0.8757	0.6136	0.0005	0.1152	0.8084	0.6634	
100-199%	0.0001	0.0007	0.0001	0.0000	0.0000	0.0022	0.0311	0.0006	0.0086	0.0066	0.0339	0.0083	0.3632	0.0006	0.1472	0.0338	0.0000	
200% or More	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0006	0.0000	0.0003	0.0000	0.0005	0.1036	
EDUCATION																		
< High School	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	0.0224	0.3259	0.4099	0.2399	
High School Graduate	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	0.2598	0.0664	0.0931	0.0154	
Some College/Associate's Degree	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	0.0004	0.0019	0.0218	0.0869	
College Graduate	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	0.0004	0.0004	0.0106	0.1594	
HEALTH INSURANCE³																		
Private	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	0.0001	0.0079	
Medicaid/CHIP	0.0041	0.8932	0.8274	0.1048	0.3320	0.4644	0.4993	0.6244	0.3316	0.5458	0.2298	0.8909	0.9183	0.0000	0.0780	0.0807	0.0000	
Other ⁴	--	0.0006	0.0001	0.0100	0.0011	0.2168	0.4034	0.0252	0.2430	0.1009	0.6172	0.7883	0.0029	0.6677	0.1833	0.1655	0.3850	
No Coverage	0.0290	0.1077	0.2788	0.0240	0.2568	0.2455	0.0824	0.0761	0.0747	0.2143	0.0007	0.0033	0.0115	0.1107	0.8437	0.7049	0.7918	

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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.

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