

Table 10.9C Received Mental Health Services in Past Year among Persons Aged 18 or Older with Past Year Any Mental Illness, by Demographic Characteristics: Standard Errors of Numbers in Thousands, 2008-2019

Demographic Characteristic	2008 ¹	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
TOTAL	507	467	510	452	490	558	423	429	455	442	470	485
AGE GROUP												
18-25	70	70	73	81	87	86	91	85	99	130	104	128
26 or Older	499	460	504	444	481	558	412	422	437	412	446	467
26-49	295	312	305	280	304	327	233	245	242	247	274	275
50 or Older	414	338	382	348	369	439	333	329	344	320	340	350
GENDER												
Male	253	290	292	272	253	336	245	246	247	247	252	277
Female	428	365	404	372	409	448	337	342	365	346	374	382
HISPANIC ORIGIN AND RACE												
Not Hispanic or Latino	491	443	474	445	466	532	414	411	405	416	448	444
White	464	428	439	420	424	500	359	371	385	384	404	413
Black or African American	131	110	132	121	155	155	135	117	105	109	123	124
AIAN	*	*	*	*	*	*	*	*	*	*	*	*
NHOPI	*	*	*	*	*	*	*	*	*	*	*	*
Asian	*	61	62	73	62	*	108	77	65	59	77	67
Two or More Races	*	67	*	*	42	81	57	71	49	50	48	62
Hispanic or Latino	115	131	176	124	150	210	140	119	169	142	151	164

* = 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: 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.

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 *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 10.9D Received Mental Health Services in Past Year among Persons Aged 18 or Older with Past Year Any Mental Illness, by Demographic Characteristics: Standard Errors of Percentages, 2008-2019

Demographic Characteristic	2008 ¹	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
TOTAL	0.93	0.86	0.89	0.82	0.82	0.91	0.72	0.72	0.75	0.71	0.68	0.65
AGE GROUP												
18-25	0.94	0.97	0.93	0.98	0.96	0.98	1.05	0.91	0.94	0.98	0.87	0.90
26 or Older	1.09	1.00	1.03	0.97	0.96	1.07	0.81	0.84	0.87	0.85	0.82	0.79
26-49	1.09	1.10	1.07	1.09	1.10	1.15	0.83	0.89	0.87	0.88	0.82	0.78
50 or Older	2.26	1.92	1.93	1.75	1.67	1.95	1.48	1.54	1.57	1.63	1.61	1.58
GENDER												
Male	1.41	1.43	1.44	1.37	1.25	1.59	1.14	1.15	1.15	1.12	1.07	1.09
Female	1.19	1.08	1.11	1.09	1.07	1.14	0.90	0.93	0.94	0.89	0.88	0.83
HISPANIC ORIGIN AND RACE												
Not Hispanic or Latino	1.00	0.92	0.94	0.87	0.88	0.98	0.78	0.77	0.80	0.77	0.75	0.70
White	1.09	1.01	1.05	1.00	0.97	1.10	0.85	0.84	0.89	0.84	0.82	0.76
Black or African American	2.46	2.32	2.39	2.41	2.61	2.71	2.32	2.15	2.09	1.95	1.97	1.88
AIAN	*	*	*	*	*	*	*	*	*	*	*	*
NHOPI	*	*	*	*	*	*	*	*	*	*	*	*
Asian	*	4.31	4.03	4.33	3.58	*	4.72	4.03	3.44	2.95	2.97	2.82
Two or More Races	*	5.81	*	*	4.81	5.73	4.14	4.49	3.73	3.79	3.89	3.43
Hispanic or Latino	2.11	2.19	2.88	2.33	2.26	2.62	1.97	1.84	2.27	1.87	1.76	1.69

* = 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: 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.

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 *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 10.9P Received Mental Health Services in Past Year among Persons Aged 18 or Older with Past Year Any Mental Illness, by Demographic Characteristics:
P Values from Tests of Differences of Percentages, 2019 Versus 2008-2018**

Demographic Characteristic	2008 ¹	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
TOTAL	0.0009	0.0000	0.0304	0.0002	0.0003	0.9724	0.9407	0.0805	0.0898	0.0324	0.1046	
AGE GROUP												
18-25	0.0000	0.0000	0.0000	0.0000	0.0008	0.0017	0.0001	0.0000	0.0048	0.7038	0.1996	
26 or Older	0.0146	0.0004	0.1081	0.0017	0.0015	0.7727	0.5692	0.5228	0.2237	0.0336	0.1715	
26-49	0.0025	0.0006	0.1054	0.0014	0.0106	0.1588	0.2901	0.0658	0.0553	0.0611	0.1562	
50 or Older	0.4646	0.0781	0.4000	0.1277	0.0374	0.1913	0.2250	0.6202	0.8414	0.1829	0.5092	
GENDER												
Male	0.0380	0.3821	0.1005	0.1436	0.0256	0.5779	0.4416	0.7409	0.0642	0.2066	0.2030	
Female	0.0045	0.0000	0.2206	0.0005	0.0059	0.5470	0.4313	0.0626	0.4683	0.0858	0.3315	
HISPANIC ORIGIN AND RACE												
Not Hispanic or Latino	0.0108	0.0001	0.0108	0.0004	0.0013	0.8800	0.9325	0.0803	0.1211	0.0222	0.1171	
White	0.0166	0.0001	0.0151	0.0004	0.0010	0.5757	0.5806	0.0364	0.1580	0.0451	0.2394	
Black or African American	0.1765	0.0326	0.2701	0.2007	0.7085	0.7144	0.8550	0.5927	0.1965	0.3675	0.4061	
AIAN	*	*	*	*	*	*	*	*	*	*	*	
NHOPI	*	*	*	*	*	*	*	*	*	*	*	
Asian	*	0.2959	0.3455	0.5960	0.1363	*	0.0754	0.8022	0.7127	0.4390	0.6986	
Two or More Races	*	0.4202	*	*	0.6258	0.4160	0.5670	0.5726	0.2486	0.3849	0.0281	
Hispanic or Latino	0.0000	0.0072	0.8052	0.0076	0.0311	0.9416	0.6764	0.3362	0.3178	0.6038	0.6912	

* = 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: 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 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.

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 *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 10.11C Received Mental Health Services in Past Year among Persons Aged 18 or Older with Past Year Serious Mental Illness, by Demographic Characteristics: Standard Errors of Numbers in Thousands, 2008-2019

Demographic Characteristic	2008 ¹	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
TOTAL	262	275	302	260	262	333	254	235	258	264	258	276
AGE GROUP												
18-25	37	38	45	45	46	49	53	52	63	76	64	72
26 or Older	259	272	297	258	260	331	250	230	249	254	244	266
26-49	177	180	183	168	188	202	146	146	144	155	156	161
50 or Older	192	197	226	194	192	248	193	179	200	194	189	200
GENDER												
Male	144	151	177	159	154	233	160	137	137	154	147	153
Female	217	229	234	206	209	229	185	189	211	199	207	227
HISPANIC ORIGIN AND RACE												
Not Hispanic or Latino	251	267	275	252	247	314	237	224	219	246	242	251
White	234	252	243	234	225	282	213	207	208	235	220	226
Black or African American	59	74	76	66	77	*	63	53	67	59	78	76
AIAN	*	*	*	*	*	*	*	*	*	*	*	*
NHOPI	*	*	*	*	*	*	*	*	*	*	*	*
Asian	*	*	*	*	*	*	*	*	*	*	*	*
Two or More Races	*	*	*	*	*	*	*	*	*	*	*	*
Hispanic or Latino	*	71	*	61	104	109	93	77	133	80	86	111

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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 *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 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 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 *2019 National Survey on Drug Use and Health: Methodological Summary and Definitions*.

Definitions: Measures and terms are defined in Appendix A.

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Table 10.11D Received Mental Health Services in Past Year among Persons Aged 18 or Older with Past Year Serious Mental Illness, by Demographic Characteristics: Standard Errors of Percentages, 2008-2019

Demographic Characteristic	2008 ¹	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
TOTAL	1.76	1.68	1.67	1.70	1.65	1.78	1.33	1.33	1.34	1.27	1.24	1.18
AGE GROUP												
18-25	2.28	2.20	2.32	2.27	2.14	2.30	2.13	2.14	2.05	1.94	1.72	1.76
26 or Older	2.01	1.92	1.89	1.94	1.92	2.02	1.52	1.56	1.55	1.51	1.49	1.42
26-49	2.08	2.06	2.05	2.20	2.27	2.29	1.72	1.68	1.57	1.60	1.55	1.42
50 or Older	4.33	3.74	3.74	3.60	3.62	3.51	2.59	3.09	3.16	3.08	3.30	3.17
GENDER												
Male	3.06	2.98	3.17	2.85	2.84	3.37	2.53	2.41	2.36	2.24	2.27	2.19
Female	2.14	2.00	1.88	2.00	2.11	1.93	1.50	1.59	1.57	1.45	1.47	1.35
HISPANIC ORIGIN AND RACE												
Not Hispanic or Latino	1.84	1.75	1.73	1.71	1.78	1.87	1.39	1.38	1.37	1.30	1.33	1.14
White	1.99	1.89	1.90	1.79	1.97	1.96	1.43	1.47	1.45	1.41	1.50	1.21
Black or African American	5.68	5.51	5.01	5.52	5.62	*	4.97	5.01	4.47	4.11	4.03	3.86
AIAN	*	*	*	*	*	*	*	*	*	*	*	*
NHOPI	*	*	*	*	*	*	*	*	*	*	*	*
Asian	*	*	*	*	*	*	*	*	*	*	*	*
Two or More Races	*	*	*	*	*	*	*	*	*	*	*	*
Hispanic or Latino	*	5.59	*	5.68	4.89	5.32	4.24	4.34	4.32	4.09	3.45	3.95

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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: 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 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 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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**Table 10.11P Received Mental Health Services in Past Year among Persons Aged 18 or Older with Past Year Serious Mental Illness, by Demographic Characteristics:
P Values from Tests of Differences of Percentages, 2019 Versus 2008-2018**

Demographic Characteristic	2008 ¹	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
TOTAL	0.9330	0.6150	0.3399	0.7736	0.1974	0.1660	0.0914	0.8896	0.7137	0.4589	0.3934	
AGE GROUP												
18-25	0.0003	0.6263	0.3533	0.1404	0.2401	0.4137	0.3607	0.0419	0.0694	0.6995	0.2868	
26 or Older	0.6747	0.9222	0.4815	0.6667	0.1436	0.2484	0.0987	0.8627	0.9961	0.4805	0.6500	
26-49	0.4050	0.8232	0.3551	0.5775	0.5705	0.2160	0.6258	0.6405	0.6196	0.5871	0.5069	
50 or Older	0.8354	0.7159	0.9580	0.8291	0.1000	0.8962	0.2310	0.6359	0.5458	0.7575	0.9860	
GENDER												
Male	0.3538	0.3299	0.2712	0.4298	0.7055	0.0780	0.0929	0.5590	0.7893	0.6827	0.9719	
Female	0.4745	0.7916	0.7586	0.3026	0.0701	0.6269	0.3981	0.4850	0.4305	0.5972	0.2682	
HISPANIC ORIGIN AND RACE												
Not Hispanic or Latino	0.7714	0.7300	0.8494	0.6733	0.4421	0.3326	0.3704	0.3761	0.1637	0.8748	0.1390	
White	0.4344	0.9797	0.9447	0.6114	0.1768	0.7352	0.2640	0.5156	0.1652	0.9351	0.0800	
Black or African American	0.7147	0.7282	0.6482	0.6512	0.7161	*	0.5031	0.0385	0.8434	0.7536	0.9899	
AIAN	*	*	*	*	*	*	*	*	*	*	*	
NHOPI	*	*	*	*	*	*	*	*	*	*	*	
Asian	*	*	*	*	*	*	*	*	*	*	*	
Two or More Races	*	*	*	*	*	*	*	*	*	*	*	
Hispanic or Latino	*	0.6799	*	0.2885	0.2552	0.3560	0.0865	0.4254	0.1377	0.5558	0.5481	

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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.

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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, 2008-2019.

**Table 10.13C Received Mental Health Services in Past Year among Persons Aged 18 or Older with No Past Year Mental Illness, by Demographic Characteristics:
Standard Errors of Numbers in Thousands, 2008-2019**

Demographic Characteristic	2008 ¹	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
TOTAL	503	467	479	460	510	491	405	410	403	474	427	444
AGE GROUP												
18-25	73	71	69	73	68	74	83	73	77	78	79	85
26 or Older	494	455	475	451	502	485	393	403	396	464	420	433
26-49	234	242	245	268	253	275	186	201	188	212	196	218
50 or Older	419	385	402	366	436	400	342	348	349	396	376	379
GENDER												
Male	310	265	275	292	312	276	248	239	247	270	247	261
Female	345	362	372	339	413	380	324	326	317	363	340	355
HISPANIC ORIGIN AND RACE												
Not Hispanic or Latino	488	450	466	437	497	466	394	396	378	451	412	418
White	450	418	417	403	473	442	377	378	353	430	380	389
Black or African American	150	136	140	104	126	126	110	101	120	99	106	97
AIAN	22	*	17	12	26	14	19	24	21	19	26	27
NHOPI	*	*	*	8	8	5	13	11	9	4	4	11
Asian	66	37	95	113	68	74	58	66	62	77	71	101
Two or More Races	*	24	67	35	40	59	35	28	35	63	63	51
Hispanic or Latino	128	130	108	153	113	141	100	128	137	142	112	154

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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 *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: Respondents with no mental illness may still have received mental health services for a past disorder that is in partial or full remission or treatment for a disorder that was not included in the definition of mental illness or for other reasons. 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 *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 10.13D Received Mental Health Services in Past Year among Persons Aged 18 or Older with No Past Year Mental Illness, by Demographic Characteristics:
Standard Errors of Percentages, 2008-2019**

Demographic Characteristic	2008 ¹	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
TOTAL	0.25	0.24	0.24	0.22	0.25	0.24	0.19	0.20	0.19	0.23	0.20	0.20
AGE GROUP												
18-25	0.25	0.24	0.23	0.24	0.23	0.26	0.29	0.26	0.28	0.28	0.30	0.33
26 or Older	0.29	0.27	0.28	0.26	0.29	0.27	0.22	0.22	0.22	0.25	0.23	0.23
26-49	0.28	0.29	0.30	0.32	0.31	0.34	0.23	0.24	0.23	0.25	0.24	0.27
50 or Older	0.50	0.46	0.47	0.40	0.48	0.43	0.36	0.35	0.35	0.39	0.37	0.35
GENDER												
Male	0.32	0.27	0.28	0.29	0.31	0.28	0.24	0.23	0.23	0.26	0.24	0.25
Female	0.36	0.37	0.38	0.34	0.40	0.37	0.31	0.31	0.30	0.34	0.33	0.33
HISPANIC ORIGIN AND RACE												
Not Hispanic or Latino	0.29	0.26	0.27	0.25	0.28	0.27	0.22	0.22	0.21	0.26	0.23	0.23
White	0.33	0.31	0.31	0.29	0.34	0.32	0.28	0.28	0.26	0.31	0.29	0.28
Black or African American	0.67	0.59	0.62	0.45	0.55	0.53	0.45	0.40	0.48	0.39	0.42	0.39
AIAN	2.66	*	2.02	1.31	2.75	1.53	1.94	2.17	1.86	1.83	2.13	2.39
NHOPI	*	*	*	1.18	1.14	0.77	1.87	2.12	0.95	0.58	0.57	1.34
Asian	0.76	0.43	1.03	1.12	0.68	0.68	0.53	0.54	0.51	0.64	0.57	0.80
Two or More Races	*	1.41	2.99	1.44	1.52	2.23	1.34	1.04	1.16	2.02	1.84	1.61
Hispanic or Latino	0.49	0.49	0.39	0.51	0.38	0.46	0.32	0.39	0.42	0.41	0.33	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 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: 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: Respondents with no mental illness may still have received mental health services for a past disorder that is in partial or full remission or treatment for a disorder that was not included in the definition of mental illness or for other reasons. 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 *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 10.13P Received Mental Health Services in Past Year among Persons Aged 18 or Older with No Past Year Mental Illness, by Demographic Characteristics:
P Values from Tests of Differences of Percentages, 2019 Versus 2008-2018

Demographic Characteristic	2008 ¹	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
TOTAL	0.0005	0.0001	0.0001	0.0017	0.5348	0.0047	0.0762	0.0037	0.0082	0.2000	0.1291	
AGE GROUP												
18-25	0.0003	0.0002	0.0000	0.0001	0.0000	0.0015	0.0002	0.0000	0.0002	0.0011	0.0329	
26 or Older	0.0040	0.0008	0.0022	0.0169	0.8542	0.0252	0.3641	0.0510	0.0548	0.4936	0.2490	
26-49	0.0000	0.0027	0.0021	0.3114	0.1064	0.0670	0.0368	0.0724	0.0762	0.0406	0.0718	
50 or Older	0.4601	0.0463	0.1034	0.0312	0.2093	0.1573	0.7857	0.2384	0.2417	0.7141	0.7654	
GENDER												
Male	0.1807	0.0010	0.0140	0.4046	0.9609	0.0545	0.6664	0.3843	0.3091	0.9431	0.1340	
Female	0.0003	0.0083	0.0013	0.0005	0.3587	0.0273	0.0473	0.0017	0.0082	0.1033	0.4146	
HISPANIC ORIGIN AND RACE												
Not Hispanic or Latino	0.0001	0.0000	0.0001	0.0004	0.7478	0.0043	0.0841	0.0021	0.0035	0.2243	0.1872	
White	0.0000	0.0000	0.0000	0.0003	0.7163	0.0034	0.0702	0.0035	0.0057	0.2369	0.3090	
Black or African American	0.6981	0.3964	0.6960	0.0129	0.7985	0.2862	0.8979	0.5064	0.7913	0.3458	0.3911	
AIAN	0.6231	*	0.9842	0.1785	0.5998	0.4785	0.9961	0.9795	0.6846	0.5037	0.7656	
NHOPI	*	*	*	0.9154	0.7971	0.5250	0.2309	0.2417	0.6059	0.2514	0.2106	
Asian	0.1348	0.0023	0.3912	0.9286	0.0794	0.2806	0.1196	0.1047	0.1228	0.5199	0.2489	
Two or More Races	*	0.1300	0.6587	0.1291	0.4331	0.9900	0.3381	0.0423	0.4952	0.3261	0.9070	
Hispanic or Latino	0.3574	0.3629	0.0932	0.9206	0.0314	0.2076	0.2549	0.6831	0.8609	0.6599	0.3162	

* = 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: Respondents with no mental illness may still have received mental health services for a past disorder that is in partial or full remission or treatment for a disorder that was not included in the definition of mental illness or for other reasons. 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.

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 *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 10.15C Received Mental Health Services in Past Year among Persons Aged 18 or Older with Past Year Any Mental Illness Excluding Serious Mental Illness, by Demographic Characteristics: Standard Errors of Numbers in Thousands, 2008-2019

Demographic Characteristic	2008 ¹	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
TOTAL	433	371	397	373	407	460	340	352	343	339	373	381
AGE GROUP												
18-25	59	57	55	63	66	69	70	68	73	95	78	100
26 or Older	425	364	395	367	399	460	329	345	333	318	360	372
26-49	227	238	232	228	239	258	184	191	184	191	208	214
50 or Older	367	282	311	288	311	368	276	275	272	251	287	286
GENDER												
Male	211	243	237	213	197	236	195	200	189	191	204	219
Female	368	286	314	316	347	381	276	280	275	282	301	297
HISPANIC ORIGIN AND RACE												
Not Hispanic or Latino	421	353	372	363	389	421	332	333	323	323	350	355
White	397	338	359	340	362	395	288	301	307	298	323	336
Black or African American	117	80	108	104	133	136	115	100	75	86	91	91
AIAN	*	*	*	*	*	*	*	*	*	*	*	*
NHOPI	*	*	*	*	*	*	*	*	*	*	*	*
Asian	28	47	34	69	36	48	98	72	63	48	67	51
Two or More Races	*	*	26	*	36	*	47	45	40	35	32	49
Hispanic or Latino	91	108	129	108	107	178	100	93	104	115	125	119

* = 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: 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 *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 10.15D Received Mental Health Services in Past Year among Persons Aged 18 or Older with Past Year Any Mental Illness Excluding Serious Mental Illness, by Demographic Characteristics: Standard Errors of Percentages, 2008-2019

Demographic Characteristic	2008 ¹	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
TOTAL	1.06	0.94	0.95	0.93	0.92	1.03	0.79	0.81	0.81	0.77	0.79	0.73
AGE GROUP												
18-25	1.00	1.01	0.98	1.02	1.00	1.07	1.12	0.97	1.04	1.09	0.98	1.09
26 or Older	1.22	1.09	1.10	1.08	1.08	1.21	0.90	0.95	0.94	0.91	0.94	0.88
26-49	1.16	1.18	1.18	1.24	1.22	1.25	0.96	0.98	0.96	0.96	0.95	0.87
50 or Older	2.53	2.08	2.09	1.87	1.84	2.20	1.60	1.71	1.67	1.67	1.75	1.69
GENDER												
Male	1.49	1.54	1.51	1.42	1.31	1.58	1.24	1.22	1.20	1.18	1.22	1.17
Female	1.38	1.19	1.24	1.26	1.20	1.34	1.03	1.08	1.04	1.01	1.02	0.95
HISPANIC ORIGIN AND RACE												
Not Hispanic or Latino	1.14	1.01	1.02	0.99	0.98	1.08	0.86	0.87	0.90	0.85	0.86	0.79
White	1.28	1.12	1.16	1.14	1.11	1.23	0.95	0.97	1.03	0.95	0.97	0.89
Black or African American	2.66	2.14	2.67	2.56	2.82	2.98	2.54	2.35	2.01	2.05	2.10	1.96
AIAN	*	*	*	*	*	*	*	*	*	*	*	*
NHOPI	*	*	*	*	*	*	*	*	*	*	*	*
Asian	2.59	3.95	2.82	4.75	2.65	4.08	5.42	4.49	3.83	2.77	3.22	2.90
Two or More Races	*	*	5.51	*	5.49	*	5.08	4.98	4.47	4.01	3.86	4.13
Hispanic or Latino	2.06	2.33	2.86	2.50	2.42	3.05	1.93	1.91	2.02	2.05	1.91	1.83

* = 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: 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, 2008-2019.

Table 10.15P Received Mental Health Services in Past Year among Persons Aged 18 or Older with Past Year Any Mental Illness Excluding Serious Mental Illness, by Demographic Characteristics: P Values from Tests of Differences of Percentages, 2019 Versus 2008-2018

Demographic Characteristic	2008 ¹	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
TOTAL	0.0116	0.0004	0.0313	0.0025	0.0179	0.9866	0.9333	0.3470	0.2877	0.0186	0.4119	
AGE GROUP												
18-25	0.0003	0.0009	0.0007	0.0122	0.1404	0.1217	0.0034	0.0002	0.1013	0.5088	0.4017	
26 or Older	0.0394	0.0019	0.0845	0.0070	0.0252	0.8786	0.5661	0.8782	0.4132	0.0220	0.4894	
26-49	0.0023	0.0034	0.0577	0.0037	0.0398	0.0660	0.5174	0.1292	0.0366	0.0524	0.3544	
50 or Older	0.7265	0.0995	0.4398	0.2096	0.1800	0.1626	0.3337	0.4064	0.7220	0.1298	0.8133	
GENDER												
Male	0.0320	0.6016	0.0547	0.1329	0.0143	0.6375	0.7223	0.9373	0.0690	0.2090	0.2676	
Female	0.0711	0.0000	0.3403	0.0101	0.2192	0.9111	0.7548	0.2866	0.9567	0.0481	0.8878	
HISPANIC ORIGIN AND RACE												
Not Hispanic or Latino	0.0728	0.0009	0.0177	0.0032	0.0339	0.9746	0.7542	0.3825	0.5924	0.0128	0.4544	
White	0.0816	0.0004	0.0339	0.0013	0.0303	0.6810	0.6449	0.1328	0.5769	0.0256	0.7647	
Black or African American	0.6591	0.0367	0.3031	0.5973	0.3993	0.7131	0.5439	0.3594	0.2239	0.4838	0.3502	
AIAN	*	*	*	*	*	*	*	*	*	*	*	
NHOPI	*	*	*	*	*	*	*	*	*	*	*	
Asian	0.0563	0.6207	0.1932	0.5014	0.1020	0.6919	0.0557	0.5102	0.4620	0.6837	0.2082	
Two or More Races	*	*	0.5931	*	0.9366	*	0.4698	0.9725	0.4970	0.3166	0.0205	
Hispanic or Latino	0.0007	0.0542	0.6776	0.1074	0.0630	0.9569	0.3627	0.4638	0.0730	0.8877	0.9345	

* = 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: 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.

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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, 2008-2019.