

**National Survey on Drug Use and Health:
Comparison of 2016-2017 and 2017-2018
Population Percentages
(50 States and the District of Columbia)**

Table 1 Illicit Drug Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Total U.S.	10.90 ^a	11.43	0.000	7.88	7.96	0.654	23.69	24.04	0.280	9.18 ^a	9.82	0.000	11.21 ^a	11.78	0.000
Northeast	11.55	11.88	0.167	8.06	8.31	0.459	27.12	26.53	0.379	9.45 ^b	9.96	0.068	11.87	12.20	0.196
Midwest	10.32 ^a	11.01	0.000	7.82	7.90	0.781	23.06	23.80	0.158	8.50 ^a	9.29	0.001	10.57 ^a	11.32	0.000
South	9.15 ^a	9.60	0.004	7.29	7.24	0.821	20.75	20.94	0.678	7.51 ^a	8.08	0.004	9.34 ^a	9.84	0.003
West	13.73 ^a	14.39	0.012	8.73	8.93	0.610	26.29	27.29	0.145	12.24 ^a	12.95	0.030	14.24 ^a	14.95	0.014
Alabama	8.67 ^a	10.74	0.000	7.21	7.77	0.455	19.11	21.12	0.161	7.15 ^a	9.43	0.000	8.82 ^a	11.04	0.000
Alaska	16.81	18.05	0.150	10.61	9.19	0.203	27.92	27.48	0.798	15.75 ^b	17.66	0.073	17.50	19.02	0.112
Arizona	10.77 ^a	12.46	0.008	7.80	7.42	0.640	21.28	22.20	0.536	9.39 ^a	11.47	0.009	11.09 ^a	12.98	0.007
Arkansas	10.51	10.69	0.737	7.57	6.75	0.222	18.52	18.76	0.860	9.55	9.87	0.647	10.82	11.11	0.640
California	13.11	13.44	0.386	8.20	8.53	0.530	26.30	26.81	0.609	11.46	11.82	0.451	13.61	13.94	0.439
Colorado	17.83 ^a	19.64	0.031	9.83	10.92	0.292	33.95	36.37	0.194	16.14 ^b	18.00	0.066	18.63 ^a	20.51	0.041
Connecticut	12.33 ^a	14.34	0.003	9.64	10.45	0.396	32.68	32.64	0.985	9.34 ^a	11.83	0.002	12.60 ^a	14.71	0.005
Delaware	11.71 ^a	13.13	0.022	9.71	9.90	0.854	26.00	28.48	0.111	9.80 ^a	11.25	0.049	11.90 ^a	13.43	0.022
District of Columbia	19.92	19.91	0.992	11.20	10.51	0.538	36.86	35.08	0.360	17.21	17.75	0.612	20.41	20.44	0.973
Florida	10.36	10.71	0.359	8.89	8.35	0.334	24.30	24.51	0.826	8.60	9.08	0.281	10.49	10.91	0.302
Georgia	8.34 ^a	9.51	0.004	6.57	6.89	0.591	20.23	21.74	0.212	6.57 ^a	7.82	0.011	8.54 ^a	9.80	0.006
Hawaii	9.60	10.26	0.307	7.62	6.50	0.161	19.26	18.62	0.656	8.48	9.52	0.180	9.78	10.60	0.246
Idaho	9.02	9.44	0.407	7.67	7.45	0.772	17.59	17.49	0.936	7.79	8.38	0.346	9.19	9.68	0.381
Illinois	10.05 ^a	11.01	0.015	8.34	8.27	0.914	25.72	24.51	0.293	7.71 ^a	9.19	0.002	10.22 ^a	11.29	0.014
Indiana	11.24	11.85	0.258	7.58	7.79	0.769	23.72	24.66	0.509	9.53	10.15	0.335	11.64	12.28	0.277
Iowa	8.10 ^a	9.39	0.006	6.26	7.30	0.159	19.47	20.04	0.673	6.29 ^a	7.77	0.009	8.29 ^a	9.60	0.011
Kansas	8.31	8.81	0.263	6.83	6.49	0.621	17.61	17.44	0.889	6.84	7.59	0.186	8.47	9.07	0.234
Kentucky	9.09 ^a	10.22	0.033	7.46	7.18	0.699	18.65	18.75	0.937	7.73 ^a	9.21	0.023	9.26 ^a	10.53	0.030
Louisiana	9.29	9.64	0.481	6.95	6.59	0.608	21.05	21.53	0.715	7.64	8.10	0.449	9.54	9.96	0.443
Maine	16.35	17.53	0.173	10.67	11.32	0.558	36.10	36.55	0.814	14.25	15.64	0.173	16.83	18.05	0.194
Maryland	11.88	11.55	0.562	9.05	8.82	0.792	28.26	26.51	0.282	9.70	9.62	0.903	12.16	11.82	0.584
Massachusetts	16.00	15.84	0.830	10.90	11.30	0.687	33.41	34.16	0.685	13.55	13.19	0.694	16.46	16.25	0.790
Michigan	13.39 ^a	14.38	0.035	9.40	9.44	0.946	26.48 ^a	30.15	0.002	11.67	12.35	0.240	13.80 ^a	14.87	0.037
Minnesota	9.12 ^a	10.65	0.003	7.30	7.70	0.635	20.93 ^b	23.41	0.084	7.46 ^a	9.01	0.013	9.31 ^a	10.96	0.004
Mississippi	9.27	8.71	0.262	7.02	6.45	0.409	18.85	18.13	0.600	7.90	7.40	0.386	9.51	8.96	0.309
Missouri	10.36	10.22	0.779	8.26	7.62	0.407	20.72	21.61	0.521	8.93	8.72	0.725	10.58	10.49	0.869
Montana	14.33 ^a	15.80	0.044	10.37	10.99	0.526	27.14	29.03	0.252	12.71 ^b	14.25	0.089	14.70 ^b	16.25	0.053

See notes at end of table.

(continued)

Table 1 Illicit Drug Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	9.04	9.50	0.352	6.65	7.29	0.416	22.11	23.21	0.459	7.02	7.37	0.555	9.30	9.74	0.422
Nevada	13.42 ^a	16.34	0.000	10.15	10.15	0.999	27.74 ^a	34.01	0.000	11.72 ^a	14.55	0.001	13.75 ^a	16.96	0.000
New Hampshire	14.28 ^b	15.47	0.099	9.87	10.71	0.349	32.43	31.76	0.709	11.93 ^b	13.48	0.073	14.68	15.89	0.121
New Jersey	8.45 ^b	9.20	0.084	6.37	7.07	0.311	25.09	22.66	0.109	6.22 ^a	7.47	0.017	8.66	9.41	0.115
New Mexico	13.51	14.09	0.456	11.00	10.50	0.628	26.72	25.73	0.564	11.65	12.65	0.293	13.78	14.47	0.420
New York	11.06	11.36	0.441	7.86	7.85	0.985	25.04	25.90	0.404	9.12	9.43	0.520	11.35	11.68	0.442
North Carolina	9.76	9.25	0.238	7.59	8.02	0.550	21.08	21.15	0.950	8.23	7.53	0.188	9.98	9.37	0.206
North Dakota	7.68 ^a	8.73	0.036	6.29	6.09	0.777	16.18	18.38	0.105	6.09 ^b	7.11	0.091	7.81 ^a	8.98	0.033
Ohio	10.15	10.03	0.760	7.50	7.53	0.956	22.94	22.30	0.519	8.43	8.39	0.943	10.42	10.28	0.748
Oklahoma	8.42 ^a	9.47	0.023	7.01	7.24	0.777	19.79	20.74	0.471	6.65 ^a	7.85	0.031	8.57 ^a	9.71	0.026
Oregon	20.91	19.97	0.281	11.75	10.79	0.369	36.01	35.56	0.814	19.60	18.63	0.357	21.74	20.80	0.320
Pennsylvania	10.15	9.85	0.447	6.73	6.72	0.980	23.74 ^a	21.07	0.010	8.42	8.48	0.903	10.47	10.14	0.446
Rhode Island	17.45	16.71	0.341	11.81	10.54	0.226	33.07	31.46	0.350	15.24	14.75	0.602	17.95	17.24	0.404
South Carolina	8.36 ^a	9.84	0.004	7.71	7.80	0.914	20.91	21.15	0.856	6.48 ^a	8.35	0.002	8.42 ^a	10.04	0.004
South Dakota	8.58	8.45	0.793	7.34	6.91	0.582	20.78	19.56	0.373	6.67	6.79	0.833	8.71	8.62	0.858
Tennessee	9.63	9.99	0.477	7.49	7.54	0.951	22.69	21.73	0.482	7.80	8.45	0.293	9.84	10.24	0.486
Texas	7.64	7.85	0.485	6.23	6.10	0.788	17.17	16.91	0.752	6.14	6.50	0.325	7.81	8.06	0.459
Utah	8.05	7.58	0.268	6.10	6.02	0.914	17.00	16.42	0.650	6.39	5.90	0.337	8.32	7.80	0.275
Vermont	19.41	20.30	0.332	11.80 ^b	13.92	0.090	40.32	38.41	0.375	16.53	17.79	0.245	20.05	20.82	0.433
Virginia	8.22	8.64	0.302	6.73	7.05	0.612	20.77	21.97	0.337	6.39	6.72	0.474	8.37	8.80	0.339
Washington	16.87	17.89	0.212	10.50	11.31	0.397	27.56 ^a	31.44	0.022	15.93	16.59	0.501	17.48	18.51	0.249
West Virginia	9.00 ^a	10.58	0.002	6.67	7.42	0.362	19.30	20.20	0.511	7.74 ^a	9.52	0.004	9.21 ^a	10.86	0.003
Wisconsin	9.12 ^a	10.39	0.012	6.97	7.48	0.504	21.69	22.74	0.446	7.31 ^a	8.72	0.023	9.34 ^a	10.67	0.017
Wyoming	8.63	8.96	0.503	7.54	8.05	0.582	17.78	18.38	0.650	7.30	7.62	0.591	8.74	9.06	0.563

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Illicit Drug Use includes the misuse of prescription psychotherapeutics or the use of marijuana, cocaine (including crack), heroin, hallucinogens, inhalants, or methamphetamine. Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 2 Marijuana Use in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Total U.S.	14.50 ^a	15.47	0.000	12.19	12.45	0.242	33.91 ^a	34.80	0.018	11.61 ^a	12.73	0.000	14.73 ^a	15.77	0.000
Northeast	15.10 ^a	15.97	0.003	12.29 ^b	13.00	0.075	37.92	38.99	0.151	11.77 ^a	12.69	0.010	15.36 ^a	16.24	0.005
Midwest	13.88 ^a	14.99	0.000	12.74	12.58	0.657	33.63 ^a	34.75	0.038	10.74 ^a	12.05	0.000	14.00 ^a	15.24	0.000
South	12.25 ^a	12.92	0.000	10.99	11.20	0.486	30.28	30.14	0.765	9.49 ^a	10.40	0.000	12.38 ^a	13.10	0.001
West	18.17 ^a	19.57	0.000	13.58	13.96	0.411	36.86 ^a	39.08	0.001	15.62 ^a	17.07	0.000	18.64 ^a	20.14	0.000
Alabama	10.54 ^a	12.59	0.000	9.67	10.24	0.510	26.35	27.09	0.607	8.08 ^a	10.55	0.000	10.63 ^a	12.82	0.000
Alaska	22.73	23.72	0.297	16.51	16.42	0.946	39.44	39.30	0.939	20.74	22.14	0.226	23.43	24.52	0.287
Arizona	13.85 ^a	16.71	0.000	11.05	11.97	0.380	29.75	32.34	0.126	11.55 ^a	14.72	0.000	14.14 ^a	17.20	0.000
Arkansas	12.60	13.40	0.184	10.87	11.38	0.547	27.09	26.85	0.877	10.43	11.46	0.153	12.78	13.61	0.211
California	17.39 ^a	18.43	0.019	13.30	13.82	0.479	36.53 ^a	39.23	0.008	14.63 ^b	15.54	0.094	17.81 ^a	18.89	0.025
Colorado	24.86 ^a	26.78	0.040	16.97	16.93	0.976	48.81	49.23	0.822	21.88 ^a	24.37	0.030	25.65 ^a	27.77	0.038
Connecticut	16.22 ^a	18.45	0.001	14.73	16.09	0.206	45.21	46.38	0.538	11.68 ^a	14.22	0.003	16.37 ^a	18.68	0.002
Delaware	14.80 ^a	17.11	0.001	13.48	14.03	0.628	37.20 ^a	41.09	0.034	11.60 ^a	13.97	0.004	14.92 ^a	17.40	0.001
District of Columbia	26.35	26.47	0.914	14.60	16.41	0.166	53.20	51.93	0.576	21.90	22.44	0.660	27.01	27.03	0.984
Florida	13.69	14.34	0.147	13.46	13.01	0.520	35.77	34.58	0.276	10.69 ^a	11.75	0.050	13.71	14.45	0.124
Georgia	11.64 ^a	13.50	0.000	10.39	11.61	0.149	29.91	30.91	0.497	8.73 ^a	10.86	0.001	11.78 ^a	13.71	0.001
Hawaii	13.14	14.29	0.155	11.43	11.20	0.818	27.14	28.28	0.482	11.39	12.73	0.170	13.29	14.56	0.147
Idaho	12.62 ^b	13.78	0.059	12.00	12.29	0.752	28.40	28.29	0.947	10.09 ^a	11.58	0.049	12.70 ^b	13.96	0.065
Illinois	13.83 ^a	15.27	0.004	13.34	13.94	0.433	35.26	34.93	0.782	10.42 ^a	12.31	0.002	13.88 ^a	15.41	0.006
Indiana	14.42 ^b	15.61	0.061	13.31	13.01	0.756	33.87	35.80	0.249	11.16 ^b	12.46	0.095	14.54 ^b	15.89	0.053
Iowa	11.39 ^b	12.41	0.058	10.22	10.42	0.822	30.88	31.69	0.612	8.05 ^b	9.25	0.071	11.51 ^b	12.61	0.063
Kansas	11.93 ^a	13.71	0.002	11.76	11.68	0.931	28.87	29.44	0.704	8.93 ^a	11.19	0.001	11.95 ^a	13.93	0.002
Kentucky	12.86	12.87	0.984	11.94	11.62	0.731	28.74	27.04	0.290	10.39	10.75	0.623	12.95	13.00	0.946
Louisiana	12.23	12.22	0.982	9.92	9.16	0.362	28.98	28.68	0.847	9.76	9.95	0.768	12.48	12.54	0.915
Maine	21.94 ^b	23.85	0.056	15.81	15.70	0.929	45.67 ^b	49.15	0.068	19.36 ^b	21.34	0.093	22.46 ^b	24.53	0.053
Maryland	15.48	14.59	0.175	13.76	12.33	0.149	39.47	37.68	0.312	12.00	11.39	0.427	15.65	14.81	0.241
Massachusetts	19.96	20.56	0.467	16.39	17.07	0.571	44.93	46.36	0.479	16.03	16.52	0.627	20.28	20.87	0.511
Michigan	16.69 ^a	18.45	0.001	14.15	13.78	0.660	38.00 ^a	40.92	0.022	13.41 ^a	15.28	0.003	16.94 ^a	18.91	0.000
Minnesota	13.71 ^a	15.58	0.002	12.95	12.46	0.638	32.75 ^a	36.96	0.012	10.78 ^a	12.61	0.014	13.78 ^a	15.90	0.001
Mississippi	11.40	11.58	0.732	10.69	10.77	0.926	26.78	24.71	0.162	8.82	9.45	0.330	11.48	11.67	0.741
Missouri	13.75	14.57	0.179	11.81	12.10	0.740	31.87	31.90	0.989	11.03	12.10	0.150	13.95	14.82	0.192
Montana	19.53	19.61	0.916	15.91	14.69	0.259	40.51	40.15	0.843	16.57	16.92	0.721	19.86	20.07	0.815

See notes at end of table.

(continued)

Table 2 Marijuana Use in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	11.51 ^a	12.68	0.033	12.04	12.46	0.681	30.55	31.94	0.413	8.06 ^a	9.31	0.048	11.46 ^a	12.70	0.037
Nevada	16.82 ^a	21.85	0.000	14.37	14.27	0.934	35.81 ^a	42.55	0.000	14.34 ^a	19.79	0.000	17.06 ^a	22.61	0.000
New Hampshire	18.62 ^a	20.49	0.028	15.44	16.07	0.569	43.17	45.17	0.312	15.15 ^a	17.19	0.045	18.90 ^a	20.89	0.031
New Jersey	12.04	12.30	0.620	10.28	11.07	0.329	35.36	33.96	0.397	8.77	9.27	0.428	12.21	12.42	0.716
New Mexico	17.51	18.72	0.154	15.62	16.18	0.627	33.63	33.37	0.887	15.09	16.66	0.138	17.71	18.99	0.171
New York	14.50 ^b	15.28	0.085	11.88	12.49	0.369	36.10	37.99	0.125	11.26	11.98	0.190	14.74	15.53	0.107
North Carolina	12.06	12.81	0.129	10.48	11.40	0.278	29.70	30.50	0.559	9.47	10.21	0.213	12.23	12.96	0.177
North Dakota	10.95 ^b	11.96	0.076	10.27	9.80	0.610	24.99	27.49	0.157	8.13	9.11	0.134	11.02 ^b	12.17	0.062
Ohio	13.76	13.76	0.994	12.17	11.72	0.543	34.53	34.75	0.850	10.65	10.69	0.938	13.92	13.96	0.938
Oklahoma	12.09	12.93	0.174	11.31	10.85	0.617	29.15	30.16	0.545	9.26	10.28	0.177	12.18	13.15	0.147
Oregon	26.51	27.53	0.312	17.01	16.09	0.458	47.57	49.57	0.314	24.36	25.48	0.355	27.38	28.56	0.275
Pennsylvania	13.21 ^a	14.18	0.038	10.36	11.03	0.353	33.74	34.65	0.435	10.34 ^b	11.41	0.063	13.47 ^a	14.47	0.048
Rhode Island	20.76	20.74	0.984	15.27	15.36	0.936	43.67	42.90	0.672	17.21	17.39	0.849	21.24	21.21	0.973
South Carolina	11.09 ^a	13.69	0.000	10.57 ^b	12.32	0.055	28.27	29.50	0.409	8.48 ^a	11.44	0.000	11.14 ^a	13.82	0.000
South Dakota	12.35	12.12	0.696	12.51 ^b	10.83	0.081	29.11	28.62	0.762	9.48	9.52	0.956	12.33	12.26	0.908
Tennessee	13.38	13.09	0.626	11.68	11.61	0.943	32.11	29.95	0.164	10.61	10.64	0.971	13.55	13.24	0.626
Texas	10.55	11.07	0.143	9.61	9.90	0.619	26.19	26.36	0.866	7.88	8.54	0.133	10.67	11.21	0.163
Utah	10.40	10.87	0.361	9.20	8.81	0.664	23.74	24.23	0.750	7.64	8.26	0.313	10.58	11.16	0.307
Vermont	23.84	25.33	0.147	17.88 ^b	20.69	0.057	50.08	51.44	0.513	19.86	21.27	0.257	24.34	25.71	0.210
Virginia	11.78	11.93	0.738	10.35	10.69	0.667	30.99	31.48	0.720	8.87	8.99	0.818	11.92	12.05	0.786
Washington	22.49	23.48	0.289	14.97	16.11	0.323	42.12	44.50	0.185	20.30	21.16	0.448	23.21	24.18	0.344
West Virginia	12.91 ^a	14.39	0.022	10.70	11.42	0.431	28.80	30.39	0.350	10.81 ^a	12.40	0.039	13.10 ^a	14.65	0.027
Wisconsin	12.70	13.58	0.146	12.61	11.66	0.302	30.13	30.66	0.742	9.84	11.04	0.102	12.71	13.77	0.108
Wyoming	12.15	13.08	0.136	11.75	12.53	0.477	29.33	30.40	0.524	9.46	10.49	0.168	12.19	13.14	0.162

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 3 Marijuana Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Total U.S.	9.23 ^a	9.83	0.000	6.46	6.56	0.568	21.45 ^a	22.12	0.033	7.56 ^a	8.25	0.000	9.51 ^a	10.16	0.000
Northeast	9.83 ^a	10.25	0.050	6.76	6.82	0.822	24.86	24.74	0.843	7.77 ^a	8.35	0.021	10.12 ^b	10.56	0.052
Midwest	8.76 ^a	9.39	0.000	6.40	6.47	0.751	20.83 ^a	21.85	0.036	7.04 ^a	7.70	0.002	9.00 ^a	9.69	0.000
South	7.47 ^a	7.96	0.001	5.78	5.89	0.601	18.44	18.89	0.272	5.91 ^a	6.47	0.002	7.65 ^a	8.17	0.001
West	11.98 ^a	12.89	0.000	7.42	7.55	0.718	24.18 ^a	25.51	0.034	10.51 ^a	11.48	0.001	12.45 ^a	13.44	0.000
Alabama	6.37 ^a	8.31	0.000	5.26	6.18	0.116	16.48 ^b	18.67	0.078	4.86 ^a	6.91	0.000	6.48 ^a	8.53	0.000
Alaska	15.81	16.56	0.384	8.84	7.88	0.291	26.27	26.27	1.000	14.97	16.10	0.284	16.59	17.51	0.329
Arizona	8.38 ^a	10.93	0.000	6.31	6.28	0.959	19.09	21.07	0.161	6.85 ^a	9.83	0.000	8.59 ^a	11.41	0.000
Arkansas	8.19	8.60	0.417	5.81	5.62	0.748	15.96	16.20	0.843	7.21	7.73	0.372	8.44	8.91	0.393
California	11.33 ^b	11.97	0.070	6.93	7.05	0.808	24.07	25.06	0.285	9.70 ^b	10.39	0.099	11.78 ^b	12.46	0.074
Colorado	16.43	17.33	0.233	9.02	9.39	0.681	31.74	33.21	0.426	14.81	15.73	0.313	17.18	18.12	0.254
Connecticut	10.59 ^a	12.06	0.017	7.91	8.35	0.566	30.35	30.08	0.876	7.69 ^a	9.58	0.008	10.86 ^a	12.42	0.019
Delaware	9.95 ^a	11.16	0.028	7.45	8.19	0.346	23.73 ^b	26.72	0.060	8.17 ^b	9.22	0.097	10.18 ^a	11.44	0.035
District of Columbia	17.17	16.63	0.532	8.26	8.47	0.812	34.85	32.49	0.242	14.32	14.25	0.950	17.67	17.09	0.525
Florida	8.65 ^b	9.28	0.071	7.48	7.06	0.410	22.39	22.88	0.584	6.88 ^b	7.67	0.058	8.75 ^b	9.47	0.056
Georgia	6.74 ^a	8.23	0.000	5.39	6.05	0.203	18.38	20.18	0.118	4.95 ^a	6.53	0.000	6.89 ^a	8.47	0.000
Hawaii	8.17	8.80	0.261	6.54 ^b	5.31	0.093	17.45	16.70	0.593	7.06	8.09	0.117	8.31	9.11	0.190
Idaho	7.62	8.21	0.177	6.34	6.28	0.923	16.07	16.49	0.728	6.40	7.11	0.180	7.78	8.45	0.169
Illinois	8.81 ^a	9.64	0.023	6.89	6.86	0.965	23.51	22.59	0.398	6.66 ^a	7.92	0.005	9.01 ^a	9.93	0.023
Indiana	9.29 ^b	10.20	0.056	6.51	6.77	0.671	20.70	22.85	0.138	7.65	8.46	0.141	9.59 ^b	10.57	0.060
Iowa	6.65	7.04	0.279	5.11	5.36	0.657	17.29	17.54	0.836	4.93	5.39	0.289	6.80	7.21	0.307
Kansas	6.62	6.34	0.477	5.16	4.53	0.250	16.04	14.54	0.202	5.12	5.13	0.984	6.78	6.54	0.579
Kentucky	7.77	8.19	0.316	6.01	5.93	0.905	17.38	17.42	0.977	6.41	6.98	0.255	7.95	8.42	0.304
Louisiana	7.60	7.69	0.824	5.67	5.12	0.349	18.80	18.83	0.983	5.99	6.22	0.640	7.80	7.96	0.730
Maine	15.81	16.57	0.375	9.89	10.31	0.683	34.38	35.17	0.685	13.89	14.75	0.389	16.31	17.09	0.396
Maryland	10.68	9.90	0.144	7.13	6.96	0.799	26.24	24.71	0.344	8.71	8.01	0.260	11.04	10.19	0.151
Massachusetts	13.38	13.60	0.722	8.91	9.33	0.606	30.27	31.39	0.521	10.94	11.02	0.921	13.78	13.98	0.770
Michigan	11.61 ^a	12.61	0.027	7.73	7.87	0.801	24.24 ^a	27.50	0.004	9.95	10.70	0.165	12.00 ^a	13.08	0.029
Minnesota	7.71 ^a	9.48	0.000	5.81	6.25	0.471	19.12 ^a	22.09	0.030	6.13 ^a	7.89	0.002	7.91 ^a	9.81	0.000
Mississippi	6.96	6.98	0.949	5.05	4.96	0.879	15.79	15.26	0.670	5.67	5.83	0.736	7.17	7.21	0.936
Missouri	8.42	8.57	0.737	5.80	6.21	0.488	18.57	19.96	0.293	7.08	7.03	0.928	8.68	8.81	0.803
Montana	13.01 ^a	14.46	0.040	8.80	9.65	0.300	25.13	27.30	0.176	11.52 ^b	12.96	0.086	13.40 ^a	14.91	0.048

See notes at end of table.

(continued)

Table 3 Marijuana Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	7.70	8.21	0.277	6.00	6.16	0.811	18.76	20.54	0.222	5.96	6.30	0.515	7.89	8.43	0.289
Nevada	11.81 ^a	15.05	0.000	8.82	9.17	0.726	25.86 ^a	32.09	0.000	10.11 ^a	13.31	0.000	12.11 ^a	15.64	0.000
New Hampshire	12.90 ^b	14.24	0.061	8.64	8.84	0.796	28.93	29.95	0.570	10.86 ^b	12.41	0.066	13.28 ^b	14.72	0.063
New Jersey	7.15 ^b	7.89	0.055	5.16	5.61	0.431	22.34	21.08	0.373	5.12 ^a	6.21	0.013	7.35 ^b	8.11	0.068
New Mexico	11.96	12.98	0.149	9.74	9.58	0.860	24.39	23.96	0.804	10.19 ^b	11.62	0.088	12.20	13.34	0.141
New York	9.47	9.77	0.395	6.75	6.62	0.789	23.35	24.22	0.382	7.50	7.81	0.444	9.72	10.05	0.379
North Carolina	7.92	7.79	0.724	6.04	6.66	0.301	19.04	19.24	0.866	6.40	6.13	0.543	8.12	7.91	0.604
North Dakota	6.44 ^a	7.62	0.005	4.99	4.93	0.913	14.50 ^a	17.12	0.043	4.93 ^a	6.03	0.025	6.57 ^a	7.87	0.005
Ohio	8.58	8.34	0.488	6.33	6.16	0.719	21.27	20.67	0.545	6.83	6.66	0.683	8.81	8.56	0.513
Oklahoma	6.90	7.51	0.135	5.38	5.31	0.904	16.80	17.57	0.532	5.39	6.09	0.144	7.06	7.75	0.128
Oregon	19.23	18.83	0.626	10.35	9.71	0.509	33.15	33.11	0.983	18.07	17.68	0.690	20.04	19.65	0.667
Pennsylvania	8.23	8.38	0.669	5.59	5.31	0.535	21.38 ^b	19.71	0.096	6.48	6.98	0.227	8.47	8.66	0.620
Rhode Island	15.75	14.65	0.127	9.49	8.61	0.293	31.86	29.26	0.135	13.51	12.70	0.352	16.30	15.17	0.150
South Carolina	6.66 ^a	8.32	0.000	5.47	6.34	0.176	18.38	19.18	0.531	4.97 ^a	6.89	0.000	6.77 ^a	8.51	0.000
South Dakota	7.13	7.12	0.966	5.94	5.26	0.255	18.25	17.70	0.659	5.40	5.58	0.709	7.26	7.31	0.908
Tennessee	8.00	8.55	0.223	5.75	6.11	0.562	19.49	19.88	0.766	6.44	7.07	0.232	8.23	8.79	0.250
Texas	5.98	6.06	0.718	4.86	4.82	0.923	14.63	14.67	0.954	4.59	4.72	0.629	6.11	6.21	0.707
Utah	6.25	6.06	0.605	4.71	4.46	0.631	14.71	13.81	0.438	4.63	4.62	0.977	6.47	6.28	0.656
Vermont	18.64	19.30	0.461	10.75 ^b	12.67	0.089	38.80	37.67	0.585	15.91	16.76	0.426	19.30	19.84	0.574
Virginia	6.96	7.27	0.352	5.48	5.64	0.772	18.47	19.50	0.363	5.28	5.53	0.520	7.10	7.43	0.372
Washington	15.30	16.39	0.149	8.96	9.94	0.261	26.48 ^a	30.44	0.019	14.28	15.01	0.422	15.90	17.01	0.183
West Virginia	7.59 ^a	9.42	0.000	5.45	6.25	0.192	16.94	18.91	0.124	6.44 ^a	8.37	0.001	7.78 ^a	9.70	0.001
Wisconsin	7.89 ^a	8.89	0.031	5.91	6.09	0.769	18.82 ^b	21.24	0.067	6.33	7.22	0.108	8.09 ^a	9.17	0.033
Wyoming	7.10	7.73	0.141	5.76	6.34	0.365	16.50	17.57	0.379	5.77	6.38	0.232	7.24	7.88	0.174

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 4 Perceptions of Great Risk from Smoking Marijuana Once a Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Total U.S.	26.91 ^a	25.54	0.000	25.75 ^a	23.61	0.000	12.89 ^a	12.14	0.002	29.35 ^a	27.92	0.000	27.03 ^a	25.73	0.000
Northeast	25.33 ^b	24.58	0.065	25.34 ^a	23.23	0.000	11.80	11.42	0.364	27.51	26.80	0.156	25.33	24.71	0.156
Midwest	23.80 ^a	22.45	0.000	24.74 ^a	22.42	0.000	11.04 ^a	10.17	0.008	25.82 ^a	24.47	0.001	23.70 ^a	22.45	0.001
South	30.51 ^a	28.92	0.000	28.31 ^a	26.05	0.000	15.12 ^a	14.16	0.010	33.27 ^a	31.61	0.000	30.74 ^a	29.21	0.000
West	25.14 ^a	23.58	0.000	22.83 ^a	20.99	0.001	11.89	11.26	0.134	27.64 ^a	25.89	0.000	25.38 ^a	23.84	0.000
Alabama	30.57 ^a	27.27	0.004	31.66 ^a	27.31	0.014	15.68 ^b	13.33	0.051	32.88 ^a	29.50	0.018	30.46 ^a	27.26	0.010
Alaska	17.51	16.93	0.494	18.75	18.39	0.787	11.67 ^a	9.49	0.024	18.36	17.96	0.708	17.38	16.76	0.516
Arizona	27.91 ^a	25.12	0.015	26.53 ^a	21.99	0.005	14.26	14.30	0.968	30.37 ^a	27.28	0.032	28.05 ^a	25.44	0.036
Arkansas	29.61 ^b	27.75	0.076	28.14 ^b	25.07	0.055	14.32	13.78	0.597	32.32	30.36	0.138	29.76	28.03	0.129
California	27.84 ^a	26.22	0.006	23.15	22.11	0.207	12.36	11.97	0.538	31.04 ^a	29.07	0.007	28.32 ^a	26.63	0.009
Colorado	16.53	16.77	0.783	16.21	15.92	0.828	7.34	6.71	0.372	18.08	18.48	0.716	16.56	16.85	0.756
Connecticut	22.00 ^b	20.30	0.089	22.39	20.60	0.257	10.42	9.25	0.199	23.86	22.06	0.149	21.96	20.27	0.117
Delaware	24.32 ^a	21.60	0.010	23.69	22.00	0.262	12.21 ^b	10.54	0.086	26.21 ^a	23.17	0.019	24.38 ^a	21.57	0.014
District of Columbia	16.85	15.49	0.101	20.18	18.94	0.356	7.99	8.23	0.760	18.38 ^b	16.61	0.089	16.66	15.29	0.117
Florida	30.74	30.28	0.512	25.43	25.19	0.789	14.31	13.61	0.341	33.53	33.02	0.552	31.20	30.71	0.523
Georgia	32.22 ^a	29.57	0.003	32.81 ^a	28.56	0.004	15.05	14.10	0.340	35.06 ^a	32.29	0.013	32.15 ^a	29.69	0.011
Hawaii	29.53 ^a	26.02	0.001	23.81	21.40	0.114	13.68 ^b	11.57	0.060	32.30 ^a	28.42	0.003	30.04 ^a	26.43	0.002
Idaho	26.60	25.23	0.169	29.05 ^a	24.94	0.009	13.29	12.46	0.451	28.49	27.41	0.392	26.30	25.27	0.344
Illinois	25.11 ^b	23.81	0.081	23.37 ^a	20.92	0.027	12.25	11.36	0.259	27.43	26.14	0.173	25.29	24.10	0.146
Indiana	25.57 ^a	23.53	0.041	27.07 ^a	22.53	0.002	11.82 ^a	9.38	0.009	27.81	26.11	0.187	25.41	23.64	0.106
Iowa	23.42 ^b	21.71	0.082	25.38 ^a	22.24	0.036	11.75 ^a	9.76	0.034	25.29	23.78	0.223	23.22	21.65	0.142
Kansas	24.51	24.92	0.668	26.59 ^a	23.61	0.047	12.28 ^b	14.28	0.072	26.45	27.00	0.658	24.28	25.07	0.457
Kentucky	27.84	26.17	0.108	28.52 ^a	24.85	0.019	12.62	12.14	0.615	30.26	28.58	0.202	27.77	26.30	0.195
Louisiana	29.08	28.99	0.931	27.75	26.06	0.270	14.73	13.44	0.222	31.63	31.85	0.869	29.22	29.29	0.950
Maine	18.07 ^b	16.30	0.096	19.33 ^a	16.40	0.024	7.90 ^a	6.27	0.014	19.33	17.60	0.179	17.96	16.29	0.144
Maryland	25.11	24.94	0.874	26.24 ^b	23.30	0.052	12.66	12.27	0.689	26.90	27.04	0.913	24.99	25.10	0.921
Massachusetts	19.61	18.49	0.198	20.33 ^b	18.03	0.090	9.02	8.15	0.270	21.37	20.32	0.333	19.54	18.53	0.281
Michigan	21.88	20.78	0.108	23.50	22.96	0.614	9.81 ^b	8.70	0.087	23.74	22.54	0.164	21.72	20.56	0.123
Minnesota	19.25	18.15	0.200	21.73	19.77	0.134	8.70	8.42	0.728	20.64	19.50	0.283	18.99	17.98	0.279
Mississippi	35.07 ^b	32.92	0.064	32.44 ^b	29.44	0.065	21.42	19.70	0.224	37.81	35.64	0.144	35.36	33.30	0.106
Missouri	24.67 ^a	22.68	0.031	26.41	24.29	0.165	11.87	11.80	0.941	26.56 ^a	24.24	0.044	24.49 ^b	22.52	0.051
Montana	20.30	19.12	0.181	20.91	19.41	0.230	9.22	8.19	0.183	22.02	20.82	0.275	20.24	19.09	0.229

See notes at end of table.

(continued)

Table 4 Perceptions of Great Risk from Smoking Marijuana Once a Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	24.15	24.71	0.580	25.60	24.07	0.298	11.93	11.73	0.832	26.16	27.11	0.464	23.99	24.78	0.476
Nevada	23.32	22.00	0.190	18.55	17.94	0.679	10.63	9.11	0.106	25.73	24.29	0.249	23.80	22.40	0.203
New Hampshire	18.97 ^b	17.28	0.064	22.78 ^a	19.93	0.035	7.55	7.19	0.617	20.36	18.56	0.113	18.63	17.04	0.110
New Jersey	32.09	32.14	0.957	29.71 ^b	26.93	0.056	13.18 ^b	14.94	0.093	35.18	35.27	0.949	32.32	32.66	0.772
New Mexico	25.75	24.60	0.273	20.76	20.08	0.625	13.00	12.65	0.749	28.49	27.11	0.300	26.28	25.08	0.296
New York	27.18	26.38	0.256	26.53	25.23	0.200	13.35	12.40	0.206	29.52	28.72	0.361	27.24	26.48	0.319
North Carolina	29.98 ^a	26.83	0.000	27.42 ^a	23.15	0.001	16.47 ^a	13.44	0.002	32.43 ^a	29.38	0.005	30.24 ^a	27.20	0.001
North Dakota	23.18	22.09	0.265	27.78 ^a	24.20	0.019	11.06	10.44	0.548	25.20	24.20	0.430	22.75	21.89	0.415
Ohio	24.68	23.79	0.203	25.70	23.98	0.109	10.53	9.46	0.111	26.83	26.03	0.367	24.58	23.77	0.293
Oklahoma	28.11 ^a	24.74	0.001	25.44 ^a	21.57	0.008	14.47 ^a	12.17	0.037	30.82 ^a	27.28	0.005	28.40 ^a	25.08	0.003
Oregon	17.00	16.38	0.486	16.94 ^a	14.19	0.022	7.96	6.86	0.108	18.38	18.01	0.736	17.01	16.57	0.650
Pennsylvania	24.10	23.57	0.467	25.24 ^a	22.50	0.014	11.67	11.46	0.777	25.92	25.54	0.677	23.99	23.67	0.682
Rhode Island	21.01	20.54	0.606	22.26	21.12	0.448	10.00	9.91	0.918	22.88	22.37	0.651	20.90	20.49	0.673
South Carolina	29.68 ^a	26.53	0.004	27.59 ^a	24.23	0.024	14.69 ^b	12.92	0.088	32.27 ^a	28.86	0.012	29.89 ^a	26.75	0.008
South Dakota	26.48	25.74	0.506	27.66	26.54	0.498	12.79	11.50	0.249	28.68	28.03	0.645	26.35	25.65	0.565
Tennessee	28.40	27.26	0.278	27.15	26.87	0.860	13.80	12.14	0.128	30.88	29.66	0.350	28.52	27.29	0.282
Texas	34.66 ^a	33.27	0.042	30.06	28.49	0.150	17.37	17.57	0.802	38.44 ^a	36.73	0.050	35.21 ^b	33.84	0.068
Utah	28.41	27.70	0.470	36.57 ^a	30.54	0.001	16.27	16.23	0.977	29.76	29.80	0.976	27.27	27.31	0.971
Vermont	15.46	14.99	0.578	17.10	15.49	0.219	6.83	6.59	0.733	16.82	16.41	0.694	15.32	14.95	0.678
Virginia	25.97	24.66	0.122	25.60	23.71	0.152	11.73	10.74	0.265	28.31	26.98	0.206	26.01	24.75	0.171
Washington	18.79 ^a	16.57	0.012	18.89 ^b	16.65	0.084	9.94 ^a	8.12	0.028	20.16 ^a	17.83	0.031	18.78 ^a	16.56	0.020
West Virginia	25.70	25.22	0.662	24.82	22.95	0.227	11.51 ^b	10.04	0.085	27.88	27.63	0.854	25.78	25.42	0.762
Wisconsin	23.26 ^a	20.33	0.003	23.98 ^a	20.27	0.004	10.38	9.76	0.470	25.31 ^a	22.06	0.008	23.19 ^a	20.33	0.007
Wyoming	25.14 ^a	22.73	0.030	26.54 ^b	23.60	0.060	15.53 ^a	13.00	0.043	26.52 ^b	24.13	0.081	24.99 ^b	22.64	0.052

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 5 *First Use of Marijuana, by Age Group and State: Average Annual Initiation Estimates (Expressed as Percentages of the At-Risk Population) and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs*

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Total U.S.	2.03 ^a	2.17	0.001	5.22 ^a	5.50	0.015	7.98	8.32	0.110	0.45 ^a	0.53	0.013	1.48 ^a	1.60	0.005
Northeast	2.17	2.27	0.138	5.34 ^a	5.78	0.014	9.06	9.47	0.255	0.53	0.55	0.659	1.65	1.70	0.428
Midwest	2.21 ^b	2.31	0.085	5.51	5.61	0.495	8.74	8.94	0.467	0.46	0.52	0.124	1.62	1.71	0.117
South	1.70	1.76	0.202	4.75	4.93	0.176	6.59	6.72	0.554	0.35	0.38	0.455	1.20	1.24	0.375
West	2.33 ^a	2.71	0.000	5.66 ^a	6.17	0.010	8.89 ^a	9.76	0.012	0.57 ^a	0.83	0.000	1.73 ^a	2.08	0.000
Alabama	1.55	1.59	0.726	3.91	4.06	0.674	6.30	6.06	0.679	0.35	0.37	0.806	1.18	1.19	0.940
Alaska	3.22	3.39	0.432	7.09	7.80	0.221	8.96	8.50	0.597	1.05	1.14	0.674	2.31	2.35	0.856
Arizona	1.87 ^a	2.38	0.001	4.32 ^b	5.11	0.061	6.83	7.78	0.177	0.53 ^a	0.87	0.007	1.43 ^a	1.88	0.010
Arkansas	1.60	1.63	0.746	4.61	5.01	0.268	5.62	5.92	0.609	0.33	0.29	0.389	1.10	1.08	0.801
California	2.12 ^a	2.56	0.000	5.60 ^a	6.40	0.007	8.43 ^a	9.59	0.020	0.45 ^a	0.68	0.003	1.54 ^a	1.90	0.001
Colorado	3.99	3.85	0.588	7.89	7.65	0.695	15.56 ^b	13.09	0.064	1.09	1.32	0.206	3.14	3.01	0.637
Connecticut	2.72 ^a	3.21	0.005	6.65 ^a	8.08	0.004	10.92	11.55	0.550	0.70	0.84	0.255	1.99	2.27	0.140
Delaware	2.05 ^b	2.30	0.057	5.66 ^a	6.72	0.030	8.22	8.30	0.919	0.49	0.63	0.120	1.46	1.57	0.433
District of Columbia	3.99	4.17	0.585	7.35 ^a	9.03	0.003	14.57	13.31	0.361	1.36	1.53	0.610	3.54	3.51	0.946
Florida	1.69	1.72	0.718	5.70	5.51	0.509	7.73	7.75	0.962	0.37	0.38	0.777	1.15	1.20	0.507
Georgia	1.67 ^b	1.84	0.074	4.47 ^a	5.30	0.011	6.33	6.31	0.976	0.33	0.35	0.708	1.18	1.22	0.689
Hawaii	1.93	2.02	0.475	5.87	6.09	0.659	8.87	7.71	0.186	0.44	0.51	0.479	1.36	1.39	0.835
Idaho	2.01	1.99	0.873	4.68 ^b	5.47	0.063	7.18	6.40	0.245	0.42	0.32	0.178	1.46	1.27	0.153
Illinois	2.10	2.22	0.225	5.84	6.27	0.224	8.45	8.02	0.453	0.41	0.48	0.292	1.47	1.52	0.650
Indiana	2.43	2.58	0.262	6.03	5.98	0.893	8.83	9.67	0.332	0.48	0.52	0.649	1.73	1.90	0.270
Iowa	1.92	1.96	0.773	4.05	4.16	0.765	8.43	8.55	0.879	0.40	0.42	0.786	1.56	1.58	0.833
Kansas	2.06 ^a	2.37	0.025	4.98	5.38	0.305	7.63	8.65	0.165	0.49	0.57	0.325	1.54 ^b	1.80	0.075
Kentucky	1.85	1.90	0.638	5.16	5.08	0.818	6.74	7.02	0.652	0.38	0.42	0.571	1.29	1.36	0.532
Louisiana	1.58	1.66	0.454	4.53	4.22	0.395	5.81	6.77	0.115	0.33	0.37	0.481	1.08	1.23	0.142
Maine	2.53 ^a	3.76	0.000	6.24	6.13	0.843	10.62 ^a	15.78	0.000	0.70 ^a	1.70	0.000	1.87 ^a	3.31	0.000
Maryland	2.15	2.06	0.447	5.88	5.45	0.312	8.99	8.42	0.480	0.51	0.49	0.825	1.52	1.48	0.759
Massachusetts	3.42	3.72	0.181	7.88	8.05	0.766	13.10	14.86	0.195	0.87	0.90	0.833	2.60	2.93	0.186
Michigan	2.46 ^a	2.85	0.001	6.02	6.43	0.221	8.91 ^a	10.44	0.012	0.58 ^b	0.73	0.082	1.80 ^a	2.18	0.004
Minnesota	2.45	2.43	0.900	5.67	5.01	0.112	10.12	9.98	0.872	0.52 ^b	0.68	0.084	1.85	1.94	0.582
Mississippi	1.76	1.74	0.806	4.84	4.76	0.819	6.83	6.39	0.474	0.27	0.33	0.198	1.24	1.23	0.955
Missouri	2.21	2.23	0.866	4.93	5.09	0.634	8.95	8.83	0.879	0.47	0.50	0.635	1.72	1.73	0.962
Montana	2.78	2.85	0.655	6.53	6.24	0.550	10.95	12.03	0.291	0.67	0.71	0.704	2.09	2.22	0.465

See notes at end of table.

(continued)

Table 5 First Use of Marijuana, by Age Group and State: Average Annual Initiation Estimates (Expressed as Percentages of the At-Risk Population) and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	2.27	2.08	0.167	5.20	5.76	0.220	9.72 ^a	7.65	0.028	0.39	0.34	0.491	1.73 ^a	1.42	0.049
Nevada	2.21 ^a	2.75	0.002	6.31	5.83	0.380	8.52 ^a	11.68	0.001	0.55 ^a	0.92	0.006	1.50 ^a	2.18	0.000
New Hampshire	2.83 ^a	3.19	0.040	6.37 ^a	7.34	0.031	11.37	12.73	0.242	0.57	0.73	0.110	2.13	2.37	0.244
New Jersey	1.78	1.82	0.727	4.23 ^a	4.92	0.044	8.54	8.39	0.831	0.39	0.39	0.921	1.38	1.33	0.675
New Mexico	2.80	2.99	0.255	7.54	7.88	0.565	9.54	9.66	0.897	0.72	0.87	0.239	1.90	2.08	0.328
New York	2.02	1.97	0.573	5.21	5.24	0.925	8.16	8.36	0.690	0.51	0.49	0.839	1.53	1.49	0.653
North Carolina	1.81	1.83	0.878	4.93	5.18	0.474	6.90	6.86	0.939	0.41	0.40	0.842	1.30	1.27	0.813
North Dakota	1.89	1.75	0.268	3.79	4.04	0.503	7.46	6.93	0.484	0.42	0.37	0.508	1.61	1.41	0.166
Ohio	2.10	2.23	0.177	5.37	5.27	0.762	8.80	9.31	0.380	0.39 ^a	0.50	0.049	1.51 ^b	1.69	0.072
Oklahoma	1.88	1.94	0.563	4.66	4.87	0.592	6.64	7.14	0.458	0.47	0.47	0.974	1.37	1.41	0.754
Oregon	3.18 ^a	3.72	0.009	6.85	6.75	0.832	12.36 ^b	14.44	0.070	0.87 ^a	1.43	0.001	2.45 ^a	3.13	0.004
Pennsylvania	1.83	1.88	0.535	4.39 ^b	4.98	0.052	7.99	7.74	0.675	0.41	0.38	0.571	1.40	1.36	0.712
Rhode Island	2.79 ^a	3.24	0.017	6.51	7.07	0.236	10.10	11.54	0.159	0.81	1.02	0.156	2.17 ^a	2.57	0.041
South Carolina	1.64 ^b	1.81	0.068	4.55 ^a	5.51	0.013	6.85	6.89	0.952	0.35	0.34	0.884	1.18	1.22	0.694
South Dakota	1.84 ^a	1.58	0.036	4.65	4.17	0.256	7.02	6.85	0.821	0.42	0.31	0.102	1.37 ^b	1.16	0.089
Tennessee	1.68	1.60	0.407	4.77	5.07	0.463	6.37	5.53	0.186	0.31	0.27	0.460	1.16	1.02	0.218
Texas	1.54 ^b	1.69	0.055	4.21	4.37	0.514	5.56 ^b	6.22	0.098	0.27 ^a	0.36	0.034	1.06 ^a	1.22	0.040
Utah	1.70	1.60	0.443	3.19	2.79	0.259	6.10	5.57	0.392	0.36	0.38	0.831	1.40	1.35	0.763
Vermont	3.35 ^a	4.01	0.007	7.25 ^a	9.57	0.000	12.14 ^b	14.66	0.070	0.88	0.88	0.961	2.60	2.96	0.180
Virginia	1.82	1.68	0.176	4.52	4.66	0.675	7.06	6.50	0.357	0.41	0.37	0.532	1.35	1.19	0.156
Washington	2.91 ^a	3.59	0.002	5.81	6.24	0.346	10.30 ^a	12.51	0.024	1.02 ^a	1.48	0.015	2.36 ^a	3.07	0.003
West Virginia	1.52	1.66	0.151	4.61 ^b	5.31	0.087	5.95	6.35	0.528	0.33	0.34	0.927	1.05	1.10	0.570
Wisconsin	2.16 ^b	1.95	0.087	5.56	5.46	0.799	8.34	7.56	0.320	0.50	0.39	0.157	1.57	1.35	0.111
Wyoming	1.87	1.98	0.369	4.45 ^a	5.29	0.043	7.28	6.97	0.655	0.50	0.50	0.995	1.42	1.39	0.838

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: *Average annual initiation of marijuana (%) = 100 * {[X₁ ÷ (0.5 * X₁ + X₂)] ÷ 2}*, where X₁ is the number of marijuana initiates in the past 24 months and X₂ is the number of individuals who never used marijuana (with the at-risk population defined as 0.5 * X₁ + X₂). Both of the computation components, X₁ and X₂, are based on a survey-weighted hierarchical Bayes estimation approach. The age group shown is based on a respondent's age at the time of the interview, not his or her age at first use. For details, see Section B of the "2017-2018 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 6 Illicit Drug Use Other Than Marijuana in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Total U.S.	3.38	3.30	0.283	2.43	2.39	0.738	7.07 ^a	6.56	0.005	2.88	2.88	1.000	3.47	3.39	0.298
Northeast	3.41	3.26	0.238	2.05	2.17	0.402	7.74 ^a	7.08	0.039	2.86	2.78	0.585	3.53	3.36	0.203
Midwest	3.28	3.34	0.554	2.41	2.44	0.850	7.21	6.89	0.217	2.73	2.87	0.293	3.37	3.43	0.571
South	3.17	3.16	0.852	2.53	2.38	0.276	6.63 ^a	6.15	0.044	2.70	2.77	0.511	3.24	3.24	0.961
West	3.76 ^b	3.52	0.069	2.55	2.53	0.931	7.16 ^b	6.54	0.056	3.34	3.15	0.248	3.88 ^b	3.63	0.069
Alabama	3.43	3.50	0.806	2.71	2.88	0.693	6.85	6.07	0.267	2.96	3.17	0.548	3.51	3.57	0.848
Alaska	3.54	3.40	0.673	2.42	2.16	0.534	7.17 ^a	5.82	0.049	3.08	3.16	0.828	3.66	3.53	0.724
Arizona	3.46	3.09	0.222	2.31	2.12	0.581	5.89	5.24	0.293	3.19	2.86	0.367	3.58	3.19	0.247
Arkansas	3.66	3.61	0.897	3.14	2.56	0.142	6.40	6.43	0.966	3.27	3.29	0.967	3.71	3.72	0.970
California	3.82	3.52	0.126	2.46	2.47	0.991	7.00	6.21	0.114	3.45	3.20	0.317	3.96	3.62	0.125
Colorado	3.93 ^a	4.65	0.033	2.63	2.92	0.507	9.03	10.02	0.291	3.25 ^b	4.00	0.067	4.06 ^a	4.82	0.042
Connecticut	3.73	3.65	0.799	2.27	2.28	0.980	9.26	7.89	0.114	3.00	3.12	0.745	3.87	3.78	0.792
Delaware	3.41	3.46	0.892	2.31	2.15	0.669	6.61	6.19	0.487	3.05	3.20	0.713	3.51	3.58	0.862
District of Columbia	5.36	5.36	0.998	3.23	2.75	0.254	9.57	8.37	0.297	4.68	4.98	0.566	5.48	5.50	0.951
Florida	3.18	3.16	0.923	2.54	2.49	0.867	6.34	6.00	0.451	2.81	2.84	0.903	3.23	3.21	0.936
Georgia	3.08	3.06	0.941	2.27	2.07	0.484	5.52	5.55	0.958	2.77	2.77	0.987	3.17	3.17	0.992
Hawaii	2.67	2.82	0.614	2.50	2.24	0.513	6.17	6.23	0.946	2.21	2.42	0.513	2.69	2.87	0.560
Idaho	2.99	2.64	0.157	2.59	2.41	0.663	5.99 ^b	4.86	0.058	2.55	2.30	0.423	3.04	2.67	0.180
Illinois	3.19	3.25	0.812	2.40	2.39	0.977	9.19 ^a	7.28	0.002	2.32	2.71	0.164	3.27	3.33	0.811
Indiana	3.76	3.76	0.985	2.34	2.59	0.497	8.07	7.79	0.734	3.19	3.22	0.925	3.91	3.89	0.943
Iowa	3.02	3.46	0.156	2.25	2.48	0.566	6.58	6.95	0.587	2.48	2.97	0.199	3.10	3.57	0.177
Kansas	2.90	3.22	0.241	2.33	2.42	0.806	5.15	6.17	0.107	2.57	2.80	0.504	2.96	3.30	0.252
Kentucky	2.96	3.21	0.391	2.30	2.33	0.911	5.64	5.54	0.863	2.60	2.94	0.340	3.03	3.30	0.397
Louisiana	3.48	3.37	0.729	2.61	2.48	0.728	6.87	5.96	0.169	3.03	3.07	0.915	3.57	3.47	0.759
Maine	2.97	3.07	0.688	2.14	2.28	0.688	7.40	7.21	0.781	2.45	2.61	0.609	3.04	3.14	0.721
Maryland	3.35	3.24	0.718	2.54	2.28	0.442	8.06 ^b	6.79	0.098	2.72	2.82	0.784	3.43	3.34	0.776
Massachusetts	4.26	4.04	0.524	2.29	2.52	0.507	9.19	8.41	0.416	3.62	3.45	0.677	4.44	4.17	0.489
Michigan	3.68	3.62	0.782	2.58	2.58	0.984	7.23	7.65	0.503	3.22	3.07	0.612	3.80	3.72	0.774
Minnesota	3.17	3.45	0.298	2.58	2.59	0.988	7.46	7.50	0.961	2.56	2.92	0.263	3.23	3.54	0.303
Mississippi	3.35	3.18	0.532	2.89	2.43	0.223	6.32	5.79	0.417	2.89	2.83	0.852	3.40	3.26	0.649
Missouri	3.32	2.94	0.197	3.07	2.38	0.128	5.52	5.25	0.661	2.99	2.63	0.324	3.34	2.99	0.278
Montana	3.59	3.60	0.953	2.92	2.98	0.888	7.76	8.01	0.781	2.99	2.98	0.968	3.65	3.66	0.967

See notes at end of table.

(continued)

Table 6 Illicit Drug Use Other Than Marijuana in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	2.87	2.94	0.780	2.24	2.31	0.864	6.34	6.97	0.404	2.33	2.31	0.942	2.93	3.00	0.800
Nevada	3.89	3.50	0.243	3.35 ^b	2.58	0.082	7.58	6.54	0.159	3.41	3.18	0.561	3.94	3.60	0.339
New Hampshire	3.66	3.46	0.515	2.63	2.89	0.518	10.37	8.84	0.166	2.73	2.70	0.926	3.76	3.51	0.474
New Jersey	2.74	2.62	0.592	1.92	1.91	0.958	6.68 ^a	5.26	0.024	2.25	2.31	0.810	2.82	2.69	0.596
New Mexico	3.68 ^a	3.06	0.033	2.56	2.54	0.963	8.09 ^a	6.21	0.023	3.10	2.61	0.172	3.80 ^a	3.11	0.034
New York	3.30	3.31	0.964	1.91	2.09	0.428	6.89	6.90	0.986	2.87	2.87	0.983	3.43	3.42	0.970
North Carolina	3.28	2.99	0.221	2.52	2.48	0.920	6.87	6.41	0.478	2.80	2.51	0.311	3.36	3.04	0.225
North Dakota	2.97	2.95	0.962	2.31	1.99	0.399	5.92	5.63	0.654	2.43	2.53	0.776	3.03	3.05	0.956
Ohio	3.16	3.15	0.961	2.14	2.31	0.503	6.56	6.19	0.439	2.74	2.77	0.904	3.27	3.24	0.897
Oklahoma	3.22	3.52	0.306	2.43	2.66	0.564	8.24	7.93	0.688	2.45	2.88	0.223	3.30	3.61	0.345
Oregon	4.55	4.19	0.297	3.21	3.04	0.696	9.76	9.01	0.429	3.91	3.61	0.448	4.67	4.30	0.317
Pennsylvania	3.36	2.98	0.106	2.02	2.12	0.719	7.79	7.06	0.188	2.81	2.45	0.188	3.48 ^b	3.05	0.100
Rhode Island	4.31	4.07	0.473	2.84	2.55	0.462	8.90	8.32	0.524	3.64	3.48	0.698	4.44	4.21	0.518
South Carolina	3.73	3.61	0.715	3.38	2.71	0.161	8.18	7.11	0.153	3.07	3.18	0.788	3.76	3.69	0.854
South Dakota	3.19	2.88	0.273	3.00	2.55	0.282	6.51	5.96	0.437	2.65	2.41	0.484	3.21	2.92	0.350
Tennessee	3.48	3.20	0.322	2.60	2.41	0.598	7.79 ^a	6.35	0.032	2.89	2.81	0.798	3.56	3.28	0.354
Texas	2.81	2.95	0.459	2.47	2.25	0.441	6.12	5.79	0.493	2.27	2.55	0.210	2.86	3.03	0.386
Utah	3.09	2.91	0.434	2.20	2.55	0.375	5.78	5.72	0.928	2.64	2.35	0.323	3.21	2.96	0.340
Vermont	4.71	4.30	0.278	2.40	3.13	0.136	14.55 ^a	10.39	0.003	3.23	3.36	0.756	4.91	4.40	0.219
Virginia	3.01	2.91	0.619	2.27	2.19	0.806	6.77	6.49	0.675	2.50	2.42	0.772	3.09	2.98	0.641
Washington	3.86	3.53	0.294	2.71	2.82	0.770	7.21	6.56	0.342	3.47	3.16	0.407	3.97	3.60	0.281
West Virginia	2.94	3.04	0.707	1.89	2.34	0.184	6.30	6.35	0.928	2.56	2.64	0.806	3.04	3.10	0.817
Wisconsin	3.00	3.51	0.102	2.06	2.39	0.344	6.64	6.75	0.856	2.51	3.11	0.115	3.10	3.62	0.126
Wyoming	2.87	2.58	0.243	2.03	2.23	0.620	5.49	5.18	0.609	2.56	2.22	0.272	2.96	2.61	0.219

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Illicit Drug Use Other Than Marijuana Use includes the misuse of prescription psychotherapeutics or the use of cocaine (including crack), heroin, hallucinogens, inhalants, or methamphetamine. Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 7 Cocaine Use in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Total U.S.	2.03	2.10	0.171	0.53	0.48	0.337	5.88	5.99	0.536	1.59	1.67	0.126	2.19	2.26	0.148
Northeast	2.34	2.32	0.832	0.53	0.46	0.260	6.69	6.84	0.642	1.85	1.82	0.777	2.51	2.50	0.866
Midwest	1.77 ^a	1.93	0.015	0.51	0.50	0.879	5.22 ^a	5.72	0.043	1.34 ^b	1.48	0.080	1.90 ^a	2.07	0.015
South	1.75	1.77	0.765	0.42	0.42	0.956	4.99	4.88	0.590	1.39	1.43	0.499	1.89	1.90	0.781
West	2.49	2.63	0.180	0.71	0.56	0.162	7.24	7.35	0.745	1.92	2.11	0.105	2.67	2.84	0.141
Alabama	1.62	1.69	0.634	0.36	0.38	0.732	3.84	4.49	0.144	1.41	1.40	0.928	1.75	1.83	0.650
Alaska	2.32	2.19	0.534	0.71 ^a	0.45	0.048	5.76	5.09	0.326	1.95	1.95	0.976	2.50	2.38	0.606
Arizona	2.11	1.97	0.459	0.66	0.55	0.394	5.85	5.51	0.587	1.67	1.56	0.567	2.27	2.12	0.479
Arkansas	1.48	1.40	0.510	0.51	0.48	0.686	3.75	3.73	0.949	1.23	1.13	0.452	1.58	1.49	0.517
California	2.71	2.80	0.527	0.69	0.51	0.152	7.99	7.68	0.566	2.05	2.27	0.206	2.91	3.04	0.464
Colorado	2.68 ^a	3.82	0.000	0.79	0.78	0.935	8.32 ^a	11.64	0.001	1.98 ^a	2.94	0.001	2.87 ^a	4.13	0.000
Connecticut	2.74 ^a	2.05	0.001	0.60 ^a	0.41	0.045	8.36 ^a	6.17	0.002	2.08 ^a	1.58	0.011	2.95 ^a	2.21	0.001
Delaware	2.02	2.20	0.358	0.37	0.37	0.960	6.20	6.88	0.334	1.58	1.72	0.463	2.18	2.37	0.361
District of Columbia	4.34	4.51	0.647	0.22	0.26	0.565	7.00	7.40	0.621	4.10	4.26	0.706	4.57	4.75	0.651
Florida	1.96	2.00	0.694	0.45	0.48	0.696	6.22	6.08	0.764	1.52	1.60	0.500	2.09	2.13	0.714
Georgia	1.74	1.82	0.590	0.34	0.34	0.907	4.45	4.64	0.676	1.46	1.54	0.625	1.89	1.98	0.598
Hawaii	1.88	2.10	0.274	0.58 ^b	0.35	0.080	5.22	6.02	0.234	1.55	1.75	0.334	1.99	2.25	0.235
Idaho	1.37	1.37	0.999	0.66	0.55	0.462	4.24	3.96	0.574	0.99	1.05	0.641	1.45	1.46	0.932
Illinois	1.94 ^b	2.23	0.054	0.48	0.50	0.776	5.84	6.07	0.637	1.49 ^a	1.83	0.031	2.09 ^b	2.41	0.055
Indiana	1.90	2.14	0.142	0.55	0.63	0.422	5.72	6.53	0.158	1.41	1.57	0.282	2.05	2.30	0.153
Iowa	1.43	1.47	0.779	0.55	0.49	0.623	4.53	4.69	0.753	0.99	1.02	0.791	1.52	1.57	0.747
Kansas	1.58	1.63	0.728	0.55	0.55	0.993	4.89	4.87	0.970	1.13	1.20	0.574	1.70	1.75	0.726
Kentucky	1.60	1.72	0.457	0.54	0.51	0.780	4.74	4.92	0.755	1.21	1.35	0.388	1.70	1.85	0.444
Louisiana	1.43	1.50	0.619	0.28	0.31	0.657	3.69	3.97	0.545	1.19	1.25	0.713	1.55	1.62	0.635
Maine	1.86	2.04	0.326	0.70	0.63	0.600	6.62	7.54	0.165	1.33	1.46	0.480	1.96	2.16	0.307
Maryland	2.11	1.92	0.273	0.35	0.30	0.472	6.20	5.32	0.136	1.69	1.59	0.584	2.29	2.08	0.278
Massachusetts	3.05	2.91	0.575	0.64	0.54	0.422	9.35	9.03	0.734	2.22	2.11	0.639	3.27	3.12	0.586
Michigan	1.70 ^b	1.94	0.089	0.44	0.46	0.871	4.75 ^a	6.02	0.009	1.33	1.44	0.484	1.82 ^b	2.08	0.091
Minnesota	1.70 ^a	2.40	0.000	0.57	0.52	0.636	4.79 ^a	6.65	0.005	1.35 ^a	1.96	0.002	1.82 ^a	2.59	0.000
Mississippi	1.29	1.47	0.211	0.24	0.32	0.292	2.90	3.25	0.364	1.15	1.32	0.281	1.41	1.60	0.229
Missouri	1.59	1.45	0.271	0.47	0.42	0.586	4.44	4.14	0.524	1.26	1.14	0.326	1.71	1.55	0.275
Montana	1.91	1.91	0.986	0.89	0.65	0.216	5.81	6.12	0.647	1.39	1.38	0.954	2.00	2.03	0.890

See notes at end of table.

(continued)

Table 7 Cocaine Use in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	1.68	1.83	0.352	0.60	0.54	0.634	5.65	6.20	0.429	1.11	1.23	0.399	1.80	1.98	0.326
Nevada	2.33	2.27	0.757	0.62	0.54	0.478	5.83	5.84	0.989	2.02	1.96	0.779	2.50	2.44	0.777
New Hampshire	2.20 ^a	2.72	0.018	0.89	0.80	0.688	8.81 ^b	10.65	0.062	1.32 ^a	1.70	0.040	2.32 ^a	2.89	0.015
New Jersey	1.87 ^a	1.47	0.010	0.49	0.34	0.108	6.48 ^a	4.27	0.000	1.34	1.19	0.289	2.01 ^a	1.58	0.011
New Mexico	2.02	2.09	0.695	0.74	0.67	0.656	5.58	5.86	0.657	1.59	1.66	0.722	2.15	2.24	0.666
New York	2.46	2.62	0.358	0.44	0.39	0.545	5.79 ^a	6.88	0.020	2.13	2.18	0.808	2.65	2.82	0.354
North Carolina	1.86	1.85	0.949	0.40	0.43	0.760	5.17	4.86	0.507	1.51	1.54	0.821	2.01	1.99	0.928
North Dakota	1.51	1.48	0.839	0.61	0.45	0.254	4.68	4.52	0.795	0.96	1.00	0.812	1.60	1.58	0.917
Ohio	1.76	1.59	0.124	0.50	0.44	0.495	5.17	4.99	0.659	1.37	1.19	0.121	1.89	1.70	0.130
Oklahoma	1.70	1.94	0.132	0.48	0.51	0.720	5.39	5.88	0.407	1.22	1.46	0.125	1.83	2.10	0.133
Oregon	2.98	3.09	0.640	1.01	0.80	0.364	8.86	9.72	0.340	2.30	2.36	0.819	3.16	3.30	0.591
Pennsylvania	1.98	2.12	0.379	0.54	0.53	0.964	5.57 ^b	6.60	0.054	1.58	1.61	0.862	2.12	2.27	0.378
Rhode Island	2.66	2.61	0.807	0.70	0.56	0.295	7.68	7.34	0.661	1.97	1.99	0.942	2.84	2.79	0.837
South Carolina	1.95	2.07	0.458	0.38	0.46	0.386	5.95	6.24	0.598	1.50	1.62	0.492	2.10	2.23	0.482
South Dakota	1.14	1.14	0.981	0.56	0.43	0.291	3.45	3.60	0.742	0.82	0.82	0.993	1.20	1.22	0.892
Tennessee	1.87	1.88	0.974	0.50	0.47	0.742	5.26	5.02	0.629	1.49	1.55	0.718	2.01	2.02	0.966
Texas	1.47	1.42	0.646	0.46	0.44	0.878	4.42	3.99	0.225	1.08	1.10	0.858	1.59	1.54	0.646
Utah	1.71	1.61	0.543	0.69	0.52	0.262	4.67	4.52	0.791	1.23	1.16	0.634	1.85	1.76	0.626
Vermont	3.50	3.42	0.776	0.93	0.81	0.613	12.24	11.06	0.293	2.23	2.35	0.680	3.72	3.63	0.788
Virginia	1.93	1.82	0.467	0.43	0.37	0.437	5.26	5.19	0.890	1.57	1.45	0.446	2.08	1.96	0.482
Washington	2.33	2.46	0.536	0.70	0.63	0.591	6.52	6.85	0.629	1.87	2.01	0.503	2.49	2.64	0.515
West Virginia	1.65	1.82	0.243	0.61	0.61	0.955	5.07	5.27	0.702	1.26	1.45	0.180	1.75	1.93	0.240
Wisconsin	2.02	2.30	0.124	0.58	0.60	0.895	6.19	6.98	0.240	1.50	1.74	0.170	2.16	2.47	0.125
Wyoming	1.59 ^b	1.31	0.055	0.83	0.54	0.110	4.83	4.23	0.308	1.17 ^b	0.95	0.093	1.67 ^b	1.39	0.075

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 8 Perceptions of Great Risk from Using Cocaine Once a Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Total U.S.	71.55	71.27	0.142	56.01 ^a	54.92	0.002	63.91 ^a	62.82	0.004	74.62	74.50	0.625	73.11	72.89	0.293
Northeast	68.92	69.04	0.744	55.84	54.91	0.134	60.02 ^b	58.69	0.077	71.73	72.14	0.389	70.12	70.32	0.628
Midwest	71.40 ^a	70.55	0.006	54.66 ^a	53.32	0.018	63.40 ^a	61.52	0.005	74.73 ^b	74.06	0.076	73.11 ^a	72.29	0.014
South	75.44	75.59	0.552	57.72 ^a	56.63	0.030	68.49	67.87	0.293	78.68	79.05	0.237	77.26	77.52	0.349
West	67.48 ^a	66.65	0.028	54.58	53.60	0.151	60.09	59.11	0.204	70.23 ^b	69.40	0.073	68.78 ^a	67.96	0.045
Alabama	76.69	76.00	0.381	58.73	56.39	0.187	71.28	70.04	0.419	79.67	79.22	0.642	78.50	77.95	0.523
Alaska	66.25	64.75	0.149	52.81	54.49	0.381	60.84	60.11	0.690	68.89	66.79	0.105	67.73 ^b	65.85	0.097
Arizona	71.38	70.57	0.405	58.15	56.54	0.369	65.19	64.18	0.590	74.02	73.29	0.555	72.76	72.00	0.485
Arkansas	77.28	77.64	0.623	56.96	56.51	0.799	71.37	71.41	0.979	80.74	81.21	0.604	79.41	79.84	0.589
California	67.53	66.63	0.103	54.97	53.54	0.178	59.87	59.60	0.803	70.31	69.31	0.148	68.79	67.93	0.154
Colorado	64.77 ^b	62.84	0.068	52.21	52.47	0.891	56.00	52.99	0.130	67.66	65.59	0.114	66.02 ^b	63.86	0.061
Connecticut	67.67	68.42	0.440	54.86	57.63	0.111	56.31	57.46	0.537	70.97	71.39	0.728	68.91	69.45	0.616
Delaware	71.31	71.15	0.869	56.17	56.12	0.978	66.82 ^b	63.81	0.087	73.60	73.80	0.863	72.71	72.53	0.858
District of Columbia	60.19	58.90	0.281	56.65	57.93	0.507	53.11	53.44	0.864	61.78	59.94	0.210	60.36	58.93	0.256
Florida	76.45	76.53	0.885	57.88 ^b	55.75	0.055	67.40	66.73	0.537	79.51	79.87	0.613	78.04	78.30	0.679
Georgia	77.72	77.30	0.573	61.39	62.35	0.542	70.90 ^a	67.64	0.033	81.00	80.83	0.848	79.54	78.95	0.466
Hawaii	67.73	68.63	0.400	53.74	55.47	0.368	64.35	63.84	0.787	69.62	70.60	0.458	68.97	69.79	0.479
Idaho	71.25	71.22	0.971	55.81	54.21	0.388	65.02	65.09	0.966	74.45	74.60	0.893	73.10	73.24	0.884
Illinois	70.93 ^a	68.95	0.006	55.10	53.16	0.153	63.08	62.22	0.504	74.09 ^a	71.88	0.015	72.55 ^a	70.55	0.010
Indiana	73.31	72.27	0.216	55.61 ^a	51.84	0.035	65.43	62.82	0.130	76.92	76.45	0.653	75.21	74.44	0.401
Iowa	70.59 ^a	68.45	0.023	54.58 ^a	48.98	0.002	61.50 ^a	57.87	0.050	74.13	72.65	0.198	72.22 ^b	70.43	0.078
Kansas	71.79	70.87	0.284	55.70	53.70	0.250	66.16	64.79	0.410	74.88	74.16	0.504	73.56	72.75	0.389
Kentucky	75.46	75.60	0.871	58.35	56.35	0.266	67.12	65.65	0.399	78.82	79.43	0.559	77.18	77.52	0.709
Louisiana	73.91 ^b	75.35	0.081	55.03	54.23	0.645	68.05	70.23	0.182	77.18	78.71	0.139	75.88 ^b	77.53	0.070
Maine	70.18 ^a	67.71	0.018	56.63 ^a	53.12	0.047	59.87	56.86	0.107	72.86 ^b	70.48	0.055	71.31 ^a	68.91	0.032
Maryland	71.40	72.33	0.301	56.74 ^a	52.92	0.038	62.63	63.21	0.747	74.40	75.87	0.186	72.83	74.22	0.157
Massachusetts	63.65	63.74	0.938	54.52 ^b	51.16	0.062	53.75	51.72	0.318	66.31	67.07	0.570	64.46	64.83	0.749
Michigan	72.99	72.86	0.839	53.65	54.26	0.627	64.53	62.94	0.214	76.67	76.62	0.951	74.92	74.68	0.734
Minnesota	66.23	65.72	0.612	52.26	50.84	0.437	59.13 ^b	55.33	0.060	69.00	69.09	0.944	67.64	67.22	0.703
Mississippi	79.47	80.15	0.334	58.42	56.71	0.325	73.37	73.25	0.936	83.23	84.31	0.233	81.76	82.69	0.237
Missouri	73.04	71.87	0.180	56.40	57.97	0.376	63.83	62.01	0.294	76.49	75.04	0.173	74.71	73.25	0.121
Montana	68.34	67.53	0.417	53.99 ^b	50.79	0.060	58.89	57.49	0.435	71.38	70.88	0.687	69.65	69.06	0.587

See notes at end of table.

(continued)

Table 8 Perceptions of Great Risk from Using Cocaine Once a Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	70.79	70.75	0.961	53.66	51.04	0.148	60.13	58.97	0.537	74.88	75.35	0.677	72.65	72.89	0.800
Nevada	69.95	69.99	0.967	52.63	53.57	0.620	62.63	62.98	0.845	73.00	72.84	0.900	71.68	71.61	0.955
New Hampshire	67.04	67.04	0.997	54.96 ^b	51.63	0.069	52.47	51.20	0.514	70.53	71.01	0.713	68.10	68.38	0.807
New Jersey	71.77	72.95	0.169	59.02	56.85	0.170	61.95	64.24	0.173	74.69	76.04	0.192	73.03	74.53	0.107
New Mexico	69.51	71.12	0.131	53.07	55.41	0.202	62.23 ^b	65.51	0.076	72.73	73.93	0.359	71.24	72.75	0.188
New York	68.85	68.70	0.824	55.98	56.35	0.746	62.06 ^b	59.66	0.051	71.31	71.40	0.916	70.01	69.79	0.767
North Carolina	74.58	74.24	0.651	55.45	53.22	0.151	68.62 ^b	65.88	0.071	77.78	78.00	0.816	76.52	76.35	0.832
North Dakota	71.37	70.94	0.647	55.62 ^b	52.67	0.089	61.09	59.85	0.505	75.22	75.20	0.990	72.80	72.65	0.881
Ohio	72.47	72.20	0.690	56.65	55.54	0.364	64.96 ^a	62.45	0.041	75.51	75.66	0.860	74.06	73.86	0.781
Oklahoma	72.51	73.66	0.239	58.38 ^b	54.98	0.057	69.33	67.58	0.319	74.84 ^b	77.05	0.068	74.03	75.68	0.122
Oregon	62.53	62.54	0.996	50.99	51.04	0.980	53.98	52.49	0.462	65.01	65.19	0.895	63.56	63.55	0.995
Pennsylvania	70.58	70.52	0.930	54.27	53.13	0.379	61.55	59.48	0.114	73.71	74.02	0.720	72.07	72.09	0.977
Rhode Island	67.52	68.24	0.462	56.01	53.13	0.111	59.38	56.51	0.135	70.15	71.84	0.178	68.51	69.54	0.339
South Carolina	76.02	75.10	0.261	56.23	54.20	0.234	68.14	66.03	0.202	79.46	78.79	0.504	77.93	77.10	0.349
South Dakota	70.25	70.86	0.525	52.86	52.49	0.824	64.61	61.68	0.111	73.34	74.65	0.273	72.07	72.78	0.492
Tennessee	76.08	75.51	0.490	57.66 ^b	54.73	0.083	69.51	68.16	0.425	79.25	79.03	0.830	77.91	77.56	0.698
Texas	76.43	76.68	0.626	58.18	58.42	0.844	70.22	70.62	0.715	80.10	80.29	0.769	78.59	78.84	0.668
Utah	71.99	71.76	0.780	60.13	58.37	0.322	66.83 ^b	63.70	0.087	75.15	75.82	0.514	73.63	73.62	0.992
Vermont	65.64	65.59	0.962	54.56	54.43	0.947	52.19	53.83	0.428	69.05	68.68	0.784	66.55	66.49	0.957
Virginia	71.21	72.34	0.158	56.28	56.59	0.833	63.35	64.82	0.349	74.16	75.29	0.253	72.66	73.86	0.167
Washington	63.73	62.01	0.131	50.67	49.62	0.596	55.63 ^a	51.61	0.038	66.41	64.88	0.269	64.96	63.16	0.145
West Virginia	75.25	75.18	0.938	53.96	54.97	0.578	66.57	67.66	0.527	78.68	78.28	0.713	77.13	76.95	0.846
Wisconsin	69.23	68.88	0.722	50.67	50.13	0.748	61.09	60.87	0.900	72.72	72.32	0.746	71.07	70.72	0.742
Wyoming	71.96	70.57	0.131	55.91	54.94	0.583	64.39 ^a	60.94	0.048	75.04	73.88	0.314	73.58	72.15	0.158

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 9 Heroin Use in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Total U.S.	0.34	0.31	0.232	0.05	0.05	0.604	0.64 ^b	0.54	0.070	0.32	0.30	0.501	0.37	0.34	0.237
Northeast	0.45	0.46	0.806	0.05	0.05	0.750	0.77	0.68	0.251	0.44	0.47	0.622	0.48	0.50	0.804
Midwest	0.35	0.33	0.617	0.05	0.05	0.944	0.65	0.58	0.281	0.33	0.32	0.819	0.38	0.36	0.611
South	0.33 ^b	0.27	0.058	0.05	0.05	0.754	0.67 ^a	0.52	0.006	0.30	0.26	0.219	0.35 ^b	0.29	0.056
West	0.27	0.25	0.380	0.06	0.05	0.663	0.49	0.45	0.390	0.26	0.24	0.512	0.29	0.27	0.389
Alabama	0.30	0.33	0.638	0.02	0.05	0.146	0.58	0.52	0.546	0.29	0.33	0.545	0.33	0.36	0.674
Alaska	0.44	0.52	0.476	0.10	0.07	0.642	0.91	0.65	0.121	0.41	0.56	0.250	0.48	0.57	0.457
Arizona	0.35 ^b	0.25	0.098	0.05	0.05	0.856	0.77	0.63	0.251	0.32	0.22	0.163	0.38 ^b	0.27	0.097
Arkansas	0.25	0.24	0.877	0.05	0.06	0.589	0.49	0.58	0.368	0.23	0.21	0.613	0.27	0.26	0.857
California	0.19	0.18	0.991	0.05	0.03	0.612	0.30	0.31	0.834	0.18	0.18	0.997	0.20	0.20	0.976
Colorado	0.28	0.35	0.195	0.04	0.05	0.619	0.54 ^b	0.75	0.063	0.26	0.32	0.376	0.30	0.38	0.203
Connecticut	0.70 ^a	0.39	0.004	0.06	0.04	0.351	1.31 ^a	0.61	0.000	0.68 ^a	0.40	0.039	0.77 ^a	0.43	0.004
Delaware	0.84	0.84	0.978	0.06	0.07	0.979	1.56	1.12	0.163	0.82	0.88	0.790	0.92	0.91	0.974
District of Columbia	0.37	0.41	0.668	0.01	0.02	0.324	0.32	0.36	0.591	0.40	0.45	0.724	0.39	0.43	0.674
Florida	0.29	0.29	0.932	0.14	0.06	0.183	0.63	0.56	0.487	0.26	0.27	0.808	0.30	0.30	0.967
Georgia	0.19	0.17	0.439	0.02	0.03	0.499	0.37	0.35	0.773	0.19	0.15	0.451	0.21	0.18	0.425
Hawaii	0.24	0.27	0.567	0.05	0.06	0.686	0.56 ^b	0.38	0.074	0.22	0.27	0.283	0.26	0.29	0.583
Idaho	0.33	0.32	0.853	0.06	0.06	0.857	0.58	0.51	0.483	0.32	0.32	0.995	0.36	0.35	0.860
Illinois	0.25	0.24	0.791	0.04	0.03	0.858	0.45	0.45	0.930	0.25	0.23	0.804	0.27	0.26	0.792
Indiana	0.64	0.49	0.113	0.07	0.07	0.959	1.26 ^a	0.86	0.031	0.60	0.48	0.277	0.70	0.54	0.113
Iowa	0.23	0.26	0.410	0.05	0.05	0.920	0.48	0.54	0.635	0.20	0.24	0.430	0.24	0.29	0.406
Kansas	0.29	0.23	0.176	0.06	0.05	0.845	0.52	0.49	0.769	0.29	0.21	0.191	0.32	0.25	0.178
Kentucky	0.37	0.40	0.661	0.05	0.08	0.302	0.67	0.66	0.901	0.36	0.40	0.635	0.41	0.44	0.687
Louisiana	0.22	0.21	0.783	0.04	0.04	0.899	0.40	0.40	0.982	0.21	0.20	0.773	0.24	0.22	0.779
Maine	0.51	0.65	0.192	0.05	0.08	0.179	1.24	1.10	0.567	0.45	0.65	0.113	0.55	0.70	0.202
Maryland	0.54 ^a	0.34	0.012	0.05	0.04	0.507	1.03 ^a	0.57	0.000	0.52 ^b	0.34	0.066	0.58 ^a	0.37	0.013
Massachusetts	0.42	0.52	0.236	0.03	0.04	0.883	0.62	0.64	0.873	0.43	0.55	0.224	0.46	0.57	0.240
Michigan	0.31 ^b	0.22	0.095	0.06	0.05	0.838	0.52	0.39	0.153	0.30	0.21	0.160	0.33 ^b	0.24	0.096
Minnesota	0.23 ^a	0.33	0.045	0.03	0.04	0.744	0.51	0.62	0.357	0.21 ^a	0.32	0.048	0.25 ^a	0.36	0.045
Mississippi	0.21	0.21	0.907	0.01 ^b	0.04	0.093	0.42	0.41	0.925	0.20	0.19	0.886	0.23	0.22	0.866
Missouri	0.30	0.26	0.445	0.04	0.06	0.553	0.54	0.54	0.973	0.29	0.24	0.405	0.32	0.28	0.432
Montana	0.33	0.30	0.541	0.08	0.08	0.904	0.71	0.59	0.378	0.30	0.28	0.714	0.36	0.32	0.545

See notes at end of table.

(continued)

Table 9 Heroin Use in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	0.22	0.22	0.991	0.07	0.04	0.486	0.40	0.48	0.429	0.21	0.20	0.829	0.24	0.24	0.969
Nevada	0.50 ^a	0.34	0.016	0.09	0.07	0.586	1.16 ^a	0.80	0.017	0.45 ^b	0.30	0.070	0.54 ^a	0.36	0.018
New Hampshire	0.68 ^a	0.41	0.003	0.09	0.07	0.683	1.43 ^a	0.72	0.000	0.62 ^a	0.40	0.032	0.73 ^a	0.44	0.003
New Jersey	0.45	0.61	0.109	0.05	0.04	0.723	0.82 ^b	0.60	0.081	0.44 ^b	0.67	0.055	0.49	0.66	0.109
New Mexico	0.34	0.30	0.474	0.10	0.07	0.444	0.81 ^b	0.58	0.060	0.29	0.28	0.866	0.37	0.32	0.501
New York	0.30	0.28	0.713	0.04	0.04	0.961	0.46	0.50	0.646	0.30	0.27	0.635	0.32	0.30	0.706
North Carolina	0.45 ^a	0.27	0.004	0.04	0.04	0.952	0.96 ^a	0.61	0.004	0.42 ^a	0.24	0.023	0.49 ^a	0.29	0.004
North Dakota	0.46	0.36	0.114	0.07	0.05	0.668	0.86	0.79	0.674	0.42	0.31	0.136	0.50	0.39	0.119
Ohio	0.45	0.49	0.527	0.07	0.07	0.947	0.83	0.73	0.426	0.44	0.50	0.377	0.49	0.53	0.532
Oklahoma	0.43	0.34	0.106	0.07	0.08	0.751	0.99	0.78	0.185	0.38	0.29	0.219	0.47	0.37	0.104
Oregon	0.37	0.38	0.846	0.07	0.07	0.993	0.61	0.53	0.486	0.36	0.39	0.716	0.40	0.41	0.849
Pennsylvania	0.58	0.59	0.924	0.08	0.05	0.467	1.04	1.03	0.961	0.57	0.58	0.885	0.63	0.64	0.909
Rhode Island	0.43	0.41	0.753	0.06	0.06	0.931	0.69	0.55	0.260	0.43	0.42	0.938	0.47	0.44	0.748
South Carolina	0.19	0.19	0.959	0.04	0.05	0.544	0.40	0.40	0.997	0.17	0.17	0.966	0.20	0.20	0.980
South Dakota	0.25	0.22	0.483	0.06	0.05	0.782	0.51	0.49	0.867	0.23	0.20	0.502	0.27	0.24	0.493
Tennessee	0.34	0.32	0.748	0.05	0.05	0.825	0.66	0.63	0.791	0.32	0.31	0.789	0.37	0.35	0.741
Texas	0.30 ^a	0.21	0.024	0.04	0.04	0.865	0.67 ^a	0.45	0.007	0.27	0.19	0.115	0.33 ^a	0.23	0.024
Utah	0.37 ^b	0.27	0.065	0.04	0.03	0.599	0.58	0.45	0.177	0.38	0.27	0.144	0.41 ^b	0.31	0.068
Vermont	0.48	0.65	0.121	0.08	0.09	0.828	1.05	0.85	0.374	0.42 ^a	0.67	0.042	0.51	0.70	0.123
Virginia	0.36	0.34	0.809	0.02	0.04	0.478	0.72 ^a	0.50	0.045	0.34	0.35	0.860	0.39	0.37	0.790
Washington	0.42 ^a	0.30	0.049	0.07	0.06	0.745	0.72	0.54	0.121	0.42 ^b	0.29	0.096	0.46 ^a	0.33	0.050
West Virginia	0.69 ^b	0.50	0.068	0.05	0.07	0.377	1.45 ^a	0.89	0.009	0.64	0.49	0.191	0.75 ^b	0.54	0.065
Wisconsin	0.37	0.41	0.456	0.06	0.05	0.653	0.69	0.69	0.992	0.35	0.41	0.403	0.40	0.45	0.447
Wyoming	0.31	0.23	0.108	0.08	0.07	0.931	0.62	0.51	0.325	0.29	0.21	0.164	0.34	0.25	0.113

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 10 Perceptions of Great Risk from Trying Heroin Once or Twice, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Total U.S.	86.00 ^a	86.29	0.032	65.92	65.41	0.146	82.76	82.54	0.403	88.85 ^a	89.28	0.007	88.00 ^a	88.35	0.013
Northeast	86.02 ^b	86.46	0.086	66.55	66.88	0.589	82.95	82.80	0.766	88.58	89.07	0.109	87.80	88.22	0.118
Midwest	86.13	86.32	0.369	65.55	64.74	0.119	83.20	82.56	0.110	89.05 ^b	89.46	0.099	88.21	88.49	0.211
South	87.44 ^b	87.78	0.058	67.09 ^a	66.09	0.041	83.90	83.78	0.742	90.42 ^a	90.96	0.012	89.51 ^a	89.97	0.013
West	83.57	83.76	0.480	63.93	63.91	0.972	80.48	80.42	0.920	86.39	86.61	0.502	85.54	85.74	0.491
Alabama	88.31	88.45	0.785	67.42	67.59	0.917	85.69	85.17	0.644	91.16	91.36	0.745	90.40	90.51	0.834
Alaska	83.35 ^b	82.02	0.094	63.59	63.73	0.935	81.02	80.10	0.482	86.28 ^b	84.63	0.099	85.52 ^b	84.00	0.077
Arizona	86.57	87.29	0.257	66.92	67.26	0.847	84.37	84.55	0.894	89.31	90.13	0.300	88.60	89.34	0.277
Arkansas	86.57 ^b	87.54	0.066	65.33	64.83	0.765	82.32	82.58	0.820	89.85 ^b	91.08	0.056	88.79 ^a	89.89	0.049
California	83.56	83.46	0.803	64.20	63.44	0.471	80.44	80.65	0.782	86.35	86.23	0.807	85.49	85.44	0.901
Colorado	83.12	83.98	0.180	62.01	63.36	0.445	79.58	80.97	0.297	86.13	86.82	0.394	85.21	86.02	0.250
Connecticut	86.32 ^a	87.67	0.026	66.16	68.82	0.121	82.15 ^a	84.79	0.034	89.28	90.23	0.209	88.28 ^b	89.47	0.064
Delaware	87.19	87.47	0.624	66.91	66.23	0.674	84.25	83.96	0.812	89.78	90.20	0.545	89.06	89.41	0.568
District of Columbia	82.28 ^a	80.07	0.014	65.64	65.32	0.855	77.54	77.60	0.971	84.29 ^a	81.47	0.008	83.18 ^a	80.86	0.014
Florida	89.00	89.41	0.298	67.56	66.03	0.158	84.15	83.96	0.815	91.74	92.39	0.164	90.83	91.39	0.171
Georgia	88.64	88.87	0.629	70.97	69.15	0.203	86.24 ^b	84.17	0.065	91.33	92.17	0.143	90.60	91.03	0.388
Hawaii	82.41	82.74	0.706	62.18	62.99	0.640	80.72	80.47	0.863	84.68	85.01	0.745	84.20	84.47	0.764
Idaho	85.00	85.82	0.181	66.98	65.91	0.498	79.97	81.73	0.206	88.34	89.26	0.228	87.15	88.18	0.118
Illinois	86.10	86.37	0.557	64.51	65.04	0.673	84.00	82.60	0.144	89.00	89.46	0.415	88.30	88.52	0.655
Indiana	86.63 ^a	87.79	0.031	65.84	63.83	0.205	84.35	84.79	0.709	89.63 ^a	91.29	0.014	88.84 ^a	90.33	0.011
Iowa	83.64	82.98	0.350	62.86 ^b	59.75	0.061	79.56	77.93	0.308	86.85	86.64	0.816	85.74	85.33	0.593
Kansas	85.17 ^a	83.45	0.008	64.65 ^b	61.46	0.061	83.11	81.76	0.324	88.19 ^a	86.57	0.046	87.42 ^a	85.85	0.024
Kentucky	88.12	88.58	0.372	68.30	66.70	0.330	84.46	84.90	0.713	91.02	91.69	0.278	90.10	90.75	0.226
Louisiana	87.54	87.95	0.435	66.18	65.86	0.843	83.82	85.67	0.137	90.74	90.95	0.737	89.75	90.22	0.401
Maine	87.04	86.94	0.876	65.70	64.65	0.530	84.65	83.96	0.571	89.37	89.39	0.973	88.81	88.77	0.951
Maryland	86.31	86.58	0.654	68.00	65.73	0.154	81.96	81.86	0.937	89.03	89.60	0.430	88.09	88.59	0.433
Massachusetts	85.06	85.18	0.842	66.02	66.07	0.976	81.07	81.03	0.974	87.71	87.83	0.876	86.74	86.84	0.877
Michigan	86.39	87.02	0.209	63.98	65.15	0.354	83.21	83.34	0.889	89.52	90.11	0.329	88.61	89.14	0.309
Minnesota	82.32	83.16	0.299	61.45	61.11	0.847	79.72	79.03	0.647	85.18	86.38	0.232	84.43	85.39	0.265
Mississippi	87.97	88.50	0.308	67.67	65.59	0.201	84.57	85.63	0.348	91.14	91.88	0.241	90.17	90.97	0.144
Missouri	86.92	86.16	0.186	68.46	67.42	0.498	83.18 ^a	80.18	0.017	89.67	89.25	0.552	88.76	88.01	0.222
Montana	85.44 ^a	83.94	0.041	64.59	62.96	0.311	81.51	79.87	0.239	88.28 ^b	86.79	0.096	87.34 ^b	85.85	0.055

See notes at end of table.

(continued)

Table 10 Perceptions of Great Risk from Trying Heroin Once or Twice, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	84.02	83.76	0.700	63.15	62.77	0.817	79.32	79.75	0.769	87.50	87.15	0.660	86.26	86.03	0.749
Nevada	84.05	83.92	0.856	63.18	64.69	0.376	81.30	81.50	0.877	86.82	86.42	0.656	86.12	85.81	0.692
New Hampshire	86.58 ^a	87.88	0.021	67.27	67.14	0.931	82.08	83.73	0.216	89.25 ^a	90.60	0.049	88.29 ^a	89.69	0.020
New Jersey	86.64 ^b	87.73	0.053	68.23	68.32	0.954	83.66	85.34	0.119	89.17	90.26	0.119	88.45 ^b	89.63	0.054
New Mexico	84.96	85.82	0.225	66.18	66.96	0.638	81.90	82.76	0.508	87.76	88.60	0.342	86.92	87.78	0.260
New York	85.22	85.22	0.993	65.92	66.87	0.387	82.54	81.37	0.200	87.67	87.69	0.966	86.95	86.83	0.818
North Carolina	87.00	87.24	0.611	64.58	62.83	0.258	83.23	83.05	0.871	90.22	90.72	0.384	89.27	89.68	0.413
North Dakota	84.16	83.42	0.261	65.28 ^a	61.54	0.014	79.74	79.33	0.785	87.14	86.68	0.572	85.86	85.45	0.565
Ohio	88.80	88.61	0.640	70.79 ^b	68.59	0.059	86.53	86.00	0.509	91.25	91.32	0.892	90.60	90.59	0.981
Oklahoma	84.64	84.81	0.792	66.04	64.40	0.311	83.19	81.89	0.345	87.24	87.88	0.444	86.64	87.01	0.604
Oregon	81.07 ^b	82.29	0.098	60.73	61.94	0.478	77.33	76.77	0.706	83.72 ^b	85.18	0.100	82.89	84.10	0.126
Pennsylvania	87.26	87.76	0.254	67.00	66.36	0.588	84.70	83.86	0.347	89.79	90.59	0.137	89.11	89.70	0.204
Rhode Island	84.99	85.47	0.427	63.68	62.99	0.691	81.28	81.27	0.993	87.84	88.48	0.386	86.83	87.40	0.378
South Carolina	87.94	88.19	0.610	67.90	66.11	0.269	83.81	83.79	0.989	90.81	91.29	0.412	89.86	90.30	0.403
South Dakota	84.13	83.77	0.584	63.21	60.75	0.157	81.40	79.85	0.264	87.15	87.24	0.912	86.31	86.17	0.849
Tennessee	86.71	87.12	0.479	65.28	64.85	0.796	82.90	82.77	0.916	89.77	90.32	0.442	88.83	89.30	0.443
Texas	86.97	87.47	0.157	66.87	66.84	0.980	84.45	84.38	0.935	90.23	90.87	0.142	89.35	89.90	0.147
Utah	83.91	83.46	0.448	66.40	66.15	0.889	81.75 ^a	78.87	0.037	87.36	87.41	0.943	86.33	85.85	0.459
Vermont	84.69	85.61	0.173	64.37	62.92	0.369	80.56	81.52	0.500	87.38	88.47	0.183	86.37	87.45	0.130
Virginia	85.61	85.59	0.966	65.92	64.88	0.473	81.02	81.82	0.476	88.56	88.49	0.920	87.52	87.58	0.915
Washington	81.28	81.84	0.483	60.23	61.74	0.397	77.58	75.97	0.295	84.13	84.87	0.460	83.26	83.72	0.598
West Virginia	89.63	89.77	0.793	66.33	66.01	0.841	85.50	87.19	0.168	92.58	92.51	0.911	91.67	91.84	0.773
Wisconsin	85.62	86.64	0.113	63.76	63.62	0.934	81.11	82.41	0.311	88.88	89.94	0.179	87.78	88.89	0.105
Wyoming	85.71	86.18	0.410	64.45	64.67	0.900	82.17	81.03	0.395	88.74	89.48	0.306	87.83	88.35	0.406

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 11 Methamphetamine Use in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Total U.S.	0.56 ^a	0.64	0.004	0.16	0.18	0.352	0.93	0.95	0.745	0.55 ^a	0.65	0.004	0.60 ^a	0.69	0.005
Northeast	0.28 ^a	0.36	0.027	0.10 ^b	0.15	0.070	0.47	0.48	0.873	0.28 ^a	0.36	0.026	0.30 ^a	0.38	0.034
Midwest	0.51 ^a	0.62	0.003	0.16 ^b	0.21	0.060	0.95	1.04	0.307	0.47 ^a	0.60	0.007	0.54 ^a	0.66	0.004
South	0.56	0.60	0.333	0.16	0.19	0.435	0.96	0.91	0.526	0.54	0.60	0.258	0.60	0.64	0.361
West	0.81	0.93	0.109	0.21	0.17	0.352	1.20	1.27	0.611	0.82	0.97	0.114	0.87 ^b	1.01	0.097
Alabama	0.78 ^b	1.11	0.056	0.24	0.33	0.337	1.12 ^b	1.59	0.065	0.79	1.13	0.119	0.83 ^b	1.19	0.061
Alaska	0.84	0.96	0.453	0.24	0.24	0.984	1.10	1.03	0.796	0.87	1.04	0.422	0.90	1.04	0.455
Arizona	0.66 ^a	1.27	0.000	0.16	0.20	0.526	1.30 ^b	1.87	0.087	0.61 ^a	1.30	0.001	0.71 ^a	1.38	0.000
Arkansas	0.92	0.89	0.836	0.26	0.31	0.485	1.59	1.55	0.858	0.90	0.86	0.833	0.99	0.96	0.803
California	0.81	0.89	0.448	0.20	0.14	0.246	0.96	1.01	0.768	0.85	0.95	0.454	0.87	0.96	0.418
Colorado	0.85	0.98	0.348	0.22	0.18	0.357	1.34	1.57	0.417	0.84	0.98	0.411	0.91	1.06	0.333
Connecticut	0.29	0.32	0.606	0.09	0.13	0.233	0.45	0.34	0.212	0.29	0.34	0.461	0.31	0.34	0.650
Delaware	0.40 ^a	0.70	0.003	0.18	0.19	0.800	0.37 ^a	0.85	0.003	0.43 ^a	0.73	0.010	0.42 ^a	0.74	0.002
District of Columbia	0.22 ^a	0.38	0.007	0.07	0.06	0.861	0.11 ^a	0.27	0.017	0.25 ^a	0.42	0.019	0.23 ^a	0.39	0.006
Florida	0.47	0.46	0.865	0.15	0.15	0.964	0.75	0.59	0.160	0.47	0.48	0.923	0.50	0.49	0.864
Georgia	0.54	0.50	0.634	0.17	0.19	0.683	0.59	0.60	0.911	0.59	0.53	0.591	0.59	0.54	0.609
Hawaii	0.75	0.96	0.183	0.35	0.18	0.173	0.94	0.91	0.897	0.77	1.05	0.131	0.79	1.03	0.151
Idaho	0.87	0.79	0.513	0.33	0.24	0.270	1.57	1.26	0.235	0.83	0.79	0.775	0.94	0.86	0.561
Illinois	0.28	0.36	0.137	0.09	0.13	0.184	0.39	0.33	0.340	0.28	0.39	0.120	0.30	0.38	0.154
Indiana	0.58 ^a	0.86	0.008	0.19	0.29	0.108	1.21 ^a	1.77	0.007	0.52 ^a	0.77	0.044	0.62 ^a	0.92	0.009
Iowa	0.56 ^a	0.86	0.007	0.15	0.22	0.133	1.12	1.39	0.184	0.50 ^a	0.84	0.016	0.60 ^a	0.92	0.009
Kansas	0.82	1.04	0.109	0.20	0.24	0.358	1.51	1.69	0.474	0.78	1.03	0.145	0.89	1.13	0.115
Kentucky	0.94	1.04	0.496	0.22	0.33	0.114	1.89	2.02	0.643	0.87	0.97	0.599	1.01	1.11	0.541
Louisiana	0.44	0.57	0.117	0.14	0.21	0.184	0.67	0.77	0.428	0.44	0.58	0.167	0.47	0.61	0.134
Maine	0.42	0.49	0.372	0.12 ^b	0.21	0.068	1.17	0.95	0.234	0.35	0.45	0.231	0.45	0.51	0.424
Maryland	0.25	0.28	0.545	0.09	0.11	0.593	0.32	0.32	0.915	0.26	0.30	0.533	0.27	0.30	0.564
Massachusetts	0.33	0.33	0.942	0.13	0.14	0.587	0.33	0.29	0.690	0.36	0.35	0.976	0.35	0.34	0.923
Michigan	0.41	0.39	0.734	0.14	0.19	0.126	0.76	0.59	0.108	0.38	0.38	0.994	0.44	0.41	0.664
Minnesota	0.76	0.91	0.213	0.27	0.24	0.596	1.22	1.49	0.168	0.74	0.90	0.306	0.81	0.98	0.200
Mississippi	0.61	0.79	0.110	0.14	0.23	0.171	0.95	1.13	0.237	0.61	0.80	0.180	0.66	0.85	0.125
Missouri	0.88	0.88	0.977	0.29	0.30	0.845	1.32	1.57	0.225	0.88	0.83	0.775	0.94	0.94	0.967
Montana	0.68 ^a	0.97	0.038	0.17 ^a	0.26	0.046	1.62	2.13	0.118	0.59 ^b	0.86	0.098	0.73 ^a	1.03	0.042

See notes at end of table.

(continued)

Table 11 Methamphetamine Use in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	0.52 ^b	0.67	0.064	0.14	0.18	0.314	1.14 ^b	1.44	0.077	0.45	0.60	0.159	0.56 ^b	0.72	0.069
Nevada	0.89 ^a	1.29	0.035	0.23	0.20	0.689	1.87	2.36	0.293	0.83 ^b	1.26	0.052	0.96 ^a	1.40	0.032
New Hampshire	0.66	0.55	0.289	0.20	0.25	0.274	1.31	0.97	0.168	0.60	0.52	0.440	0.70	0.58	0.275
New Jersey	0.24	0.29	0.342	0.08	0.11	0.404	0.35 ^b	0.22	0.090	0.25	0.32	0.206	0.26	0.31	0.367
New Mexico	1.19	0.92	0.110	0.31 ^b	0.16	0.077	2.25	1.62	0.156	1.12	0.90	0.252	1.28	1.00	0.125
New York	0.20 ^b	0.26	0.086	0.08	0.13	0.157	0.27	0.27	0.950	0.20 ^b	0.28	0.094	0.21 ^b	0.28	0.100
North Carolina	0.63	0.57	0.501	0.18	0.19	0.916	0.83	0.79	0.776	0.65	0.58	0.504	0.68	0.61	0.490
North Dakota	0.96	1.03	0.616	0.29	0.29	0.918	1.81	2.07	0.375	0.86	0.90	0.775	1.02	1.10	0.604
Ohio	0.36 ^b	0.46	0.074	0.10 ^a	0.22	0.009	0.83	0.71	0.282	0.31 ^b	0.45	0.052	0.39	0.48	0.108
Oklahoma	0.77 ^b	1.06	0.055	0.22	0.30	0.211	1.75	1.92	0.571	0.68 ^b	1.01	0.062	0.84 ^b	1.14	0.060
Oregon	1.00	1.00	0.954	0.27	0.24	0.575	1.80	1.65	0.611	0.95	0.99	0.829	1.06	1.07	0.943
Pennsylvania	0.34 ^a	0.53	0.002	0.11 ^a	0.19	0.029	0.75 ^a	0.98	0.045	0.31 ^a	0.49	0.008	0.37 ^a	0.56	0.003
Rhode Island	0.39	0.49	0.229	0.15	0.20	0.181	0.44	0.51	0.547	0.40	0.51	0.276	0.41	0.51	0.252
South Carolina	0.58	0.63	0.553	0.17	0.22	0.417	1.10	1.15	0.770	0.55	0.60	0.601	0.62	0.67	0.583
South Dakota	0.88 ^a	0.64	0.046	0.30	0.25	0.378	1.62 ^b	1.22	0.095	0.82	0.59	0.113	0.94 ^b	0.68	0.051
Tennessee	0.55 ^a	0.77	0.019	0.16 ^b	0.24	0.086	1.07 ^b	1.38	0.083	0.51 ^a	0.73	0.046	0.58 ^a	0.82	0.023
Texas	0.56	0.55	0.836	0.13	0.13	0.968	1.12 ^a	0.82	0.043	0.52	0.56	0.702	0.62	0.60	0.834
Utah	0.81	0.65	0.184	0.20	0.19	0.901	1.38	1.09	0.276	0.78	0.63	0.282	0.89	0.71	0.185
Vermont	0.49	0.60	0.284	0.13 ^a	0.25	0.014	1.27	1.00	0.244	0.39	0.56	0.156	0.53	0.63	0.331
Virginia	0.37	0.37	0.917	0.11	0.15	0.316	0.69 ^b	0.49	0.054	0.35	0.37	0.734	0.40	0.39	0.865
Washington	0.73	0.80	0.580	0.19	0.20	0.916	1.20	1.22	0.882	0.72	0.80	0.590	0.78	0.86	0.584
West Virginia	0.85 ^a	1.16	0.026	0.27 ^b	0.42	0.068	2.02	2.34	0.306	0.74 ^a	1.06	0.048	0.90 ^a	1.22	0.032
Wisconsin	0.45 ^a	0.71	0.002	0.13 ^a	0.21	0.047	1.08	1.28	0.230	0.38 ^a	0.67	0.005	0.48 ^a	0.76	0.003
Wyoming	0.81 ^b	0.59	0.071	0.23	0.22	0.909	1.58	1.17	0.168	0.75	0.54	0.128	0.86 ^b	0.62	0.074

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 12 Pain Reliever Misuse in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Total U.S.	4.17 ^a	3.85	0.000	3.31 ^a	2.93	0.002	7.13 ^a	6.32	0.000	3.79 ^a	3.56	0.011	4.26 ^a	3.94	0.000
Northeast	3.77 ^a	3.42	0.008	2.63 ^a	2.27	0.048	6.62 ^a	5.88	0.012	3.44 ^b	3.15	0.077	3.88 ^a	3.52	0.012
Midwest	4.26 ^a	3.92	0.002	3.38 ^a	2.87	0.003	7.44 ^a	6.49	0.000	3.83	3.62	0.117	4.35 ^a	4.03	0.006
South	4.12 ^b	3.92	0.052	3.40 ^b	3.10	0.074	7.16 ^a	6.51	0.003	3.72	3.61	0.385	4.19 ^b	4.00	0.090
West	4.48 ^a	4.01	0.001	3.56 ^b	3.17	0.071	7.20 ^a	6.19	0.000	4.14 ^a	3.75	0.022	4.58 ^a	4.09	0.001
Alabama	4.53	4.70	0.656	4.24	4.19	0.939	8.11	7.54	0.486	3.98	4.30	0.498	4.56	4.75	0.645
Alaska	4.81	4.64	0.650	3.65 ^b	2.83	0.061	8.02 ^a	6.34	0.041	4.42	4.60	0.699	4.94	4.84	0.811
Arizona	4.27	4.08	0.540	3.41	3.02	0.360	7.44	6.64	0.292	3.85	3.79	0.876	4.36	4.19	0.613
Arkansas	5.03	4.64	0.275	4.11	4.15	0.934	7.44	7.51	0.937	4.75	4.24	0.259	5.13	4.69	0.265
California	4.30 ^a	3.81	0.020	3.61	3.27	0.298	6.77 ^a	5.63	0.012	3.97	3.58	0.128	4.37 ^a	3.87	0.027
Colorado	4.87	4.59	0.447	3.86 ^b	3.02	0.077	8.36	7.46	0.269	4.43	4.32	0.821	4.98	4.75	0.577
Connecticut	4.21	3.73	0.123	3.23 ^a	2.34	0.021	7.52	7.04	0.516	3.79	3.35	0.276	4.31	3.86	0.194
Delaware	4.23	3.77	0.141	2.89	2.79	0.812	6.90	6.85	0.941	3.98	3.43	0.171	4.35	3.87	0.147
District of Columbia	4.39	4.20	0.618	3.91	3.78	0.809	6.86 ^a	5.30	0.047	3.94	4.02	0.859	4.42	4.22	0.630
Florida	4.18	4.28	0.712	3.44	3.03	0.204	6.58 ^b	5.81	0.098	3.93	4.19	0.403	4.25	4.39	0.623
Georgia	3.61	3.67	0.834	2.74	2.82	0.828	6.47	6.99	0.477	3.24	3.22	0.955	3.71	3.76	0.858
Hawaii	3.32	3.13	0.527	2.66	2.28	0.338	6.27	5.93	0.624	2.99	2.85	0.704	3.38	3.21	0.594
Idaho	4.25	4.47	0.562	3.45	3.51	0.913	7.20 ^a	5.64	0.042	3.87	4.41	0.264	4.34	4.58	0.568
Illinois	3.70 ^a	3.14	0.009	3.24 ^a	2.44	0.024	7.12 ^a	5.78	0.015	3.20	2.80	0.130	3.74 ^a	3.21	0.021
Indiana	4.83	4.49	0.284	3.69	2.94	0.103	8.82 ^a	6.86	0.018	4.27	4.27	0.998	4.95	4.65	0.395
Iowa	4.19	4.13	0.864	3.17	3.46	0.563	7.55	7.44	0.895	3.72	3.63	0.841	4.30	4.20	0.802
Kansas	4.58 ^a	3.93	0.038	3.59	2.87	0.113	7.49	7.25	0.758	4.18 ^b	3.49	0.077	4.69 ^b	4.05	0.061
Kentucky	4.34	4.29	0.883	3.40	3.32	0.869	7.43	6.32	0.134	3.95	4.08	0.758	4.44	4.39	0.896
Louisiana	4.12	4.27	0.630	3.00	3.05	0.903	6.83	6.01	0.260	3.81	4.14	0.404	4.24	4.40	0.638
Maine	3.94	3.63	0.344	2.70	2.19	0.148	7.37	6.94	0.562	3.60	3.34	0.510	4.04	3.75	0.404
Maryland	3.90	3.61	0.339	3.05	2.53	0.192	7.32 ^b	6.09	0.070	3.47	3.36	0.766	3.98	3.72	0.419
Massachusetts	3.60	3.62	0.965	2.58	2.60	0.960	6.08	5.16	0.156	3.29	3.46	0.666	3.70	3.71	0.972
Michigan	4.37 ^b	3.94	0.051	3.50	3.02	0.174	7.10	6.30	0.146	4.02	3.65	0.196	4.46 ^b	4.03	0.077
Minnesota	4.19	3.76	0.176	3.17 ^a	2.36	0.038	6.36	6.34	0.983	3.97	3.52	0.281	4.30	3.90	0.265
Mississippi	4.25	4.06	0.583	4.31 ^b	3.33	0.073	7.30	6.79	0.535	3.71	3.68	0.953	4.24	4.14	0.786
Missouri	4.31	4.20	0.743	3.53	3.05	0.292	7.14	6.47	0.379	3.94	3.97	0.937	4.39	4.32	0.841
Montana	4.55	4.03	0.157	3.43	2.77	0.132	8.17	7.32	0.292	4.09	3.65	0.334	4.65	4.15	0.203

See notes at end of table.

(continued)

Table 12 Pain Reliever Misuse in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	3.76	3.68	0.783	2.98	3.26	0.543	7.18	6.86	0.681	3.25	3.17	0.829	3.84	3.72	0.707
Nevada	4.97	4.65	0.346	3.78	3.30	0.361	8.07	6.85	0.131	4.66	4.49	0.699	5.09	4.79	0.408
New Hampshire	4.22	3.87	0.278	3.00	2.58	0.267	7.06 ^b	5.83	0.099	3.91	3.70	0.611	4.33	3.98	0.326
New Jersey	3.57	3.32	0.331	2.46	2.26	0.525	6.52 ^a	5.04	0.023	3.26	3.18	0.814	3.68	3.42	0.357
New Mexico	4.15	3.78	0.209	3.32	3.21	0.819	7.76	7.13	0.429	3.66	3.30	0.333	4.24	3.84	0.219
New York	3.43 ^b	3.05	0.066	2.47	2.04	0.152	6.19	5.68	0.301	3.09	2.74	0.177	3.52 ^b	3.14	0.091
North Carolina	4.28 ^a	3.63	0.019	3.60	3.25	0.397	7.59 ^b	6.48	0.088	3.84 ^b	3.23	0.078	4.35 ^a	3.67	0.025
North Dakota	4.06	3.70	0.221	3.28 ^b	2.51	0.065	6.96	6.60	0.612	3.55	3.25	0.440	4.13	3.81	0.317
Ohio	4.67 ^b	4.20	0.079	3.49 ^b	2.87	0.073	8.00 ^a	6.66	0.023	4.28	3.97	0.349	4.79	4.34	0.117
Oklahoma	4.38	4.05	0.288	3.75	3.10	0.213	8.25	8.45	0.816	3.79	3.42	0.348	4.45	4.15	0.385
Oregon	5.35 ^a	4.53	0.038	3.68	3.35	0.508	8.59	7.79	0.376	5.05 ^b	4.18	0.086	5.51 ^a	4.64	0.046
Pennsylvania	4.24 ^a	3.72	0.041	2.73	2.38	0.217	7.18	6.62	0.331	3.95 ^b	3.42	0.095	4.38 ^a	3.84	0.050
Rhode Island	4.59 ^a	3.94	0.042	3.32 ^a	2.38	0.021	7.42	6.53	0.218	4.22	3.64	0.156	4.70 ^b	4.07	0.069
South Carolina	4.32	3.95	0.266	3.77	3.47	0.578	8.17	7.56	0.448	3.78	3.45	0.436	4.37	3.99	0.294
South Dakota	4.51	4.07	0.178	3.66	3.63	0.949	7.80	6.64	0.118	4.05	3.70	0.399	4.60	4.12	0.181
Tennessee	4.16	3.75	0.184	3.32 ^a	2.57	0.040	8.03	6.84	0.109	3.65	3.40	0.525	4.25	3.86	0.264
Texas	4.02	3.72	0.148	3.39	3.25	0.691	6.94 ^b	6.16	0.090	3.58	3.36	0.380	4.09	3.78	0.162
Utah	4.66 ^a	3.77	0.005	3.45 ^b	2.60	0.054	7.49	6.48	0.163	4.23 ^a	3.37	0.041	4.83 ^a	3.94	0.011
Vermont	4.22	3.80	0.195	2.76	2.61	0.716	8.02	7.07	0.266	3.71	3.35	0.387	4.35	3.90	0.207
Virginia	3.85	3.46	0.142	3.15 ^a	2.33	0.029	7.04	6.65	0.585	3.42	3.09	0.303	3.92	3.57	0.228
Washington	4.94 ^a	4.13	0.035	3.45	3.20	0.577	6.97	6.21	0.286	4.79 ^b	3.93	0.072	5.08 ^a	4.22	0.039
West Virginia	4.06	3.82	0.431	2.86	2.89	0.947	7.19	6.35	0.244	3.73	3.55	0.637	4.17	3.90	0.427
Wisconsin	3.83	4.21	0.276	3.04	3.22	0.662	7.37	6.69	0.307	3.35	3.92	0.188	3.91	4.30	0.299
Wyoming	4.18	3.85	0.271	3.09	3.10	0.983	7.41	7.32	0.915	3.80	3.41	0.304	4.29	3.93	0.265

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 13 Alcohol Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Total U.S.	51.21	51.37	0.495	9.54	9.43	0.568	56.74 ^a	55.73	0.012	55.22	55.57	0.228	55.43	55.59	0.554
Northeast	56.44 ^b	55.62	0.053	10.64	10.37	0.451	63.24 ^b	61.60	0.077	60.30	59.48	0.107	60.71 ^a	59.77	0.044
Midwest	54.36	54.10	0.481	10.09	9.94	0.615	60.78	59.96	0.322	58.62	58.39	0.608	58.92	58.61	0.440
South	47.13	47.65	0.125	9.05	9.15	0.695	52.87 ^a	51.31	0.046	50.79 ^a	51.65	0.029	51.07	51.61	0.153
West	50.99 ^a	51.76	0.050	9.08	8.78	0.345	54.43	54.62	0.842	55.43 ^a	56.38	0.043	55.29 ^b	56.13	0.051
Alabama	41.98 ^a	44.36	0.043	8.88	9.25	0.632	50.18	49.01	0.515	44.56 ^a	47.71	0.034	45.34 ^a	47.89	0.048
Alaska	51.61	51.83	0.844	10.10	8.96	0.199	55.68	53.85	0.349	56.35	56.99	0.644	56.25	56.56	0.807
Arizona	50.40	49.96	0.705	8.26	8.48	0.768	52.61 ^b	49.43	0.100	55.20	55.07	0.927	54.83	54.27	0.660
Arkansas	39.89	40.63	0.506	8.92	8.68	0.767	48.15	47.80	0.848	42.35	43.37	0.463	43.17	43.99	0.503
California	50.45 ^a	51.77	0.027	8.95	8.33	0.226	53.66	55.18	0.215	54.85 ^a	56.32	0.045	54.68 ^a	56.15	0.024
Colorado	59.48 ^b	61.45	0.067	9.75	10.54	0.389	62.66	64.98	0.203	64.79	66.81	0.133	64.49 ^b	66.56	0.079
Connecticut	60.21	62.10	0.122	11.42	12.60	0.202	67.03	68.43	0.463	64.73	66.68	0.188	65.05	66.92	0.158
Delaware	51.38	52.91	0.226	8.38	9.43	0.235	54.78	56.41	0.372	55.51	57.02	0.332	55.42	56.95	0.267
District of Columbia	66.79	66.67	0.906	8.42	8.74	0.699	69.71	70.80	0.560	70.17	69.78	0.768	70.08	69.93	0.896
Florida	51.80	50.74	0.175	9.86	10.12	0.648	56.43 ^a	52.42	0.002	55.30	54.48	0.378	55.44	54.24	0.157
Georgia	44.78 ^a	47.03	0.020	7.76	8.34	0.390	50.71 ^b	47.78	0.072	48.65 ^a	51.94	0.007	48.94 ^a	51.35	0.025
Hawaii	45.13	47.23	0.107	8.13	7.18	0.213	55.13	55.53	0.837	47.54 ^b	50.19	0.093	48.46 ^b	50.83	0.094
Idaho	46.47	45.23	0.280	9.07	7.84	0.136	49.44	47.11	0.220	51.25	50.17	0.454	50.99	49.73	0.327
Illinois	54.53 ^b	55.97	0.090	10.33	9.86	0.480	59.68	57.80	0.189	59.02 ^a	61.15	0.039	59.12 ^b	60.69	0.088
Indiana	49.89	50.30	0.724	9.21	9.25	0.958	59.83	59.99	0.926	53.32	53.79	0.746	54.29	54.70	0.746
Iowa	58.44	58.31	0.903	9.68	10.68	0.274	64.91	66.36	0.408	63.21	62.66	0.695	63.46	63.20	0.836
Kansas	57.20 ^a	54.93	0.038	10.27	10.40	0.885	59.53	59.61	0.965	62.94 ^a	59.90	0.031	62.42 ^a	59.85	0.034
Kentucky	39.80	39.97	0.878	10.25	9.93	0.723	49.27 ^b	45.76	0.067	41.74	42.56	0.560	42.79	43.00	0.869
Louisiana	50.12	50.01	0.921	10.19	10.97	0.406	54.27	56.37	0.242	54.34	53.71	0.664	54.33	54.08	0.845
Maine	56.16	55.77	0.748	11.24	11.15	0.925	64.29	63.36	0.609	59.37	58.99	0.795	59.96	59.50	0.728
Maryland	53.30 ^a	57.20	0.001	9.48	9.62	0.864	59.08	59.70	0.742	57.41 ^a	62.20	0.001	57.64 ^a	61.88	0.001
Massachusetts	61.36	61.68	0.774	12.72	12.64	0.941	70.51	68.42	0.242	64.91	65.62	0.607	65.73	66.02	0.811
Michigan	53.18	53.53	0.676	10.76	10.21	0.391	58.90	59.82	0.494	57.21	57.48	0.789	57.45	57.81	0.689
Minnesota	57.93	57.05	0.456	9.78	9.27	0.557	65.46	65.51	0.976	62.46	61.40	0.461	62.87	61.96	0.477
Mississippi	38.22	39.95	0.138	7.65	8.71	0.161	44.24	41.93	0.221	41.12 ^b	43.61	0.086	41.58	43.36	0.166
Missouri	50.93 ^b	49.02	0.098	10.80	10.68	0.887	55.78	53.29	0.164	54.87	52.82	0.146	55.00 ^b	52.88	0.092
Montana	57.53	57.94	0.719	12.82	13.33	0.610	64.38	62.04	0.219	61.26	62.09	0.543	61.69	62.08	0.746

See notes at end of table.

(continued)

Table 13 Alcohol Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	58.34	56.79	0.149	10.21	9.53	0.439	62.94	62.51	0.814	63.73	61.90	0.184	63.60	61.98	0.170
Nevada	48.25	49.23	0.421	9.63 ^b	8.06	0.075	49.94	52.10	0.289	52.45	53.52	0.475	52.14	53.35	0.365
New Hampshire	63.12	63.26	0.906	11.30	11.66	0.696	69.33	69.03	0.868	67.56	67.66	0.945	67.80	67.84	0.973
New Jersey	53.13	52.53	0.556	10.87	11.01	0.866	59.91	58.89	0.565	56.99	56.32	0.592	57.37	56.66	0.521
New Mexico	48.98 ^a	46.29	0.025	10.32	9.79	0.526	53.37	50.23	0.103	53.04 ^b	50.14	0.051	53.09 ^a	50.15	0.025
New York	54.73 ^a	52.71	0.008	9.85	9.23	0.320	62.07 ^a	59.09	0.022	58.29 ^a	56.22	0.024	58.82 ^a	56.61	0.007
North Carolina	44.43 ^a	46.89	0.012	8.81	9.87	0.139	49.57	51.15	0.346	47.85 ^a	50.56	0.023	48.09 ^a	50.64	0.017
North Dakota	59.70 ^a	57.47	0.045	10.97	10.07	0.318	67.58	68.92	0.451	63.52 ^a	60.58	0.038	64.20 ^b	61.96	0.064
Ohio	51.06	50.92	0.873	9.13	9.60	0.462	58.68	56.79	0.157	54.80	54.81	0.989	55.33	55.08	0.791
Oklahoma	44.79 ^a	47.31	0.022	8.88	8.91	0.968	52.60	52.81	0.904	48.05 ^a	51.29	0.022	48.72 ^a	51.50	0.023
Oregon	58.49	57.30	0.280	10.54	10.59	0.959	62.70	60.80	0.301	62.88	61.62	0.347	62.86	61.52	0.266
Pennsylvania	56.42	55.70	0.379	10.06	9.31	0.259	60.30	59.48	0.578	60.79	60.04	0.453	60.73	59.97	0.396
Rhode Island	60.15 ^b	58.21	0.087	11.01	10.39	0.520	67.96	65.04	0.111	63.88	61.93	0.163	64.49 ^b	62.39	0.085
South Carolina	45.33 ^a	49.03	0.002	8.65	9.20	0.508	53.32	50.95	0.217	48.23 ^a	53.19	0.001	48.91 ^a	52.89	0.003
South Dakota	59.47	58.06	0.202	11.27	9.99	0.141	64.44	64.91	0.801	64.59	62.87	0.211	64.57	63.16	0.246
Tennessee	43.68	43.55	0.913	9.01	9.35	0.686	50.52	48.84	0.375	46.63	46.67	0.977	47.16	46.96	0.872
Texas	47.12	46.30	0.208	8.77	8.20	0.298	51.65	50.25	0.270	51.74	50.96	0.342	51.72	50.84	0.227
Utah	29.25	27.93	0.236	5.77	5.09	0.456	36.17 ^b	31.99	0.065	31.76	30.98	0.587	32.54	31.14	0.263
Vermont	62.09	62.44	0.762	13.62	15.21	0.172	70.91	70.49	0.809	65.34	65.64	0.835	66.16	66.34	0.882
Virginia	52.31	51.02	0.173	9.62	9.13	0.478	58.85	56.81	0.182	56.16	54.87	0.265	56.53	55.13	0.176
Washington	55.23	56.64	0.226	10.05	11.13	0.189	60.41	60.08	0.858	59.42	61.08	0.242	59.55	60.96	0.266
West Virginia	39.73	39.23	0.690	10.10	9.72	0.681	53.31	50.35	0.118	40.78	40.62	0.916	42.38	41.84	0.695
Wisconsin	61.60 ^b	59.56	0.068	10.73	10.46	0.767	68.43	66.17	0.166	66.42	64.16	0.103	66.71 ^b	64.44	0.064
Wyoming	49.88	48.90	0.440	9.68	10.36	0.455	57.76	54.70	0.102	53.37	52.56	0.606	53.97	52.85	0.421

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 14 Binge Alcohol Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Total U.S.	24.37	24.49	0.512	5.06	4.97	0.539	37.62 ^a	35.89	0.000	24.49 ^a	24.95	0.048	26.33	26.45	0.538
Northeast	26.45	26.04	0.248	5.83	5.45	0.142	43.73 ^a	41.66	0.014	25.92	25.78	0.747	28.36	27.92	0.255
Midwest	26.42	26.57	0.630	5.59	5.38	0.349	41.48 ^a	39.74	0.012	26.43	26.94	0.175	28.57	28.73	0.626
South	22.81	22.96	0.542	4.60	4.73	0.484	34.00 ^a	31.97	0.001	23.19	23.71	0.103	24.69	24.83	0.610
West	23.47	23.96	0.131	4.82	4.68	0.522	35.35	34.40	0.224	23.73 ^a	24.55	0.037	25.39	25.92	0.132
Alabama	21.40 ^b	22.94	0.085	4.43	4.76	0.522	31.46	29.59	0.260	21.78 ^a	24.00	0.043	23.13 ^b	24.77	0.094
Alaska	24.20	23.18	0.264	5.08	4.85	0.669	35.75	33.54	0.207	24.75	23.86	0.429	26.33	25.20	0.261
Arizona	23.10	23.01	0.914	4.66	4.74	0.876	33.39	31.62	0.293	23.66	23.81	0.891	25.04	24.91	0.888
Arkansas	19.49	19.95	0.566	4.59	4.84	0.619	31.55	30.30	0.435	19.34	20.12	0.435	21.06	21.54	0.593
California	23.52 ^b	24.46	0.057	4.62	4.33	0.399	34.99	34.71	0.794	23.82 ^a	25.14	0.030	25.44 ^b	26.49	0.055
Colorado	26.97 ^a	30.04	0.001	5.59	5.84	0.669	40.44	41.79	0.472	27.28 ^a	30.99	0.001	29.12 ^a	32.47	0.001
Connecticut	28.30	29.17	0.410	6.38	6.20	0.755	47.02	46.97	0.978	27.78	28.90	0.390	30.47	31.41	0.417
Delaware	22.51	23.48	0.288	4.30	4.87	0.278	37.87	37.25	0.724	22.19	23.46	0.249	24.23	25.21	0.319
District of Columbia	37.01	36.83	0.868	4.84	4.34	0.399	53.01	53.39	0.856	36.07	35.95	0.929	38.83	38.66	0.887
Florida	24.66 ^a	22.89	0.005	5.11	5.17	0.882	35.56 ^a	32.30	0.004	25.09 ^a	23.35	0.023	26.36 ^a	24.42	0.005
Georgia	20.61	21.59	0.183	3.52 ^b	4.28	0.083	31.39 ^b	28.63	0.052	21.05 ^b	22.68	0.078	22.54	23.53	0.226
Hawaii	20.44 ^a	22.79	0.009	4.42	3.95	0.404	34.09	35.76	0.360	20.19 ^a	22.97	0.011	21.88 ^a	24.48	0.008
Idaho	21.70	21.67	0.963	5.07	4.83	0.659	32.82	30.19	0.136	22.20	22.62	0.688	23.71	23.69	0.982
Illinois	27.53	27.92	0.572	5.72	5.36	0.423	42.92 ^a	39.05	0.002	27.67	28.83	0.176	29.80	30.23	0.562
Indiana	23.06	24.43	0.143	5.09	5.06	0.958	38.24	37.01	0.503	22.69 ^b	24.70	0.093	25.00	26.51	0.146
Iowa	29.66	28.53	0.273	5.90	5.69	0.730	46.38	45.18	0.512	29.56	28.36	0.358	32.10	30.88	0.279
Kansas	26.13	26.75	0.519	6.36	5.95	0.481	39.68	38.77	0.612	26.30	27.33	0.385	28.33	29.05	0.495
Kentucky	21.79	20.47	0.116	5.95	5.59	0.560	33.83 ^a	30.01	0.024	21.70	20.69	0.333	23.39	21.97	0.120
Louisiana	26.72	26.15	0.549	5.21	5.32	0.849	35.73	35.19	0.750	27.87	27.23	0.585	28.98	28.33	0.528
Maine	23.53	22.33	0.207	5.94	5.83	0.857	40.11	38.54	0.349	22.99	21.79	0.287	25.02	23.71	0.204
Maryland	23.77	24.68	0.328	4.63	4.47	0.743	39.58	36.64	0.108	23.53	25.17	0.153	25.66	26.67	0.327
Massachusetts	31.50	30.64	0.372	7.43	6.54	0.186	50.76 ^b	47.49	0.081	30.73	30.27	0.703	33.67	32.77	0.393
Michigan	25.16	26.15	0.140	5.46	5.11	0.423	39.18	39.34	0.907	25.12	26.40	0.119	27.14	28.23	0.139
Minnesota	26.32	26.16	0.866	5.14	5.05	0.873	44.81	43.16	0.409	25.91	26.01	0.937	28.50	28.33	0.871
Mississippi	20.62	21.43	0.335	3.73	4.41	0.151	25.76	25.25	0.737	21.91	22.96	0.328	22.48	23.29	0.381
Missouri	25.23	24.14	0.234	5.82	5.64	0.754	37.98 ^a	34.12	0.030	25.45	24.71	0.514	27.20	26.00	0.234
Montana	29.29 ^a	27.23	0.034	7.54	6.89	0.330	45.86 ^a	41.64	0.032	28.99	27.16	0.123	31.31 ^a	29.12	0.039

See notes at end of table.

(continued)

Table 14 Binge Alcohol Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	29.00	29.24	0.814	6.56	5.63	0.141	43.56	42.38	0.529	29.31	29.98	0.589	31.46	31.83	0.734
Nevada	23.62	22.98	0.490	5.41 ^a	4.26	0.039	31.43	31.32	0.950	24.58	23.93	0.573	25.45	24.85	0.554
New Hampshire	28.58	29.52	0.377	5.79	5.92	0.816	46.36	48.40	0.286	28.20	29.05	0.515	30.63	31.61	0.399
New Jersey	24.21 ^b	25.72	0.062	5.48	5.77	0.585	40.32	41.72	0.398	23.97 ^b	25.65	0.091	26.09 ^b	27.71	0.070
New Mexico	24.41	23.01	0.129	5.50	4.96	0.325	33.01	31.45	0.369	25.33	23.86	0.203	26.42	24.92	0.140
New York	25.00 ^b	23.79	0.053	5.45	4.93	0.202	42.52 ^a	38.51	0.003	24.22	23.42	0.289	26.78 ^b	25.48	0.056
North Carolina	20.35 ^b	21.61	0.079	4.61 ^b	5.59	0.061	30.89	31.34	0.756	20.56	21.97	0.111	21.97	23.24	0.107
North Dakota	31.21	31.62	0.680	6.24	5.66	0.333	48.14	48.54	0.836	30.50	31.19	0.575	33.52	34.07	0.605
Ohio	24.85	24.89	0.947	5.12	5.22	0.801	39.22	38.53	0.589	24.89	25.04	0.864	26.86	26.87	0.983
Oklahoma	22.05	23.42	0.108	4.92	5.08	0.760	33.61	34.79	0.493	22.27	23.85	0.141	23.93	25.43	0.111
Oregon	24.95	24.77	0.836	5.44	5.21	0.686	40.17	38.58	0.373	24.72	24.77	0.963	26.73	26.54	0.840
Pennsylvania	26.81	26.14	0.334	5.54	5.04	0.248	42.51	40.64	0.169	26.66	26.17	0.556	28.78	28.08	0.350
Rhode Island	29.07	27.55	0.143	6.30 ^b	5.22	0.085	44.38	43.06	0.447	28.70	27.12	0.219	31.08	29.50	0.159
South Carolina	23.47 ^a	26.72	0.001	4.87	4.91	0.934	35.60	34.57	0.545	23.68 ^a	27.96	0.001	25.29 ^a	28.83	0.001
South Dakota	30.84	29.63	0.237	7.10	6.17	0.161	45.58	44.89	0.711	31.29	29.99	0.314	33.36	32.12	0.274
Tennessee	20.40	19.91	0.549	4.84	5.14	0.612	29.48	27.07	0.158	20.77	20.49	0.782	21.96	21.38	0.516
Texas	23.35	23.86	0.378	4.27	4.02	0.501	33.67 ^a	31.35	0.038	24.20	25.32	0.123	25.64	26.22	0.361
Utah	16.22	15.02	0.104	3.57	3.84	0.629	27.32 ^a	23.01	0.018	15.93	15.19	0.430	18.00 ^b	16.60	0.092
Vermont	27.32	27.59	0.795	7.15	7.42	0.730	49.25	47.92	0.516	25.50	26.03	0.663	29.02	29.25	0.831
Virginia	23.47	22.80	0.364	4.83	4.77	0.903	39.01	36.84	0.157	23.12	22.63	0.595	25.31	24.56	0.359
Washington	22.71	21.74	0.254	5.02	5.57	0.296	37.90	35.07	0.109	22.33	21.51	0.437	24.41	23.27	0.226
West Virginia	21.51	20.28	0.160	5.67	5.38	0.648	37.79 ^a	33.93	0.031	20.76	19.83	0.374	22.93	21.60	0.163
Wisconsin	30.81	29.96	0.417	6.02	5.95	0.910	46.92	44.44	0.189	31.05	30.38	0.603	33.29	32.34	0.406
Wyoming	23.81	23.84	0.971	5.23	5.49	0.663	39.41 ^b	36.54	0.098	23.52	24.06	0.631	25.70	25.72	0.982

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Binge Alcohol Use is defined as drinking five or more drinks (for males) or four or more drinks (for females) on the same occasion (i.e., at the same time or within a couple of hours of each other) on at least 1 day in the past 30 days.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 15 Perceptions of Great Risk from Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Total U.S.	44.50	44.78	0.198	43.83	43.39	0.218	37.53	37.69	0.643	45.72	46.08	0.180	44.57	44.92	0.139
Northeast	43.05	43.45	0.323	43.83 ^a	42.43	0.029	34.58	34.70	0.863	44.32	44.93	0.219	42.98	43.54	0.197
Midwest	40.29	40.24	0.909	40.45	40.30	0.784	33.09	33.26	0.760	41.46	41.38	0.860	40.27	40.24	0.938
South	46.33 ^a	47.06	0.023	45.73	45.55	0.724	40.45	40.81	0.449	47.36 ^a	48.23	0.026	46.40 ^a	47.22	0.019
West	46.42	46.14	0.501	43.77	43.32	0.473	39.10	38.95	0.813	47.96	47.64	0.538	46.69	46.43	0.559
Alabama	43.61	43.79	0.868	42.67	41.41	0.467	38.05	37.77	0.874	44.62	45.03	0.770	43.70	44.03	0.788
Alaska	42.84	42.61	0.819	39.50	41.25	0.306	33.32	35.95	0.143	44.89	43.86	0.433	43.22	42.76	0.686
Arizona	46.03	45.08	0.404	44.68	42.92	0.315	39.90	40.66	0.683	47.23	46.07	0.420	46.18	45.30	0.486
Arkansas	43.12	44.35	0.271	43.94	43.28	0.710	35.33	35.84	0.768	44.31	45.86	0.264	43.04	44.46	0.245
California	49.13	48.53	0.358	45.59	45.25	0.737	41.11	40.72	0.715	50.91	50.20	0.380	49.49	48.86	0.378
Colorado	43.08	43.31	0.828	40.21	41.98	0.315	34.02	35.34	0.468	44.89	44.73	0.910	43.36	43.45	0.946
Connecticut	43.48	43.12	0.763	43.24	43.58	0.846	32.61	33.35	0.664	45.27	44.65	0.667	43.50	43.08	0.740
Delaware	43.30	42.31	0.400	44.43	43.34	0.529	38.59	38.30	0.870	43.88	42.78	0.448	43.20	42.21	0.442
District of Columbia	41.95	43.23	0.244	46.59	49.35	0.129	33.04 ^a	36.90	0.037	43.38	44.00	0.641	41.69	42.89	0.299
Florida	46.21 ^a	48.58	0.002	44.36	45.69	0.271	40.48	42.06	0.187	47.17 ^a	49.73	0.005	46.37 ^a	48.82	0.002
Georgia	49.32	49.94	0.514	53.04	51.35	0.294	43.24	42.00	0.443	49.86	51.08	0.310	48.90	49.78	0.402
Hawaii	46.91 ^a	44.24	0.026	46.31	43.70	0.160	41.08	40.82	0.893	47.77 ^a	44.74	0.036	46.96 ^a	44.28	0.040
Idaho	42.66	43.76	0.296	42.22	40.91	0.454	36.12	34.82	0.470	43.81	45.64	0.177	42.71	44.10	0.239
Illinois	43.00	41.84	0.154	43.07	42.87	0.869	35.67	35.06	0.630	44.18	42.79	0.183	42.99	41.73	0.164
Indiana	42.42 ^a	40.16	0.035	41.25	38.52	0.106	35.01	33.68	0.437	43.86 ^b	41.48	0.077	42.54 ^b	40.33	0.060
Iowa	35.26	35.26	0.999	36.98	36.67	0.854	29.92	30.60	0.685	36.01	35.91	0.943	35.08	35.11	0.980
Kansas	37.88 ^b	39.95	0.054	37.81 ^b	40.97	0.060	31.04 ^b	34.21	0.066	39.12	40.84	0.213	37.89	39.84	0.104
Kentucky	43.67	45.27	0.150	42.75	41.67	0.524	35.80	36.00	0.909	45.06	47.18	0.132	43.76	45.63	0.126
Louisiana	43.99	44.94	0.387	44.76	42.84	0.275	39.19	40.46	0.464	44.70	45.91	0.371	43.91	45.16	0.293
Maine	40.32	39.47	0.487	37.72	37.96	0.888	29.16	28.56	0.717	42.05	41.02	0.482	40.54	39.59	0.475
Maryland	46.20	45.82	0.754	45.50	44.30	0.500	39.93	42.27	0.203	47.23	46.53	0.628	46.26	45.97	0.822
Massachusetts	39.76	40.37	0.585	41.92	39.50	0.163	31.01	32.62	0.377	41.05	41.78	0.589	39.57	40.44	0.464
Michigan	39.79 ^b	41.16	0.074	40.74	41.78	0.397	33.91	35.03	0.378	40.67	42.10	0.133	39.70 ^b	41.09	0.094
Minnesota	37.89	36.68	0.252	39.30	37.99	0.444	30.19	30.52	0.854	38.94	37.49	0.263	37.74	36.55	0.293
Mississippi	47.88	48.02	0.901	47.23	45.00	0.195	43.59	45.20	0.382	48.71	48.89	0.900	47.95	48.35	0.753
Missouri	40.75	40.97	0.829	41.11	40.24	0.606	33.64	34.53	0.612	41.86	42.08	0.867	40.71	41.04	0.770
Montana	35.94 ^a	38.10	0.050	36.01	36.86	0.597	27.03 ^a	33.53	0.000	37.36	38.95	0.238	35.94 ^b	38.22	0.056

See notes at end of table.

(continued)

Table 15 Perceptions of Great Risk from Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	39.15	39.04	0.911	38.31	39.32	0.553	30.87	31.21	0.845	40.74	40.39	0.785	39.24	39.01	0.833
Nevada	46.22	45.64	0.616	45.75	45.26	0.787	44.43	42.08	0.222	46.53	46.18	0.807	46.26	45.67	0.642
New Hampshire	37.94	37.53	0.701	37.48	36.09	0.380	28.93	29.29	0.829	39.39	38.93	0.733	37.98	37.66	0.781
New Jersey	46.84	47.45	0.551	45.62	45.30	0.848	36.72	39.19	0.136	48.49	48.90	0.738	46.97	47.66	0.529
New Mexico	47.84	49.56	0.110	43.41	43.24	0.922	41.30	42.77	0.438	49.46	51.44	0.146	48.31	50.23	0.107
New York	45.30	45.59	0.705	46.58	46.36	0.845	37.22	35.54	0.156	46.49	47.10	0.509	45.19	45.52	0.684
North Carolina	45.25	45.77	0.594	45.51	44.34	0.438	40.14	39.62	0.732	46.03	46.89	0.471	45.23	45.91	0.514
North Dakota	37.10	36.79	0.763	36.97	37.31	0.833	28.57	30.04	0.380	38.90	38.09	0.541	37.12	36.74	0.740
Ohio	42.07	41.89	0.828	41.96	41.83	0.923	34.33	32.50	0.139	43.32	43.37	0.953	42.08	41.89	0.835
Oklahoma	44.60	43.60	0.375	42.90 ^b	40.03	0.085	38.87	37.06	0.322	45.81	45.17	0.656	44.78	43.99	0.524
Oregon	41.16	41.38	0.845	38.23	36.43	0.298	30.77	30.15	0.719	43.02	43.53	0.705	41.42	41.82	0.740
Pennsylvania	40.00	40.48	0.550	41.23 ^a	36.82	0.000	33.11	33.34	0.854	40.93	41.95	0.306	39.88	40.81	0.285
Rhode Island	39.63 ^a	42.47	0.012	41.58	42.95	0.421	34.74	35.10	0.841	40.31 ^a	43.72	0.015	39.46 ^a	42.43	0.014
South Carolina	44.10	43.73	0.744	42.44	43.63	0.487	37.85	37.89	0.984	45.26	44.63	0.656	44.26	43.74	0.675
South Dakota	37.62	38.84	0.250	37.21	37.41	0.901	29.57	31.75	0.195	39.04	40.20	0.388	37.66	38.99	0.255
Tennessee	46.88	45.65	0.264	44.99	44.37	0.720	38.82	37.07	0.333	48.38	47.14	0.357	47.07	45.78	0.279
Texas	49.11	49.58	0.489	47.06	47.62	0.636	44.19	44.29	0.932	50.29	50.79	0.557	49.35	49.81	0.540
Utah	47.76	46.75	0.348	49.33 ^a	45.28	0.034	42.77	39.84	0.140	48.61	48.56	0.967	47.54	46.96	0.629
Vermont	37.10 ^a	39.63	0.020	37.55	38.38	0.628	27.04 ^a	30.75	0.039	38.81 ^b	41.29	0.066	37.06 ^a	39.73	0.022
Virginia	43.46 ^b	44.98	0.098	43.89	45.01	0.456	35.26	37.66	0.111	44.72	46.13	0.213	43.41	44.97	0.120
Washington	39.92	41.14	0.290	36.32	37.75	0.431	33.76	34.23	0.795	41.26	42.53	0.367	40.26	41.46	0.337
West Virginia	43.00	43.06	0.954	37.80	38.50	0.690	35.27	34.92	0.848	44.65	44.68	0.981	43.46	43.46	0.997
Wisconsin	36.01 ^a	38.47	0.025	35.40	36.21	0.620	28.37	30.91	0.113	37.33 ^b	39.96	0.055	36.07 ^a	38.69	0.028
Wyoming	42.45	41.19	0.271	40.58	40.84	0.882	35.80	33.48	0.189	43.73	42.41	0.359	42.64	41.22	0.260

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 16 Alcohol Use and Binge Alcohol Use in the Past Month among Individuals Aged 12 to 20, by State: Percentages and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	Alcohol Use in Past Month (2016-2017)	Alcohol Use in Past Month (2017-2018)	Alcohol Use in Past Month (P Value)	Binge Alcohol Use in Past Month (2016-2017)	Binge Alcohol Use in Past Month (2017-2018)	Binge Alcohol Use in Past Month (P Value)
Total U.S.	19.50	19.25	0.417	12.00	11.66	0.153
Northeast	22.91 ^a	22.01	0.034	14.94 ^a	13.93	0.010
Midwest	21.36	21.20	0.641	13.70	13.48	0.542
South	17.83	17.54	0.336	10.28	10.13	0.615
West	18.09	18.35	0.525	11.16	10.94	0.548
Alabama	18.36	18.85	0.584	10.80	10.91	0.876
Alaska	19.53 ^b	17.67	0.072	11.44	10.63	0.298
Arizona	17.63	17.19	0.644	10.70	10.30	0.591
Arkansas	15.57	16.84	0.152	9.45	10.09	0.375
California	17.90	18.09	0.757	11.16	10.81	0.507
Colorado	20.73	21.70	0.400	12.93	13.59	0.456
Connecticut	23.92 ^b	26.18	0.051	15.82	16.62	0.412
Delaware	17.47	17.72	0.820	10.75	10.20	0.494
District of Columbia	24.17	23.27	0.454	17.43	15.75	0.111
Florida	20.26	19.24	0.153	11.44	10.80	0.235
Georgia	15.65	15.95	0.711	8.36	9.05	0.250
Hawaii	16.73	15.88	0.420	10.46	9.98	0.566
Idaho	16.94 ^a	14.27	0.007	10.42 ^b	9.09	0.089
Illinois	20.67	19.84	0.295	13.64	12.97	0.319
Indiana	20.16	18.90	0.215	12.50	11.41	0.194
Iowa	21.72 ^a	24.26	0.020	14.88	15.56	0.442
Kansas	20.59	20.91	0.785	13.54	12.67	0.295
Kentucky	19.63	18.14	0.147	12.92 ^a	11.15	0.027
Louisiana	19.51	20.74	0.275	11.35	11.48	0.875
Maine	24.13	23.27	0.432	15.16	14.08	0.241
Maryland	19.12	19.01	0.917	10.72	10.20	0.499
Massachusetts	31.78	29.84	0.147	22.14 ^a	19.63	0.033
Michigan	22.47	22.66	0.804	14.15	13.99	0.803
Minnesota	22.63	21.90	0.444	14.41	14.05	0.660
Mississippi	13.92	14.48	0.550	7.74	8.31	0.370
Missouri	21.05	20.29	0.435	13.25	12.53	0.368
Montana	24.66	25.57	0.423	16.15	15.59	0.539

See notes at end of table.

(continued)

Table 16 Alcohol Use and Binge Alcohol Use in the Past Month among Individuals Aged 12 to 20, by State: Percentages and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	Alcohol Use in Past Month (2016-2017)	Alcohol Use in Past Month (2017-2018)	Alcohol Use in Past Month (P Value)	Binge Alcohol Use in Past Month (2016-2017)	Binge Alcohol Use in Past Month (2017-2018)	Binge Alcohol Use in Past Month (P Value)
Nebraska	20.72	21.26	0.620	13.86	14.64	0.412
Nevada	17.08	16.76	0.757	9.99	9.07	0.209
New Hampshire	25.45 ^b	23.47	0.092	15.79	15.28	0.619
New Jersey	20.97	22.04	0.231	12.35 ^a	13.94	0.028
New Mexico	19.04	18.11	0.356	10.60	10.06	0.465
New York	20.64 ^b	19.37	0.070	13.36 ^a	11.97	0.018
North Carolina	17.58	18.36	0.328	10.05	11.03	0.134
North Dakota	28.14	26.47	0.203	19.66	18.43	0.293
Ohio	20.14	20.38	0.762	12.48	13.25	0.203
Oklahoma	16.13	16.26	0.893	9.48	9.76	0.690
Oregon	20.83	21.73	0.365	12.63	13.42	0.314
Pennsylvania	20.92 ^a	18.67	0.006	13.85 ^a	11.77	0.002
Rhode Island	25.70	27.40	0.132	17.22	17.65	0.650
South Carolina	17.90	17.69	0.814	11.40	11.94	0.491
South Dakota	23.23	22.27	0.349	15.63	14.82	0.369
Tennessee	16.99	16.20	0.430	9.79	9.08	0.348
Texas	16.99	16.43	0.367	9.48	9.12	0.503
Utah	12.11	10.51	0.115	8.51 ^b	7.12	0.073
Vermont	28.12 ^a	31.51	0.010	19.60	20.75	0.339
Virginia	18.45	17.35	0.192	11.21	10.78	0.522
Washington	18.70 ^a	21.86	0.002	10.98	11.92	0.236
West Virginia	20.38	19.24	0.312	13.04	11.92	0.183
Wisconsin	23.26	23.65	0.689	15.01	14.96	0.948
Wyoming	21.56	21.10	0.662	13.11	12.67	0.587

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Binge Alcohol Use is defined as drinking five or more drinks (for males) or four or more drinks (for females) on the same occasion (i.e., at the same time or within a couple of hours of each other) on at least 1 day in the past 30 days.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 17 Tobacco Product Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Total U.S.	22.99 ^a	21.96	0.000	5.10 ^a	4.55	0.000	29.52 ^a	27.46	0.000	24.04 ^a	23.11	0.000	24.80 ^a	23.70	0.000
Northeast	21.91 ^a	20.30	0.000	4.59 ^b	4.18	0.051	29.91 ^a	27.70	0.000	22.50 ^a	20.85	0.000	23.52 ^a	21.77	0.000
Midwest	25.69 ^a	24.22	0.000	5.91 ^a	5.00	0.000	32.75 ^a	30.05	0.000	26.90 ^a	25.55	0.001	27.73 ^a	26.18	0.000
South	24.66 ^a	23.86	0.003	5.46 ^a	5.03	0.033	30.60 ^a	28.95	0.000	26.02 ^a	25.30	0.037	26.65 ^a	25.80	0.004
West	18.74 ^b	18.16	0.063	4.12 ^a	3.63	0.022	24.68 ^a	22.64	0.000	19.50	19.15	0.372	20.24 ^b	19.63	0.079
Alabama	30.12	29.78	0.739	7.90	7.34	0.453	35.28	33.79	0.364	31.91	31.75	0.905	32.38	32.03	0.758
Alaska	26.68 ^a	24.12	0.009	8.69	7.45	0.175	34.77 ^a	29.83	0.005	27.67 ^b	25.34	0.056	28.69 ^a	25.96	0.011
Arizona	21.19	20.96	0.800	3.60	3.29	0.456	27.99	25.73	0.170	22.22	22.31	0.936	23.04	22.80	0.808
Arkansas	30.69	30.72	0.977	7.52	7.53	0.983	33.90	32.52	0.409	33.01	33.26	0.860	33.14	33.16	0.987
California	16.23 ^a	15.12	0.012	3.45 ^a	2.73	0.011	20.56 ^a	18.76	0.019	17.02 ^b	15.97	0.064	17.53 ^a	16.37	0.017
Colorado	20.15	21.42	0.126	4.66	4.86	0.709	32.03	29.83	0.150	20.03 ^b	22.01	0.054	21.71	23.08	0.132
Connecticut	21.24	19.72	0.107	4.13	3.45	0.130	31.68 ^a	27.33	0.007	21.52	20.34	0.317	22.94	21.31	0.115
Delaware	21.77 ^b	23.59	0.077	4.02 ^b	4.94	0.064	27.74	27.40	0.825	22.80 ^b	25.02	0.080	23.44 ^b	25.32	0.092
District of Columbia	23.55	22.57	0.314	3.71 ^b	4.64	0.077	28.77	26.82	0.235	23.86	22.98	0.454	24.66	23.58	0.288
Florida	20.49	20.13	0.558	4.62	4.55	0.856	25.51 ^a	23.61	0.037	21.36	21.18	0.809	21.86	21.47	0.551
Georgia	24.08	23.27	0.281	5.45 ^a	4.36	0.032	30.46	29.03	0.303	25.45	24.78	0.474	26.17	25.38	0.337
Hawaii	17.11	16.12	0.236	3.41	2.76	0.147	25.14 ^b	22.25	0.057	17.40	16.65	0.472	18.34	17.31	0.259
Idaho	22.65	21.68	0.291	5.99	5.02	0.109	32.96 ^a	28.20	0.003	23.29	22.95	0.769	24.67	23.69	0.338
Illinois	22.44 ^a	20.55	0.005	5.21 ^a	3.86	0.002	29.09 ^a	24.83	0.000	23.45 ^b	21.85	0.058	24.23 ^a	22.26	0.007
Indiana	26.80	27.01	0.825	6.43 ^a	4.85	0.012	33.29	31.61	0.305	28.26	29.00	0.529	29.00	29.38	0.712
Iowa	26.39	25.51	0.385	5.01	4.45	0.322	37.22 ^a	32.17	0.003	27.05	26.89	0.901	28.59	27.68	0.411
Kansas	24.75	24.65	0.914	5.37 ^b	4.32	0.059	31.73 ^b	28.96	0.072	26.05	26.53	0.697	26.91	26.90	0.993
Kentucky	33.73	32.10	0.137	9.61	9.12	0.597	40.64 ^a	35.06	0.002	35.45	34.31	0.406	36.18	34.41	0.141
Louisiana	30.20	29.29	0.384	6.90	5.76	0.117	34.52	33.61	0.593	32.34	31.44	0.490	32.65	31.74	0.428
Maine	24.21	22.90	0.228	7.90 ^b	6.51	0.088	35.21	34.32	0.605	24.30	22.97	0.303	25.59	24.27	0.258
Maryland	19.10	18.84	0.770	4.45	4.26	0.693	26.10	24.51	0.296	19.69	19.64	0.960	20.54	20.27	0.776
Massachusetts	20.70	19.74	0.299	4.31	5.07	0.156	29.16 ^a	25.05	0.011	20.97	20.35	0.592	22.17	21.04	0.258
Michigan	26.18 ^a	24.30	0.006	5.52	5.00	0.263	30.32	28.74	0.157	27.91 ^a	25.79	0.016	28.26 ^a	26.20	0.006
Minnesota	22.77	21.71	0.221	5.24	4.73	0.371	34.44	31.83	0.146	23.01	22.15	0.422	24.57	23.46	0.239
Mississippi	31.32	31.45	0.914	7.62	7.40	0.787	33.81	33.18	0.722	33.95	34.23	0.849	33.93	34.07	0.909
Missouri	27.07	25.52	0.122	7.27 ^b	6.10	0.071	31.33 ^a	27.49	0.013	28.71	27.47	0.322	29.08	27.48	0.144
Montana	27.11	25.65	0.168	8.33	7.10	0.149	38.20	40.84	0.133	27.36	25.27	0.107	28.86	27.38	0.199

See notes at end of table.

(continued)

Table 17 Tobacco Product Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	26.34 ^a	24.37	0.037	4.96 ^b	3.89	0.068	35.90	33.48	0.164	27.40 ^b	25.42	0.097	28.68 ^a	26.63	0.048
Nevada	24.12	24.82	0.476	4.61	4.22	0.457	27.75	28.06	0.838	25.84	26.72	0.474	26.09	26.89	0.460
New Hampshire	22.47 ^b	20.71	0.066	6.38	5.49	0.188	33.53	32.11	0.431	22.43	20.52	0.102	23.92 ^b	22.05	0.072
New Jersey	20.78 ^a	19.03	0.020	4.14	3.59	0.243	29.89	28.32	0.282	21.34 ^a	19.42	0.040	22.45 ^a	20.56	0.022
New Mexico	25.08	24.42	0.531	4.76	5.47	0.255	31.42	30.48	0.597	26.56	25.76	0.543	27.24	26.42	0.478
New York	19.64 ^a	17.96	0.003	3.72	3.53	0.547	26.09	25.06	0.306	20.27 ^a	18.34	0.006	21.09 ^a	19.25	0.003
North Carolina	24.78	24.38	0.638	5.88	5.31	0.269	33.90	31.56	0.106	25.58	25.49	0.932	26.71	26.31	0.664
North Dakota	26.66	26.40	0.793	6.99	6.24	0.287	35.27	33.23	0.218	27.07	27.33	0.837	28.47	28.31	0.876
Ohio	28.75 ^a	26.74	0.007	6.85	6.39	0.414	36.60	34.65	0.115	30.09 ^a	27.86	0.017	30.99 ^a	28.78	0.007
Oklahoma	28.81	28.66	0.898	6.19	5.40	0.215	33.92	35.98	0.251	30.83	30.40	0.760	31.28	31.20	0.951
Oregon	23.11 ^a	21.03	0.021	5.50 ^b	4.60	0.094	32.31	29.97	0.150	23.57 ^a	21.41	0.049	24.71 ^a	22.51	0.025
Pennsylvania	26.48 ^a	24.73	0.011	5.88 ^a	4.89	0.034	34.60 ^a	31.67	0.015	27.43 ^b	25.78	0.052	28.39 ^a	26.56	0.014
Rhode Island	22.31 ^a	20.18	0.026	4.90 ^a	3.79	0.029	28.22	26.84	0.371	23.06 ^a	20.69	0.050	23.84 ^a	21.61	0.031
South Carolina	26.94	26.62	0.759	6.73	7.19	0.537	34.25 ^b	31.16	0.071	28.09	28.09	0.997	28.92	28.50	0.720
South Dakota	29.08 ^a	26.55	0.011	8.36	7.17	0.128	39.09 ^a	35.71	0.043	29.94 ^a	27.42	0.042	31.27 ^a	28.60	0.014
Tennessee	29.89	28.28	0.131	7.11	6.52	0.434	36.05	35.78	0.867	31.56	29.62	0.141	32.18	30.45	0.137
Texas	22.55 ^a	21.27	0.029	3.75	3.43	0.359	27.24 ^a	24.94	0.018	24.38 ^b	23.14	0.096	24.81 ^a	23.40	0.031
Utah	15.24	14.88	0.670	3.61	3.08	0.303	20.35 ^a	16.51	0.011	16.10	16.57	0.658	16.87	16.55	0.730
Vermont	26.56 ^a	24.20	0.016	7.50	7.27	0.785	42.76 ^a	37.16	0.003	25.62 ^b	23.60	0.098	28.16 ^a	25.60	0.015
Virginia	21.29	20.13	0.127	5.06	4.39	0.195	30.23	30.92	0.633	21.71	20.22	0.110	22.89	21.68	0.143
Washington	20.53	21.60	0.250	5.46	5.66	0.739	28.07 ^a	24.95	0.040	21.03	22.84	0.115	21.97	23.11	0.261
West Virginia	37.92 ^a	34.95	0.015	9.45	8.06	0.179	43.82	43.23	0.753	39.97 ^a	36.48	0.020	40.46 ^a	37.33	0.018
Wisconsin	25.23 ^b	23.36	0.054	5.51	4.55	0.103	32.32	30.53	0.247	26.36 ^b	24.37	0.098	27.20 ^b	25.22	0.062
Wyoming	26.98	27.13	0.888	6.62	6.77	0.850	38.59	38.50	0.961	27.54	27.79	0.849	29.06	29.22	0.888

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Tobacco Products include cigarettes, smokeless tobacco (i.e., snuff, dip, chewing tobacco, or snus), cigars, or pipe tobacco.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 18 Cigarette Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (<i>P</i> Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (<i>P</i> Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (<i>P</i> Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (<i>P</i> Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (<i>P</i> Value)
Total U.S.	18.47 ^a	17.52	0.000	3.29 ^a	2.93	0.002	22.90 ^a	20.73	0.000	19.54 ^a	18.71	0.000	20.01 ^a	18.99	0.000
Northeast	17.54 ^a	16.22	0.000	2.94 ^a	2.60	0.041	22.38 ^a	20.28	0.000	18.34 ^a	17.03	0.002	18.90 ^a	17.47	0.000
Midwest	20.61 ^a	19.43	0.000	4.04 ^a	3.35	0.000	25.03 ^a	22.67	0.000	21.88 ^a	20.81	0.004	22.32 ^a	21.07	0.000
South	19.78 ^a	18.95	0.001	3.44	3.22	0.167	23.74 ^a	21.72	0.000	21.11 ^a	20.39	0.028	21.48 ^a	20.57	0.001
West	15.18 ^a	14.53	0.026	2.63 ^a	2.30	0.035	20.10 ^a	17.79	0.000	15.86	15.45	0.268	16.46 ^a	15.77	0.031
Alabama	23.46	24.16	0.486	4.80	4.91	0.842	25.60	25.60	0.999	25.32	26.18	0.494	25.36	26.10	0.501
Alaska	19.65 ^a	17.24	0.006	5.98 ^a	4.32	0.018	27.57 ^a	22.21	0.001	20.11 ^b	18.09	0.063	21.18 ^a	18.66	0.009
Arizona	16.92	17.03	0.894	2.33	2.22	0.726	21.92	20.34	0.280	17.88	18.28	0.698	18.45	18.57	0.900
Arkansas	24.65	24.22	0.669	4.86	5.02	0.762	27.38 ^b	24.79	0.084	26.64	26.48	0.898	26.74	26.24	0.649
California	13.34 ^a	12.07	0.002	2.08 ^a	1.54	0.012	17.04 ^a	14.52	0.001	14.06 ^a	12.91	0.028	14.49 ^a	13.13	0.003
Colorado	15.82	17.10	0.133	3.22	3.61	0.345	25.51	24.00	0.305	15.72 ^b	17.57	0.076	17.09	18.45	0.146
Connecticut	16.84 ^a	15.06	0.045	2.49 ^a	1.83	0.046	23.71 ^a	19.67	0.005	17.38	15.81	0.157	18.27 ^a	16.35	0.049
Delaware	18.36	18.99	0.489	2.56	2.81	0.458	21.69	20.65	0.428	19.56	20.47	0.421	19.84	20.50	0.515
District of Columbia	18.70	19.01	0.732	1.78 ^a	2.43	0.046	22.42	21.48	0.538	19.12	19.66	0.617	19.65	19.94	0.762
Florida	16.68	16.34	0.547	2.76	2.85	0.762	19.08 ^a	16.87	0.009	17.72	17.58	0.840	17.89	17.50	0.529
Georgia	18.90	17.77	0.119	3.43 ^b	2.72	0.051	23.29 ^a	20.28	0.015	20.20	19.31	0.336	20.64	19.44	0.137
Hawaii	13.62	13.11	0.497	2.63	2.18	0.264	22.95 ^a	19.77	0.025	13.45	13.32	0.885	14.61	14.08	0.525
Idaho	18.24	17.18	0.178	4.35	3.75	0.232	27.15 ^a	22.99	0.005	18.72	18.11	0.537	19.92	18.80	0.201
Illinois	18.19 ^a	16.68	0.017	3.13 ^a	2.27	0.007	23.57 ^a	19.30	0.000	19.13	17.97	0.141	19.75 ^a	18.15	0.022
Indiana	21.37	22.01	0.501	4.55 ^a	3.47	0.039	24.26	24.96	0.633	23.00	23.84	0.493	23.18	24.00	0.441
Iowa	20.97	20.15	0.368	3.70	3.41	0.514	28.58 ^a	23.37	0.001	21.71	21.61	0.930	22.75	21.87	0.383
Kansas	19.68	19.03	0.460	3.43	2.84	0.130	23.90 ^a	20.96	0.044	21.06	20.80	0.816	21.49	20.82	0.496
Kentucky	26.66	25.83	0.419	5.88	5.80	0.903	31.46 ^a	27.74	0.028	28.33	27.86	0.714	28.77	27.85	0.414
Louisiana	23.92 ^b	22.24	0.081	4.36 ^b	3.47	0.083	27.11	25.07	0.198	25.79	24.06	0.148	25.98 ^b	24.20	0.093
Maine	20.16	19.30	0.366	6.17	5.20	0.165	27.60	26.68	0.557	20.50	19.67	0.463	21.35	20.48	0.401
Maryland	15.70	14.88	0.311	2.68	2.42	0.467	19.79 ^a	16.64	0.015	16.56	16.02	0.594	16.99	16.10	0.318
Massachusetts	16.57	15.92	0.427	2.66	2.91	0.500	21.12 ^b	18.70	0.084	17.25	16.80	0.656	17.82	17.07	0.398
Michigan	21.63 ^a	19.51	0.001	3.68 ^b	3.02	0.064	23.56 ^a	20.93	0.011	23.42 ^a	21.18	0.005	23.44 ^a	21.14	0.001
Minnesota	18.26	17.10	0.163	3.82	3.27	0.279	25.90	25.50	0.801	18.76	17.42	0.194	19.74	18.52	0.180
Mississippi	24.55	24.99	0.675	4.71	4.51	0.730	26.43	25.58	0.571	26.79	27.51	0.586	26.73	27.23	0.668
Missouri	21.33	21.01	0.724	5.20	4.37	0.129	24.06 ^b	21.47	0.065	22.79	22.88	0.937	22.97	22.69	0.776
Montana	20.53	19.42	0.241	6.03	5.12	0.204	28.45	31.04	0.130	20.83	19.13	0.142	21.88	20.75	0.273

See notes at end of table.

(continued)

Table 18 Cigarette Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	20.81 ^a	18.98	0.038	3.68 ^b	2.84	0.070	26.25 ^b	23.59	0.078	22.05	20.26	0.108	22.69 ^a	20.75	0.047
Nevada	19.54	20.02	0.626	2.78	2.79	0.989	22.33	21.95	0.798	21.06	21.71	0.590	21.22	21.74	0.633
New Hampshire	17.68 ^a	15.55	0.010	4.87 ^b	3.84	0.074	25.55	24.26	0.386	17.80 ^a	15.42	0.019	18.84 ^a	16.59	0.012
New Jersey	16.67 ^b	15.36	0.057	2.50	2.17	0.284	24.00 ^a	21.06	0.028	17.21	16.03	0.158	18.09 ^b	16.67	0.059
New Mexico	20.06	19.87	0.841	2.74	3.02	0.492	25.33	24.40	0.585	21.34	21.20	0.908	21.91	21.65	0.809
New York	16.16 ^a	14.65	0.006	2.41	2.13	0.261	19.30	18.10	0.187	17.10 ^a	15.40	0.012	17.41 ^a	15.77	0.006
North Carolina	20.08	19.45	0.410	3.45	3.10	0.359	25.55	23.68	0.147	21.19	20.70	0.600	21.79	21.11	0.418
North Dakota	20.23	20.26	0.972	5.22	4.56	0.258	25.49	25.49	0.999	20.82	21.01	0.876	21.61	21.75	0.896
Ohio	22.89 ^a	21.47	0.036	4.71	4.43	0.556	28.04 ^a	25.24	0.010	24.22	22.87	0.106	24.74 ^a	23.19	0.036
Oklahoma	22.91	22.91	1.000	4.36	4.27	0.876	26.63	29.03	0.137	24.66	24.26	0.743	24.94	24.95	0.994
Oregon	18.69 ^a	16.54	0.008	3.74	3.25	0.277	26.59 ^b	23.66	0.057	19.06 ^a	16.87	0.026	20.05 ^a	17.74	0.008
Pennsylvania	20.55 ^b	19.31	0.059	3.71	3.17	0.122	25.32 ^a	22.79	0.015	21.61	20.48	0.165	22.11 ^b	20.79	0.066
Rhode Island	17.66	16.65	0.241	2.97	2.55	0.245	21.15	20.76	0.783	18.56	17.38	0.276	18.95	17.88	0.250
South Carolina	21.85	21.64	0.816	4.42	4.92	0.365	25.15	24.65	0.744	23.31	23.04	0.820	23.56	23.26	0.769
South Dakota	22.56 ^a	19.50	0.001	6.48 ^a	4.88	0.018	29.34 ^a	24.22	0.001	23.40 ^a	20.52	0.012	24.26 ^a	21.05	0.001
Tennessee	23.40 ^a	21.35	0.030	4.72	4.34	0.462	27.56	25.19	0.123	24.91 ^b	22.71	0.062	25.27 ^a	23.04	0.031
Texas	18.33 ^a	17.19	0.027	2.41	2.24	0.541	22.38 ^a	19.66	0.004	19.87	18.86	0.129	20.25 ^a	18.98	0.028
Utah	13.34	12.24	0.119	2.66 ^b	1.98	0.086	17.78 ^a	13.51	0.002	14.20	13.74	0.614	14.84	13.68	0.148
Vermont	20.55	19.18	0.163	5.75	5.49	0.725	33.38 ^a	29.32	0.030	19.77	18.75	0.378	21.79	20.31	0.162
Virginia	17.02 ^a	15.51	0.034	3.36	2.78	0.142	23.78	23.13	0.609	17.50 ^a	15.75	0.045	18.37 ^a	16.76	0.039
Washington	16.50	17.58	0.202	3.40	3.57	0.704	21.96 ^b	19.55	0.080	17.11 ^b	18.81	0.099	17.76	18.91	0.211
West Virginia	29.93 ^a	27.73	0.044	6.42	5.82	0.439	33.51	32.17	0.442	31.81 ^b	29.31	0.059	32.03 ^a	29.67	0.046
Wisconsin	20.23	18.68	0.116	3.85 ^b	3.09	0.095	23.46	23.31	0.919	21.61	19.73	0.125	21.88	20.23	0.127
Wyoming	19.95	20.02	0.946	4.48	4.72	0.707	29.28	30.07	0.625	20.29	20.28	0.991	21.52	21.58	0.955

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 19 Perceptions of Great Risk from Smoking One or More Packs of Cigarettes per Day, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Total U.S.	72.21 ^a	71.73	0.013	68.24 ^a	66.27	0.000	67.57	67.04	0.107	73.44	73.11	0.166	72.61	72.27	0.107
Northeast	74.26	74.17	0.800	71.19 ^a	68.78	0.000	69.24	69.14	0.871	75.39	75.51	0.774	74.54	74.65	0.778
Midwest	68.59	68.28	0.365	65.71 ^a	64.08	0.002	64.09	63.36	0.180	69.67	69.57	0.804	68.88	68.70	0.624
South	71.87 ^a	71.32	0.031	67.62 ^a	65.87	0.000	67.14	66.46	0.148	73.14	72.73	0.188	72.31	71.87	0.117
West	74.44 ^a	73.62	0.018	69.45 ^a	67.17	0.000	70.09	69.68	0.495	75.76 ^b	75.02	0.082	74.95 ^b	74.27	0.072
Alabama	68.99	68.61	0.674	66.83 ^a	63.60	0.046	64.33	64.92	0.725	70.00	69.77	0.840	69.21	69.10	0.916
Alaska	70.11	68.75	0.161	63.29	64.26	0.590	63.68	61.10	0.146	72.08	70.56	0.203	70.87	69.24	0.126
Arizona	73.41 ^a	70.63	0.005	70.53 ^a	65.75	0.003	70.17	68.28	0.252	74.30 ^a	71.60	0.027	73.71 ^a	71.13	0.017
Arkansas	68.13	67.25	0.349	64.80 ^a	61.04	0.026	63.01	63.58	0.745	69.38	68.60	0.497	68.48	67.90	0.573
California	76.63 ^a	75.54	0.036	71.04 ^a	68.43	0.007	73.17	72.39	0.405	77.87	76.88	0.123	77.19 ^b	76.25	0.096
Colorado	73.50	73.55	0.953	67.77	65.62	0.181	67.84	68.31	0.771	75.09	75.30	0.843	74.08	74.34	0.772
Connecticut	74.30	75.13	0.374	72.10 ^a	68.78	0.044	70.71	71.55	0.579	75.13	76.42	0.271	74.51	75.75	0.234
Delaware	71.90	71.54	0.715	69.23	67.52	0.279	70.28	70.30	0.989	72.42	72.14	0.818	72.14	71.91	0.827
District of Columbia	76.51	75.83	0.423	64.77	65.31	0.742	70.88	71.83	0.579	78.39	77.26	0.266	77.16	76.42	0.405
Florida	76.68	75.97	0.233	71.49 ^b	69.76	0.093	72.05	71.85	0.850	77.82	77.13	0.329	77.13	76.50	0.326
Georgia	71.73	71.19	0.477	70.74 ^a	66.57	0.002	67.48	66.11	0.333	72.57	72.63	0.948	71.83	71.71	0.876
Hawaii	72.77	71.62	0.286	65.69	64.70	0.583	65.31	67.19	0.294	74.51	72.90	0.221	73.40	72.23	0.319
Idaho	71.52	70.74	0.413	68.24	67.28	0.533	64.12	61.90	0.210	73.21	72.69	0.669	71.91	71.15	0.480
Illinois	72.82	72.72	0.884	67.26	65.62	0.168	67.63	67.42	0.863	74.33	74.40	0.934	73.39	73.44	0.950
Indiana	67.84	67.02	0.410	63.23	63.98	0.621	63.72	63.76	0.981	69.15	67.96	0.347	68.34	67.34	0.366
Iowa	65.98	64.58	0.168	64.61	62.50	0.225	60.73	59.55	0.516	67.08	65.71	0.275	66.12	64.79	0.230
Kansas	68.69	67.97	0.468	69.04 ^a	65.52	0.027	63.87	63.67	0.913	69.50	69.04	0.707	68.65	68.23	0.704
Kentucky	64.98	64.11	0.403	62.19	59.77	0.164	59.84	57.80	0.269	66.14	65.63	0.698	65.26	64.55	0.529
Louisiana	67.72	68.01	0.766	62.51	61.70	0.608	63.36	63.56	0.905	69.08	69.49	0.738	68.26	68.67	0.713
Maine	70.78	69.76	0.329	68.37 ^a	65.29	0.049	63.42	64.11	0.677	71.99	70.90	0.390	70.98	70.12	0.452
Maryland	76.27	75.02	0.145	71.94 ^a	68.48	0.029	72.33	72.80	0.770	77.36	76.09	0.221	76.69	75.66	0.263
Massachusetts	73.58	73.55	0.978	70.92	69.13	0.250	71.11	68.43	0.110	74.28	74.88	0.581	73.81	73.94	0.894
Michigan	68.84	69.21	0.617	68.13	67.02	0.335	65.64	65.50	0.913	69.46	70.07	0.505	68.91	69.42	0.524
Minnesota	68.67	67.99	0.477	63.77	61.82	0.239	61.93	62.54	0.748	70.31	69.56	0.522	69.17	68.62	0.598
Mississippi	68.80	69.27	0.650	61.77	61.19	0.728	65.68	64.45	0.480	70.25	71.12	0.499	69.57	70.15	0.613
Missouri	67.40	65.92	0.140	66.65 ^a	63.10	0.026	61.22	61.03	0.913	68.49	67.02	0.240	67.48	66.19	0.249
Montana	69.38	69.75	0.704	63.20	62.72	0.776	60.11	62.30	0.199	71.52	71.66	0.909	69.95	70.39	0.674

See notes at end of table.

(continued)

Table 19 Perceptions of Great Risk from Smoking One or More Packs of Cigarettes per Day, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	66.83	66.30	0.587	64.08 ^b	61.04	0.069	63.42	61.82	0.363	67.79	67.76	0.981	67.12	66.87	0.811
Nevada	71.86	70.44	0.171	66.17	66.55	0.829	69.77	67.10	0.116	72.82	71.35	0.244	72.43	70.83	0.158
New Hampshire	71.37	72.12	0.432	70.42 ^b	67.65	0.070	66.00	66.34	0.845	72.30	73.45	0.318	71.46	72.51	0.303
New Jersey	77.11	76.98	0.862	74.20 ^b	71.79	0.075	68.46	70.02	0.302	78.73	78.59	0.876	77.40	77.49	0.915
New Mexico	71.37	72.68	0.167	62.42	62.23	0.904	64.74	66.46	0.339	73.57	74.97	0.239	72.32	73.78	0.164
New York	76.63	76.24	0.537	72.35	70.75	0.117	70.47	71.15	0.528	78.08	77.60	0.538	77.01	76.72	0.673
North Carolina	69.92 ^a	67.72	0.013	66.26 ^a	62.52	0.010	65.06	64.11	0.521	71.12 ^a	68.89	0.040	70.29 ^a	68.24	0.031
North Dakota	66.19 ^a	63.66	0.012	64.63 ^b	61.44	0.062	62.17 ^a	58.38	0.040	67.20 ^b	64.96	0.079	66.33 ^a	63.86	0.025
Ohio	66.50	67.19	0.342	64.37 ^b	62.26	0.079	63.59 ^a	60.88	0.029	67.20 ^b	68.76	0.088	66.71	67.68	0.225
Oklahoma	67.89	68.13	0.803	61.00	60.46	0.772	65.93 ^a	61.79	0.018	69.11	70.18	0.369	68.64	68.97	0.757
Oregon	70.91 ^a	72.80	0.035	67.04	65.54	0.349	64.17 ^a	68.43	0.015	72.32 ^b	74.18	0.085	71.26 ^a	73.45	0.025
Pennsylvania	69.83	69.87	0.955	67.74 ^a	64.20	0.003	67.40	65.99	0.270	70.42	71.05	0.473	70.02	70.39	0.638
Rhode Island	73.68	74.22	0.537	68.47	65.80	0.105	68.66	69.08	0.809	75.12	75.98	0.423	74.13	74.95	0.393
South Carolina	69.46	69.32	0.892	64.24	65.16	0.572	64.61	62.97	0.325	70.79	70.74	0.967	69.96	69.72	0.822
South Dakota	66.33	66.57	0.807	61.82	64.12	0.190	61.46	61.22	0.899	67.71	67.76	0.968	66.80	66.83	0.985
Tennessee	68.93	68.01	0.326	64.36	62.87	0.345	63.99	62.69	0.437	70.24	69.42	0.487	69.39	68.52	0.399
Texas	72.85	72.18	0.235	68.07	67.23	0.421	67.36	66.79	0.586	74.51	73.82	0.330	73.42	72.77	0.300
Utah	74.93	74.10	0.337	74.79 ^a	71.25	0.040	68.10	69.03	0.611	76.48	75.72	0.481	74.94	74.50	0.642
Vermont	71.36	72.00	0.511	68.10	66.03	0.222	65.33	66.63	0.474	72.72	73.50	0.514	71.63	72.49	0.415
Virginia	72.64 ^b	74.12	0.061	69.65	69.50	0.914	68.82	68.60	0.879	73.59 ^b	75.50	0.051	72.93 ^b	74.56	0.059
Washington	70.82	70.77	0.957	65.64	65.00	0.699	65.05	64.72	0.847	72.27	72.28	0.991	71.31	71.31	0.999
West Virginia	65.07	64.82	0.822	65.37	64.35	0.527	59.93	60.26	0.862	65.78	65.52	0.842	65.04	64.86	0.881
Wisconsin	67.56	66.87	0.496	64.76	64.14	0.694	63.06	62.08	0.570	68.62	67.95	0.591	67.83	67.13	0.525
Wyoming	67.68	66.97	0.460	62.36	61.19	0.494	61.79 ^b	58.61	0.069	69.24	68.93	0.792	68.22	67.55	0.528

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 20 Illicit Drug Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Total U.S.	2.76 ^b	2.86	0.088	3.07 ^b	2.85	0.068	7.17	7.48	0.113	2.00 ^b	2.13	0.068	2.72 ^a	2.87	0.040
Northeast	2.79	2.87	0.389	2.84	2.66	0.306	7.67	7.83	0.650	2.00	2.12	0.287	2.78	2.89	0.301
Midwest	2.62 ^a	2.84	0.011	2.86	2.85	0.937	6.62 ^a	7.45	0.003	1.93	2.09	0.108	2.60 ^a	2.84	0.008
South	2.62	2.70	0.355	2.88	2.72	0.276	6.99	6.98	0.960	1.89	2.01	0.151	2.60	2.69	0.250
West	3.07	3.15	0.484	3.73 ^a	3.21	0.026	7.58	8.02	0.233	2.24	2.35	0.401	3.00	3.14	0.260
Alabama	2.86	3.14	0.246	2.73	2.73	0.999	7.25	8.20	0.245	2.16	2.38	0.431	2.87	3.18	0.237
Alaska	3.69	3.44	0.416	4.55 ^b	3.49	0.087	7.88	7.95	0.937	2.88	2.71	0.633	3.60	3.44	0.628
Arizona	2.79	2.76	0.910	3.52	2.69	0.104	7.07	7.15	0.932	1.98	2.04	0.816	2.71	2.76	0.835
Arkansas	2.80	3.06	0.271	3.12	3.09	0.952	6.01 ^a	7.61	0.047	2.23	2.32	0.752	2.76	3.06	0.261
California	2.97	2.96	0.938	3.73 ^b	3.10	0.055	7.27	7.45	0.751	2.15	2.20	0.796	2.89	2.94	0.781
Colorado	3.43 ^a	4.71	0.000	3.88	4.00	0.839	9.66 ^a	12.63	0.010	2.37 ^a	3.54	0.003	3.39 ^a	4.78	0.000
Connecticut	3.47	3.21	0.325	3.48	2.83	0.135	10.16	9.66	0.631	2.38	2.21	0.571	3.47	3.25	0.435
Delaware	3.35	3.38	0.914	3.46	3.32	0.778	8.38	8.42	0.968	2.58	2.65	0.830	3.33	3.38	0.877
District of Columbia	3.93 ^a	4.83	0.018	3.68	4.22	0.379	8.36	9.83	0.154	3.08 ^a	3.95	0.049	3.94 ^a	4.86	0.022
Florida	2.71	2.89	0.281	3.62	3.40	0.535	7.19	7.59	0.470	2.01	2.21	0.290	2.63	2.85	0.227
Georgia	2.39 ^a	2.77	0.034	2.43	2.47	0.909	6.06 ^b	7.37	0.059	1.77	2.04	0.190	2.39 ^a	2.80	0.033
Hawaii	2.31	2.49	0.490	2.89	2.89	0.991	6.57	6.60	0.966	1.67	1.91	0.436	2.26	2.46	0.483
Idaho	2.63	2.45	0.453	3.10	2.82	0.563	5.94	5.33	0.429	2.01	1.92	0.742	2.57	2.41	0.517
Illinois	2.59	2.83	0.165	2.94	2.84	0.788	6.81 ^b	8.00	0.065	1.87	2.01	0.457	2.56	2.83	0.140
Indiana	2.48 ^a	2.96	0.041	2.52	2.67	0.711	6.22 ^b	7.72	0.062	1.82	2.18	0.169	2.47 ^a	3.00	0.040
Iowa	2.35	2.68	0.156	2.76	2.69	0.877	6.27	6.76	0.521	1.60	1.95	0.162	2.31	2.68	0.135
Kansas	2.31	2.35	0.840	2.43	2.38	0.907	5.67	5.97	0.671	1.69	1.70	0.956	2.29	2.34	0.817
Kentucky	2.82	3.01	0.435	2.92	3.10	0.693	7.38	6.80	0.479	2.07	2.39	0.225	2.81	3.00	0.467
Louisiana	2.67	2.85	0.441	2.42	2.45	0.934	6.63	6.80	0.825	2.05	2.27	0.412	2.70	2.89	0.441
Maine	3.03 ^b	3.51	0.097	3.55	3.48	0.897	8.00 ^b	9.83	0.062	2.32	2.70	0.247	2.99 ^b	3.52	0.088
Maryland	2.79	2.63	0.495	2.73	2.58	0.731	8.01	7.74	0.768	1.99	1.87	0.614	2.79	2.63	0.520
Massachusetts	3.22	3.43	0.437	3.13	2.92	0.625	8.33	8.65	0.750	2.34	2.59	0.418	3.22	3.47	0.393
Michigan	2.96	2.84	0.505	2.91	2.79	0.728	7.16	7.58	0.486	2.26	2.07	0.351	2.97	2.85	0.533
Minnesota	2.36 ^b	2.75	0.076	3.10	3.15	0.922	5.99	6.99	0.218	1.69	2.05	0.156	2.28 ^b	2.71	0.069
Mississippi	2.73	2.70	0.916	2.88	2.53	0.394	6.54	6.12	0.600	2.05	2.14	0.727	2.71	2.72	0.968
Missouri	2.54	2.60	0.779	2.66	2.70	0.920	6.20	6.63	0.585	1.93	1.95	0.941	2.53	2.59	0.786
Montana	3.11	3.26	0.555	3.93	3.56	0.500	8.10	8.58	0.605	2.22	2.40	0.555	3.03	3.24	0.465

See notes at end of table.

(continued)

Table 20 Illicit Drug Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	2.54	2.63	0.697	2.71	2.51	0.583	6.95	7.28	0.696	1.73	1.82	0.700	2.52	2.64	0.622
Nevada	3.48	4.00	0.112	4.17	3.92	0.694	9.48	10.93	0.208	2.53	3.03	0.166	3.41 ^b	4.01	0.087
New Hampshire	3.15	3.00	0.576	3.44	3.28	0.752	9.57 ^b	7.88	0.099	2.13	2.23	0.757	3.13	2.97	0.598
New Jersey	2.28	2.53	0.170	2.46	2.53	0.823	6.80	6.89	0.913	1.58	1.89	0.131	2.26	2.53	0.175
New Mexico	3.17	3.02	0.599	4.11	3.70	0.494	8.41	7.79	0.528	2.18	2.17	0.956	3.07	2.95	0.694
New York	2.73	2.78	0.781	2.87	2.50	0.203	7.67	7.95	0.627	1.92	1.99	0.682	2.72	2.81	0.637
North Carolina	2.72	2.88	0.468	2.99	2.86	0.754	7.49	7.54	0.943	1.94	2.15	0.380	2.69	2.88	0.418
North Dakota	2.52	2.76	0.296	2.93	2.72	0.625	5.65	6.92	0.114	1.82	1.94	0.663	2.48	2.77	0.256
Ohio	2.97	3.26	0.131	3.10	3.21	0.767	7.51	8.27	0.222	2.23	2.48	0.265	2.96	3.26	0.135
Oklahoma	2.77	2.94	0.519	3.09	2.98	0.809	6.94	7.67	0.373	2.01	2.13	0.695	2.74	2.93	0.483
Oregon	3.32	3.40	0.773	3.96	3.42	0.328	7.85	9.03	0.211	2.58	2.58	0.990	3.27	3.40	0.645
Pennsylvania	2.63	2.69	0.730	2.47	2.57	0.722	6.64	6.80	0.782	2.03	2.08	0.810	2.65	2.70	0.767
Rhode Island	3.46	3.10	0.149	3.88 ^b	2.99	0.093	8.45	8.56	0.905	2.52	2.14	0.173	3.43	3.11	0.233
South Carolina	2.75	2.72	0.876	3.13	2.82	0.465	7.65	7.16	0.570	1.95	2.03	0.730	2.71	2.71	0.976
South Dakota	3.08	3.03	0.830	3.63	3.11	0.312	6.94	7.95	0.225	2.36	2.19	0.559	3.02	3.02	0.985
Tennessee	2.70	2.78	0.734	3.10	2.96	0.734	7.34	6.82	0.494	1.92	2.13	0.416	2.66	2.76	0.681
Texas	2.28	2.17	0.396	2.56	2.24	0.254	6.56	5.79	0.108	1.48	1.51	0.818	2.25	2.16	0.525
Utah	2.95 ^b	2.49	0.052	2.72	2.29	0.328	6.93	5.70	0.116	2.10	1.81	0.261	2.99 ^b	2.52	0.071
Vermont	3.76	4.06	0.388	3.99	4.38	0.543	11.17	10.54	0.646	2.45	2.91	0.206	3.74	4.03	0.427
Virginia	2.74	2.54	0.311	2.57	2.53	0.916	7.38	6.88	0.505	2.01	1.86	0.467	2.75	2.54	0.315
Washington	3.50	3.46	0.890	4.16	3.83	0.573	7.99	9.14	0.238	2.74	2.58	0.622	3.44	3.43	0.971
West Virginia	2.73	2.88	0.495	3.36	3.18	0.730	7.17	7.37	0.799	2.02	2.21	0.445	2.67	2.85	0.438
Wisconsin	2.17 ^a	2.63	0.029	2.76	2.75	0.984	5.69	6.64	0.178	1.52 ^b	1.96	0.062	2.11 ^a	2.61	0.022
Wyoming	2.53	2.42	0.577	3.47	2.97	0.366	5.82	6.35	0.486	1.90	1.75	0.481	2.44	2.36	0.722

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Illicit Drug Use Disorder is defined as meeting criteria for illicit drug dependence or abuse. Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*.

NOTE: Illicit Drug Use includes the misuse of prescription psychotherapeutics or the use of marijuana, cocaine (including crack), heroin, hallucinogens, inhalants, or methamphetamine. Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 21 Pain Reliever Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Total U.S.	0.63	0.62	0.633	0.50 ^b	0.41	0.072	0.91	0.86	0.342	0.60	0.60	0.983	0.65	0.64	0.830
Northeast	0.63	0.59	0.474	0.42	0.38	0.517	0.86	0.81	0.534	0.61	0.58	0.598	0.64	0.61	0.508
Midwest	0.67	0.65	0.710	0.50	0.42	0.196	1.00	0.91	0.276	0.64	0.64	0.954	0.69	0.68	0.834
South	0.65	0.63	0.633	0.51 ^a	0.38	0.024	1.00	0.92	0.292	0.61	0.61	0.944	0.66	0.65	0.850
West	0.59	0.59	0.899	0.55	0.46	0.211	0.76	0.76	0.973	0.56	0.58	0.752	0.59	0.60	0.760
Alabama	0.77	0.77	0.972	0.52	0.44	0.456	1.33	1.12	0.232	0.71	0.75	0.829	0.80	0.80	0.987
Alaska	0.67	0.58	0.390	0.60	0.48	0.377	0.79	0.76	0.879	0.66	0.56	0.482	0.68	0.59	0.451
Arizona	0.63	0.64	0.927	0.52	0.44	0.517	0.93	0.87	0.800	0.59	0.62	0.817	0.64	0.66	0.874
Arkansas	0.79	0.71	0.520	0.53	0.41	0.284	1.08	1.08	0.969	0.78	0.69	0.574	0.82	0.74	0.579
California	0.51	0.52	0.840	0.57	0.47	0.336	0.56	0.61	0.643	0.49	0.51	0.808	0.50	0.53	0.740
Colorado	0.67	0.68	0.939	0.49	0.38	0.370	1.19	1.14	0.834	0.60	0.64	0.805	0.68	0.71	0.866
Connecticut	0.62	0.58	0.699	0.48	0.37	0.308	0.95	0.88	0.666	0.58	0.56	0.850	0.63	0.60	0.772
Delaware	0.73	0.72	0.969	0.49	0.41	0.474	0.91	0.88	0.865	0.73	0.74	0.956	0.75	0.75	0.983
District of Columbia	0.55	0.73	0.171	0.45	0.47	0.805	0.66	0.62	0.746	0.53	0.77	0.159	0.56	0.75	0.177
Florida	0.63 ^b	0.80	0.095	0.54	0.43	0.285	0.97	0.94	0.851	0.59 ^b	0.81	0.072	0.63 ^b	0.83	0.079
Georgia	0.62	0.55	0.447	0.48	0.33	0.126	0.87	0.93	0.742	0.60	0.52	0.498	0.64	0.58	0.546
Hawaii	0.47	0.49	0.841	0.54	0.52	0.875	0.58	0.52	0.692	0.44	0.48	0.776	0.46	0.48	0.829
Idaho	0.76	0.81	0.716	0.58	0.50	0.622	1.07	0.96	0.591	0.74	0.83	0.592	0.79	0.85	0.673
Illinois	0.58	0.47	0.198	0.55	0.39	0.170	0.81	0.74	0.650	0.54	0.44	0.303	0.58	0.48	0.257
Indiana	0.74	0.73	0.877	0.49	0.42	0.519	1.23	1.07	0.418	0.69	0.71	0.929	0.77	0.76	0.923
Iowa	0.68	0.69	0.945	0.46	0.44	0.871	0.97	0.94	0.881	0.65	0.67	0.902	0.70	0.71	0.932
Kansas	0.65	0.64	0.856	0.46	0.41	0.605	0.92	0.96	0.816	0.63	0.61	0.849	0.67	0.66	0.900
Kentucky	0.82	0.87	0.739	0.45	0.49	0.710	1.36	1.12	0.268	0.78	0.87	0.596	0.86	0.90	0.764
Louisiana	0.70	0.62	0.442	0.44	0.34	0.268	1.15	1.01	0.457	0.65	0.59	0.634	0.72	0.65	0.497
Maine	0.78	0.82	0.756	0.46	0.43	0.727	1.39	1.31	0.727	0.73	0.79	0.692	0.80	0.85	0.741
Maryland	0.59	0.54	0.576	0.47	0.38	0.384	0.78	0.71	0.647	0.58	0.53	0.705	0.60	0.56	0.640
Massachusetts	0.68	0.71	0.779	0.44	0.43	0.922	0.80	0.80	0.983	0.68	0.72	0.777	0.70	0.73	0.775
Michigan	0.74	0.63	0.200	0.49	0.42	0.481	0.98	0.83	0.301	0.73	0.62	0.317	0.77	0.65	0.221
Minnesota	0.59	0.52	0.478	0.44	0.39	0.622	0.81	0.77	0.849	0.57	0.50	0.531	0.61	0.54	0.506
Mississippi	0.75	0.66	0.462	0.50	0.34	0.119	1.23	1.08	0.475	0.70	0.63	0.670	0.78	0.70	0.546
Missouri	0.69	0.70	0.872	0.50	0.39	0.353	1.04	0.96	0.674	0.65	0.70	0.726	0.70	0.74	0.802
Montana	0.72	0.73	0.943	0.49	0.42	0.461	1.19	1.14	0.799	0.66	0.69	0.848	0.74	0.75	0.900

See notes at end of table.

(continued)

Table 21 Pain Reliever Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	0.65	0.61	0.723	0.47	0.38	0.413	0.95	1.00	0.797	0.62	0.58	0.747	0.67	0.64	0.795
Nevada	0.69	0.73	0.779	0.61	0.50	0.454	0.93	0.91	0.928	0.67	0.73	0.701	0.70	0.75	0.719
New Hampshire	0.69	0.68	0.933	0.48	0.42	0.623	1.24	1.04	0.408	0.63	0.66	0.878	0.71	0.71	0.960
New Jersey	0.60	0.56	0.634	0.43	0.40	0.726	0.82	0.68	0.401	0.59	0.56	0.774	0.62	0.57	0.656
New Mexico	0.52	0.54	0.904	0.59	0.44	0.282	0.93	0.85	0.706	0.45	0.50	0.694	0.52	0.55	0.789
New York	0.56	0.52	0.580	0.39	0.37	0.792	0.72	0.70	0.853	0.55	0.51	0.622	0.58	0.53	0.593
North Carolina	0.65	0.59	0.484	0.46	0.39	0.525	0.88	0.88	0.991	0.64	0.56	0.521	0.67	0.61	0.522
North Dakota	0.66	0.61	0.627	0.46	0.38	0.429	1.05	1.00	0.840	0.60	0.56	0.747	0.68	0.64	0.681
Ohio	0.73	0.90	0.154	0.51	0.46	0.580	1.20	1.07	0.396	0.68	0.92	0.103	0.75	0.94	0.143
Oklahoma	0.69	0.70	0.907	0.52	0.43	0.432	0.88	0.93	0.796	0.67	0.69	0.889	0.70	0.73	0.842
Oregon	0.69	0.75	0.670	0.51	0.50	0.961	0.87	0.90	0.897	0.69	0.75	0.681	0.71	0.77	0.669
Pennsylvania	0.68	0.61	0.413	0.40	0.35	0.550	1.02	0.97	0.807	0.66	0.59	0.477	0.71	0.64	0.438
Rhode Island	0.61	0.60	0.875	0.43	0.40	0.771	0.84	0.85	0.970	0.59	0.57	0.891	0.63	0.61	0.894
South Carolina	0.73	0.65	0.438	0.49	0.35	0.177	1.30	1.11	0.325	0.67	0.61	0.660	0.75	0.67	0.506
South Dakota	0.69	0.73	0.733	0.51	0.51	0.941	0.93	0.96	0.865	0.68	0.72	0.753	0.71	0.75	0.725
Tennessee	0.76	0.74	0.923	0.49	0.40	0.380	1.34	1.15	0.348	0.69	0.72	0.873	0.78	0.78	0.975
Texas	0.55	0.43	0.111	0.58 ^a	0.34	0.045	0.91	0.76	0.336	0.48	0.38	0.291	0.54	0.44	0.187
Utah	0.79	0.64	0.166	0.51	0.39	0.365	1.25	1.00	0.239	0.74	0.61	0.367	0.83	0.68	0.207
Vermont	0.76	0.85	0.509	0.42	0.48	0.648	1.26	1.02	0.343	0.70	0.86	0.385	0.79	0.88	0.533
Virginia	0.62	0.61	0.911	0.47	0.37	0.291	0.81	0.84	0.864	0.60	0.60	0.963	0.63	0.63	0.990
Washington	0.69	0.66	0.811	0.54	0.47	0.547	0.82	0.82	0.996	0.68	0.66	0.854	0.70	0.68	0.850
West Virginia	0.79	0.75	0.748	0.44	0.45	0.945	1.36	1.11	0.263	0.75	0.73	0.928	0.83	0.78	0.746
Wisconsin	0.62	0.61	0.892	0.45	0.42	0.771	0.98	0.90	0.678	0.59	0.58	0.992	0.64	0.63	0.913
Wyoming	0.67	0.65	0.810	0.53	0.39	0.254	1.02	1.08	0.786	0.64	0.61	0.862	0.69	0.68	0.910

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Pain Reliever Use Disorder is defined as meeting criteria for pain reliever dependence or abuse. Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

NOTE: Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 22 Alcohol Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Total U.S.	5.46	5.37	0.338	1.87 ^b	1.69	0.064	10.35	10.05	0.175	5.09	5.05	0.769	5.82	5.74	0.419
Northeast	5.61	5.50	0.502	1.82	1.66	0.241	10.98	10.76	0.569	5.17	5.08	0.690	5.97	5.85	0.535
Midwest	5.82 ^a	5.56	0.044	1.99 ^a	1.76	0.049	11.47	10.99	0.158	5.35	5.13	0.169	6.22 ^b	5.95	0.060
South	4.99	4.81	0.135	1.67	1.50	0.116	9.28 ^a	8.73	0.049	4.69	4.58	0.435	5.33	5.15	0.167
West	5.77	6.01	0.171	2.11	1.97	0.373	10.54	10.76	0.570	5.42	5.72	0.163	6.15	6.42	0.152
Alabama	4.51	4.69	0.623	1.54	1.58	0.888	7.93	7.91	0.982	4.30	4.53	0.608	4.81	5.00	0.635
Alaska	6.57	6.88	0.503	2.21	2.07	0.658	11.26	12.73	0.133	6.35	6.56	0.726	7.06	7.41	0.495
Arizona	5.49	5.34	0.658	1.85	1.83	0.953	11.31	9.87	0.121	4.97	5.02	0.918	5.88	5.70	0.653
Arkansas	5.38	5.31	0.845	2.12	2.04	0.804	9.32	9.27	0.953	5.14	5.06	0.879	5.73	5.65	0.855
California	5.51	5.89	0.140	2.01	1.85	0.486	9.90	10.28	0.520	5.18	5.65	0.146	5.87	6.30	0.128
Colorado	6.30 ^a	8.34	0.000	2.07	2.27	0.584	12.23 ^a	15.10	0.017	5.83 ^a	7.97	0.001	6.73 ^a	8.94	0.000
Connecticut	6.10	5.99	0.794	2.68 ^a	1.93	0.032	11.18	12.13	0.377	5.68	5.46	0.690	6.44	6.39	0.904
Delaware	6.15	6.19	0.924	1.79	1.56	0.362	10.09	10.38	0.750	6.03	6.07	0.935	6.56	6.62	0.897
District of Columbia	9.08	10.10	0.123	1.97	1.89	0.802	13.62	13.67	0.968	8.67	9.99	0.107	9.48	10.57	0.122
Florida	5.29 ^a	4.52	0.005	2.03 ^a	1.55	0.020	9.95 ^a	8.28	0.004	4.97 ^a	4.31	0.042	5.57 ^a	4.78	0.007
Georgia	4.42	4.50	0.781	1.27	1.33	0.769	7.83	8.03	0.789	4.26	4.33	0.850	4.78	4.86	0.807
Hawaii	5.23	5.27	0.924	2.15	2.19	0.914	11.26	11.60	0.749	4.72	4.74	0.965	5.51	5.55	0.932
Idaho	5.90	5.46	0.221	2.31 ^b	1.75	0.066	10.39	9.92	0.614	5.65	5.24	0.347	6.33	5.91	0.290
Illinois	6.25	6.01	0.460	2.39 ^b	1.95	0.079	12.16	11.40	0.279	5.76	5.64	0.772	6.65	6.43	0.530
Indiana	5.24	4.79	0.181	1.58	1.43	0.535	10.69	10.11	0.531	4.75	4.30	0.275	5.63	5.15	0.193
Iowa	7.08	6.71	0.379	2.25	2.15	0.762	14.25	14.25	0.998	6.39	5.93	0.379	7.58	7.18	0.392
Kansas	5.52	5.14	0.290	2.39	1.91	0.143	11.27	10.23	0.289	4.91	4.66	0.570	5.87	5.50	0.353
Kentucky	4.94	4.65	0.417	1.61	1.61	0.988	8.95	8.10	0.355	4.68	4.46	0.599	5.28	4.96	0.416
Louisiana	6.16	6.42	0.568	2.26	1.86	0.228	10.03	10.60	0.521	6.00	6.30	0.602	6.57	6.90	0.519
Maine	5.62	6.14	0.260	2.26	2.37	0.758	10.50	11.64	0.268	5.29	5.78	0.369	5.91	6.45	0.270
Maryland	5.37	4.76	0.114	1.44	1.29	0.504	10.46 ^b	8.53	0.051	5.04	4.59	0.328	5.76	5.10	0.121
Massachusetts	7.12	6.69	0.390	2.18	1.99	0.575	14.10	13.83	0.828	6.44	5.96	0.436	7.56	7.10	0.398
Michigan	5.49	5.31	0.523	1.81	1.57	0.260	9.64	9.60	0.952	5.22	5.03	0.582	5.86	5.68	0.560
Minnesota	5.06	5.20	0.706	1.70	1.55	0.554	10.94	10.80	0.898	4.53	4.76	0.599	5.41	5.57	0.679
Mississippi	4.42	4.37	0.883	1.25	1.21	0.872	7.91	7.36	0.509	4.23	4.26	0.937	4.77	4.71	0.887
Missouri	5.33	5.02	0.395	1.86	1.65	0.447	9.49	8.59	0.308	5.06	4.84	0.628	5.68	5.36	0.421
Montana	7.65	7.47	0.735	3.72	3.14	0.217	13.85	14.06	0.873	7.08	6.91	0.777	8.01	7.87	0.809

See notes at end of table.

(continued)

Table 22 Alcohol Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	5.80	5.82	0.949	2.17	1.86	0.337	12.54	12.35	0.858	5.06	5.18	0.801	6.19	6.25	0.880
Nevada	5.66	5.50	0.670	2.33	1.80	0.102	11.75	10.28	0.141	5.16	5.25	0.843	6.00	5.88	0.764
New Hampshire	6.13	6.67	0.212	1.98	2.00	0.944	12.94	14.62	0.170	5.52	5.94	0.412	6.51	7.08	0.220
New Jersey	4.71	4.75	0.916	1.54	1.50	0.867	11.11	9.86	0.174	4.13	4.37	0.523	5.03	5.07	0.914
New Mexico	6.01 ^a	5.21	0.050	2.22	1.83	0.243	10.87	9.68	0.230	5.68	4.90	0.121	6.42 ^b	5.56	0.060
New York	5.67	5.31	0.235	1.79	1.46	0.126	9.80	8.97	0.202	5.41	5.13	0.451	6.02	5.65	0.261
North Carolina	4.38	4.78	0.248	1.31	1.53	0.332	7.34	8.28	0.224	4.28	4.61	0.432	4.69	5.10	0.277
North Dakota	6.55	6.54	0.967	2.07	2.30	0.496	12.49	13.07	0.594	5.83	5.71	0.819	6.97	6.94	0.947
Ohio	5.60	5.15	0.114	1.71	1.66	0.832	11.41	10.44	0.176	5.13	4.73	0.238	5.99	5.50	0.115
Oklahoma	5.90	5.94	0.911	1.97	1.71	0.332	9.93	10.83	0.373	5.71	5.65	0.904	6.33	6.40	0.858
Oregon	7.46	7.29	0.730	2.94	2.42	0.197	12.49	12.75	0.819	7.18	6.99	0.758	7.87	7.73	0.792
Pennsylvania	4.97	5.14	0.534	1.50	1.63	0.594	10.32	11.13	0.262	4.52	4.60	0.795	5.29	5.46	0.565
Rhode Island	6.74	6.63	0.834	2.25	1.92	0.265	12.48	12.01	0.661	6.17	6.17	1.000	7.13	7.05	0.870
South Carolina	5.43	5.57	0.716	1.57	1.58	0.977	11.44	11.49	0.959	4.93	5.12	0.701	5.80	5.96	0.722
South Dakota	7.51	6.79	0.139	3.47 ^a	2.60	0.027	13.57	13.87	0.794	6.99	6.13	0.157	7.94	7.24	0.193
Tennessee	4.82	4.57	0.477	1.66	1.74	0.802	9.42	8.16	0.155	4.46	4.34	0.779	5.14	4.86	0.461
Texas	4.58	4.43	0.501	1.60	1.31	0.180	9.06	8.30	0.214	4.20	4.18	0.946	4.94	4.80	0.585
Utah	4.89 ^b	4.38	0.092	1.75	1.51	0.413	8.92	8.09	0.342	4.52	4.05	0.192	5.33	4.79	0.109
Vermont	7.26	7.42	0.749	2.53	2.91	0.422	16.03	14.34	0.187	6.20	6.67	0.452	7.65	7.80	0.799
Virginia	5.49	5.17	0.331	1.90	1.63	0.259	10.77	10.15	0.454	5.05	4.78	0.520	5.84	5.52	0.367
Washington	6.09	5.89	0.640	2.29	2.49	0.614	10.55	11.13	0.563	5.82	5.48	0.517	6.45	6.21	0.611
West Virginia	4.44	4.29	0.645	1.67	1.57	0.732	9.28	8.41	0.356	4.02	3.98	0.910	4.69	4.53	0.660
Wisconsin	6.96	6.84	0.792	2.27	2.11	0.636	14.44	14.58	0.898	6.28	6.13	0.797	7.43	7.31	0.809
Wyoming	6.34 ^b	5.61	0.091	2.68	2.67	0.987	11.90	11.14	0.453	5.88	5.10	0.136	6.71 ^b	5.91	0.093

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Alcohol Use Disorder is defined as meeting criteria for alcohol dependence or abuse. Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 23 Substance Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Total U.S.	7.35	7.32	0.761	4.13 ^a	3.83	0.030	14.97	14.92	0.829	6.49	6.51	0.857	7.68	7.67	0.948
Northeast	7.63	7.50	0.489	3.84	3.59	0.234	16.35	16.09	0.596	6.64	6.57	0.738	7.98	7.86	0.545
Midwest	7.63	7.47	0.294	4.09	3.85	0.247	15.33	15.34	0.973	6.78	6.61	0.375	8.00	7.83	0.345
South	6.77	6.71	0.624	3.82	3.64	0.315	13.97	13.55	0.245	5.97	5.99	0.896	7.08	7.02	0.703
West	7.82	8.04	0.263	4.85 ^a	4.27	0.044	15.20	15.81	0.207	6.95	7.22	0.245	8.12	8.42	0.162
Alabama	6.59	7.11	0.217	3.96	3.63	0.546	12.09	12.97	0.383	6.01	6.58	0.282	6.86	7.46	0.193
Alaska	8.98	9.22	0.637	6.54 ^a	4.37	0.014	16.53	17.91	0.260	8.04	8.44	0.514	9.26	9.76	0.357
Arizona	7.45	7.05	0.372	4.77	4.08	0.276	15.98	14.33	0.161	6.36	6.22	0.796	7.73	7.36	0.445
Arkansas	7.37	7.65	0.532	4.10	4.11	0.983	13.55	14.33	0.454	6.76	6.99	0.671	7.72	8.02	0.534
California	7.48	7.74	0.370	4.63	4.04	0.125	14.20	14.99	0.275	6.69	6.98	0.403	7.78	8.12	0.281
Colorado	8.76 ^a	11.28	0.000	5.60	5.12	0.529	19.39 ^a	23.18	0.012	7.39 ^a	10.11	0.000	9.07 ^a	11.90	0.000
Connecticut	8.40	8.38	0.970	4.64	3.86	0.136	18.34	19.82	0.294	7.22	7.05	0.784	8.77	8.82	0.933
Delaware	8.53	8.37	0.738	4.32	4.15	0.764	16.08	16.02	0.958	7.86	7.71	0.794	8.93	8.76	0.753
District of Columbia	11.21 ^a	12.60	0.032	5.14	5.42	0.703	19.23	18.80	0.762	10.05 ^a	11.94	0.016	11.55 ^a	13.01	0.034
Florida	6.95	6.49	0.125	4.54	4.34	0.616	14.56	13.66	0.241	6.14	5.74	0.252	7.16	6.68	0.135
Georgia	6.00	6.41	0.245	3.18	3.20	0.974	11.59	12.84	0.169	5.43	5.77	0.439	6.32	6.77	0.244
Hawaii	6.77	6.88	0.827	3.93	4.04	0.844	15.37	15.46	0.945	5.88	6.02	0.806	7.03	7.13	0.842
Idaho	7.79	7.35	0.340	4.65	3.97	0.254	13.18	12.86	0.781	7.34	6.91	0.455	8.18	7.76	0.419
Illinois	7.98	7.78	0.585	4.67	4.04	0.240	16.03	16.08	0.956	7.07	6.90	0.701	8.32	8.16	0.689
Indiana	7.14	7.00	0.713	3.29	3.37	0.859	14.61	14.96	0.760	6.33	6.08	0.604	7.56	7.39	0.691
Iowa	8.73	8.67	0.909	4.18	4.21	0.957	17.23	17.76	0.672	7.76	7.61	0.789	9.20	9.13	0.904
Kansas	6.92	6.91	0.976	4.09	3.63	0.347	14.05	13.75	0.793	6.02	6.13	0.831	7.24	7.27	0.937
Kentucky	7.12	7.12	0.997	3.62	3.77	0.750	13.72	12.56	0.326	6.46	6.64	0.738	7.47	7.46	0.973
Louisiana	8.02	8.21	0.683	3.89	3.58	0.507	14.25	14.81	0.569	7.50	7.71	0.715	8.46	8.69	0.642
Maine	8.08	8.91	0.148	4.75	4.59	0.797	16.02 ^a	18.79	0.026	7.33	8.04	0.305	8.36	9.27	0.141
Maryland	7.49 ^a	6.57	0.030	3.45	3.26	0.642	16.84 ^b	14.37	0.057	6.52	5.77	0.145	7.89 ^a	6.89	0.033
Massachusetts	9.64	8.90	0.161	4.26	3.92	0.496	19.92	18.81	0.428	8.44	7.73	0.267	10.13	9.34	0.171
Michigan	7.56	7.13	0.178	3.87	3.64	0.544	14.47	14.53	0.949	6.84	6.31	0.186	7.93	7.47	0.192
Minnesota	6.72	6.93	0.625	4.27	3.86	0.475	14.88	14.30	0.630	5.72	6.14	0.413	6.97	7.24	0.558
Mississippi	6.44	6.43	0.975	3.49	3.30	0.657	12.82	11.69	0.307	5.72	5.94	0.668	6.77	6.77	0.991
Missouri	7.29	7.21	0.855	3.72	3.69	0.943	13.08	12.95	0.916	6.77	6.71	0.904	7.66	7.57	0.855
Montana	8.98	9.05	0.896	6.30	5.18	0.106	17.91	17.83	0.950	7.84	8.09	0.701	9.23	9.41	0.749

See notes at end of table.

(continued)

Table 23 Substance Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	7.69	7.58	0.814	4.05	3.69	0.463	16.10	16.43	0.780	6.66	6.53	0.809	8.08	8.01	0.878
Nevada	8.04	8.64	0.206	5.20	5.09	0.877	18.76	18.39	0.785	6.81	7.67	0.141	8.32	9.00	0.197
New Hampshire	8.32	8.71	0.386	4.25	4.41	0.765	19.33	19.30	0.984	7.04	7.54	0.350	8.69	9.09	0.406
New Jersey	6.23	6.69	0.188	3.34	3.42	0.860	15.80	15.01	0.510	5.14 ^b	5.84	0.092	6.52	7.01	0.194
New Mexico	8.01 ^b	7.27	0.076	6.01	4.80	0.106	16.81	15.49	0.248	6.80	6.24	0.265	8.22	7.53	0.126
New York	7.71	7.23	0.138	4.04 ^b	3.41	0.085	15.18	14.50	0.412	6.88	6.47	0.296	8.04	7.57	0.178
North Carolina	6.27	6.64	0.327	3.63	3.57	0.888	12.25	13.21	0.303	5.64	5.97	0.471	6.54	6.95	0.320
North Dakota	8.24	8.41	0.693	4.39	4.38	0.999	15.13	16.80	0.173	7.25	7.20	0.921	8.60	8.79	0.678
Ohio	7.67	7.30	0.276	3.99	3.97	0.960	15.97	15.33	0.436	6.79	6.43	0.393	8.05	7.64	0.268
Oklahoma	7.44	8.11	0.150	4.36	4.19	0.758	13.93	15.43	0.193	6.72	7.38	0.256	7.78	8.54	0.134
Oregon	9.39	9.50	0.837	5.30	4.65	0.307	17.17	18.38	0.353	8.65	8.70	0.942	9.76	9.94	0.762
Pennsylvania	6.88	6.97	0.760	3.19	3.42	0.514	15.19	15.63	0.615	5.99	6.03	0.902	7.22	7.30	0.813
Rhode Island	8.44	8.42	0.967	4.69	4.05	0.270	17.28	17.27	0.996	7.24	7.31	0.903	8.77	8.80	0.951
South Carolina	7.53	7.28	0.568	4.09	3.95	0.767	16.69	16.10	0.624	6.49	6.31	0.737	7.86	7.60	0.583
South Dakota	9.18	8.75	0.423	5.59	4.78	0.189	17.38	18.26	0.498	8.23	7.65	0.385	9.56	9.17	0.509
Tennessee	6.66	6.68	0.969	3.86	3.91	0.908	14.12	13.08	0.339	5.81	6.00	0.695	6.94	6.95	0.984
Texas	6.14	6.01	0.605	3.61	3.24	0.306	13.62	12.66	0.197	5.16	5.22	0.841	6.44	6.34	0.710
Utah	6.78 ^b	6.02	0.062	3.84	3.16	0.218	12.42	11.16	0.243	6.03	5.37	0.182	7.19 ^b	6.42	0.088
Vermont	9.64	10.14	0.404	5.47	5.61	0.842	22.65	20.98	0.286	7.79	8.70	0.204	9.99	10.51	0.418
Virginia	7.41	6.99	0.252	3.65	3.56	0.841	16.10	15.01	0.279	6.45	6.11	0.465	7.78	7.32	0.256
Washington	8.56	8.22	0.512	5.18	5.01	0.793	15.44	16.78	0.270	7.88	7.30	0.364	8.89	8.53	0.523
West Virginia	6.30	6.54	0.524	4.42	4.08	0.568	13.99	13.75	0.831	5.37	5.75	0.385	6.47	6.76	0.475
Wisconsin	8.13	8.26	0.765	4.23	4.07	0.767	16.68	17.49	0.507	7.18	7.26	0.890	8.52	8.68	0.747
Wyoming	7.80 ^b	7.00	0.088	5.40	4.63	0.293	14.37	14.11	0.825	7.04	6.19	0.136	8.05	7.25	0.117

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Substance Use Disorder is defined as meeting criteria for illicit drug or alcohol dependence or abuse. Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

NOTE: Illicit Drug Use includes the misuse of prescription psychotherapeutics or the use of marijuana, cocaine (including crack), heroin, hallucinogens, inhalants, or methamphetamine. Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 24 Needing But Not Receiving Treatment at a Specialty Facility for Illicit Drug Use in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Total U.S.	2.45	2.55	0.104	2.92 ^a	2.69	0.048	6.58 ^b	6.92	0.068	1.72 ^b	1.83	0.100	2.40 ^a	2.54	0.044
Northeast	2.48	2.59	0.264	2.65	2.46	0.232	6.73	6.96	0.469	1.78	1.92	0.236	2.46	2.60	0.198
Midwest	2.30 ^a	2.54	0.006	2.56	2.62	0.721	5.91 ^a	6.85	0.001	1.67	1.83	0.102	2.27 ^a	2.53	0.005
South	2.30	2.35	0.511	2.73	2.56	0.242	6.59	6.55	0.860	1.56	1.66	0.232	2.26	2.33	0.369
West	2.80	2.84	0.726	3.72 ^a	3.12	0.007	7.04	7.54	0.182	1.99	2.05	0.646	2.71	2.82	0.390
Alabama	2.48	2.62	0.486	2.49	2.46	0.934	7.08	7.73	0.396	1.73	1.83	0.679	2.47	2.64	0.472
Alaska	3.07	3.01	0.836	4.15	3.22	0.149	7.33	7.68	0.709	2.21	2.23	0.966	2.95	2.99	0.907
Arizona	2.32	2.37	0.830	3.52 ^b	2.69	0.089	6.39	6.63	0.786	1.49	1.63	0.587	2.19	2.34	0.553
Arkansas	2.26	2.57	0.163	2.74	2.68	0.876	5.37 ^a	6.99	0.037	1.69	1.84	0.579	2.21	2.56	0.146
California	2.80	2.74	0.729	3.79 ^a	3.10	0.029	6.73	7.00	0.634	2.02	2.00	0.932	2.70	2.71	0.968
Colorado	3.30 ^a	4.23	0.005	3.98	3.71	0.612	9.34 ^a	12.28	0.010	2.24 ^a	3.01	0.044	3.24 ^a	4.28	0.004
Connecticut	3.11	2.95	0.550	3.25 ^b	2.58	0.094	8.71	8.72	0.984	2.18	2.06	0.701	3.09	2.98	0.705
Delaware	2.82	2.85	0.898	3.24	3.06	0.683	7.32	7.56	0.761	2.10	2.15	0.887	2.78	2.83	0.845
District of Columbia	3.50 ^b	4.17	0.066	3.36	3.71	0.523	7.81	8.71	0.352	2.67	3.36	0.108	3.51 ^b	4.20	0.073
Florida	2.41	2.51	0.546	3.51	3.21	0.363	6.55	7.04	0.344	1.73	1.83	0.611	2.31	2.45	0.447
Georgia	2.18 ^b	2.49	0.080	2.39	2.39	0.993	5.93 ^b	7.16	0.065	1.51	1.73	0.293	2.15 ^b	2.50	0.072
Hawaii	2.01	2.19	0.487	2.96	2.80	0.732	5.86	5.81	0.957	1.39	1.65	0.369	1.93	2.14	0.444
Idaho	2.09	1.99	0.598	2.86	2.58	0.547	5.33	4.89	0.566	1.45	1.42	0.916	2.00	1.91	0.696
Illinois	2.32	2.55	0.207	2.68	2.65	0.948	5.88 ^b	7.10	0.055	1.70	1.82	0.568	2.29	2.54	0.186
Indiana	2.18 ^a	2.65	0.046	2.31	2.47	0.663	5.51 ^a	7.27	0.030	1.58	1.88	0.262	2.17 ^a	2.67	0.045
Iowa	2.21	2.48	0.243	2.42	2.43	0.964	5.84	6.35	0.470	1.54	1.79	0.335	2.19	2.48	0.229
Kansas	1.91	2.11	0.327	2.24	2.25	0.976	5.02	5.44	0.557	1.32	1.50	0.403	1.88	2.10	0.317
Kentucky	2.41	2.38	0.881	2.55	2.66	0.779	6.58	5.96	0.422	1.72	1.77	0.832	2.40	2.35	0.844
Louisiana	2.37	2.48	0.663	2.15	2.13	0.954	6.39	6.42	0.966	1.74	1.88	0.592	2.40	2.51	0.654
Maine	2.70	3.00	0.265	2.90	2.98	0.865	7.35 ^a	9.43	0.037	2.06	2.17	0.720	2.69	3.00	0.263
Maryland	2.44	2.42	0.927	2.56	2.54	0.945	6.98	7.24	0.767	1.74	1.69	0.847	2.43	2.41	0.935
Massachusetts	3.03	3.05	0.930	2.90	2.63	0.476	7.47	7.31	0.858	2.28	2.37	0.778	3.04	3.09	0.868
Michigan	2.49	2.46	0.839	2.59	2.52	0.820	6.21	6.93	0.243	1.86	1.71	0.481	2.48	2.45	0.866
Minnesota	2.12 ^a	2.61	0.034	2.69	2.92	0.613	5.34	6.57	0.115	1.54	1.95	0.124	2.06 ^a	2.58	0.036
Mississippi	2.38	2.27	0.637	2.48	2.28	0.589	6.45	5.79	0.390	1.65	1.67	0.952	2.36	2.27	0.697
Missouri	2.27	2.39	0.578	2.34	2.48	0.728	5.81	6.27	0.539	1.69	1.76	0.762	2.27	2.38	0.611
Montana	2.64	2.89	0.247	3.39	3.27	0.795	7.63	8.34	0.407	1.76	2.00	0.347	2.57	2.86	0.218

See notes at end of table.

(continued)

Table 24 Needing But Not Receiving Treatment at a Specialty Facility for Illicit Drug Use in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	2.29	2.50	0.306	2.57	2.42	0.665	6.51	7.01	0.530	1.50	1.72	0.348	2.26	2.51	0.261
Nevada	3.05	3.44	0.193	4.21	3.53	0.236	9.16	10.82	0.118	2.03	2.39	0.311	2.94	3.43	0.127
New Hampshire	2.66	2.50	0.501	2.92	2.90	0.959	8.51	6.99	0.161	1.73	1.77	0.887	2.64	2.46	0.499
New Jersey	1.85 ^a	2.27	0.033	2.40	2.45	0.859	5.52	6.28	0.299	1.25 ^b	1.66	0.064	1.80 ^a	2.25	0.032
New Mexico	2.81	2.69	0.627	4.25	3.66	0.310	8.11	7.38	0.454	1.76	1.81	0.874	2.66	2.59	0.785
New York	2.52	2.64	0.493	2.80	2.39	0.132	7.02	7.23	0.722	1.76	1.94	0.371	2.50	2.67	0.374
North Carolina	2.32	2.55	0.272	2.83	2.76	0.853	6.78	7.06	0.708	1.56	1.81	0.278	2.27	2.52	0.244
North Dakota	2.08 ^b	2.47	0.087	2.52	2.55	0.953	5.20	6.44	0.107	1.39	1.66	0.274	2.04 ^b	2.46	0.084
Ohio	2.53	2.76	0.177	2.69	2.88	0.569	6.77	7.48	0.224	1.84	2.01	0.391	2.51	2.75	0.200
Oklahoma	2.23	2.44	0.301	3.12	2.86	0.550	6.60	7.00	0.594	1.37	1.61	0.289	2.13	2.39	0.234
Oregon	2.99	3.02	0.918	4.01	3.25	0.156	7.46	8.36	0.329	2.21	2.21	0.985	2.90	3.00	0.719
Pennsylvania	2.23	2.28	0.767	2.14	2.26	0.655	5.47	5.78	0.582	1.74	1.75	0.940	2.24	2.29	0.810
Rhode Island	3.07	2.90	0.488	3.64	2.89	0.108	7.70	7.85	0.866	2.18	2.03	0.613	3.02	2.90	0.649
South Carolina	2.37	2.32	0.784	2.88	2.68	0.600	6.93	6.48	0.570	1.61	1.64	0.885	2.32	2.28	0.850
South Dakota	2.45	2.60	0.459	3.13	2.81	0.485	6.73	7.40	0.376	1.64	1.78	0.558	2.38	2.58	0.354
Tennessee	2.43	2.38	0.811	2.85	2.69	0.688	6.98	6.06	0.223	1.66	1.77	0.664	2.39	2.34	0.860
Texas	2.06	1.97	0.527	2.52	2.20	0.257	6.47 ^b	5.64	0.083	1.20	1.29	0.548	2.00	1.94	0.689
Utah	2.55 ^b	2.20	0.082	2.57	2.24	0.376	6.16	5.20	0.197	1.73	1.52	0.357	2.54	2.19	0.114
Vermont	3.30	3.44	0.672	3.25	3.76	0.365	10.33	9.39	0.477	2.09	2.37	0.412	3.31	3.41	0.765
Virginia	2.37	2.20	0.339	2.43	2.40	0.931	7.11	6.56	0.457	1.61	1.49	0.560	2.36	2.18	0.340
Washington	3.15	3.09	0.830	3.92	3.50	0.426	7.35	8.42	0.255	2.42	2.25	0.615	3.08	3.05	0.928
West Virginia	2.32	2.30	0.936	2.78	2.72	0.898	6.00	6.13	0.864	1.74	1.71	0.927	2.28	2.27	0.954
Wisconsin	2.00 ^b	2.41	0.054	2.55	2.56	0.969	5.18	6.22	0.129	1.41	1.78	0.143	1.95 ^a	2.40	0.048
Wyoming	2.05	2.10	0.818	3.13	2.81	0.518	5.40	5.80	0.586	1.39	1.44	0.816	1.94	2.02	0.695

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Respondents were classified as needing illicit drug treatment if they met the criteria for an illicit drug use disorder as defined in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV) or received treatment for illicit drug use at a specialty facility (i.e., drug and alcohol rehabilitation facility [inpatient or outpatient], hospital [inpatient only], or mental health center). Needing But Not Receiving Illicit Drug Treatment refers to respondents who are classified as needing illicit drug treatment, but who did not receive illicit drug treatment at a specialty facility. Illicit Drug Use includes the misuse of prescription psychotherapeutics or the use of marijuana, cocaine (including crack), heroin, hallucinogens, inhalants, or methamphetamine. Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 25 Needing But Not Receiving Treatment at a Specialty Facility for Alcohol Use in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Total U.S.	5.22	5.13	0.331	1.79	1.66	0.147	9.99	9.70	0.177	4.85	4.81	0.733	5.57	5.48	0.391
Northeast	5.40	5.20	0.200	1.72	1.62	0.403	10.54	10.40	0.729	4.98	4.77	0.256	5.75	5.53	0.212
Midwest	5.52	5.30	0.117	1.89	1.72	0.131	10.67	10.48	0.580	5.10	4.88	0.194	5.89	5.67	0.143
South	4.73	4.61	0.270	1.64	1.50	0.145	9.09 ^a	8.49	0.026	4.40	4.36	0.787	5.05	4.93	0.315
West	5.59	5.78	0.282	1.99	1.89	0.506	10.40	10.39	0.983	5.23	5.49	0.202	5.96	6.18	0.262
Alabama	4.24	4.58	0.331	1.64	1.63	0.972	7.80	7.73	0.930	3.97	4.42	0.280	4.50	4.88	0.336
Alaska	6.35	6.27	0.849	1.98	1.94	0.889	10.27	11.65	0.197	6.26	5.95	0.559	6.84	6.74	0.846
Arizona	5.16	5.12	0.905	1.82	1.80	0.939	11.30	9.84	0.151	4.55	4.74	0.643	5.51	5.46	0.902
Arkansas	4.73	5.00	0.413	1.99	1.96	0.919	8.94	9.06	0.896	4.37	4.72	0.396	5.01	5.32	0.414
California	5.41	5.71	0.256	1.95	1.78	0.485	9.93	9.86	0.916	5.05	5.49	0.183	5.76	6.11	0.237
Colorado	6.27 ^a	7.86	0.002	1.88	2.11	0.493	12.01 ^a	14.30	0.043	5.86 ^a	7.50	0.009	6.72 ^a	8.43	0.003
Connecticut	5.77	5.53	0.560	2.41 ^b	1.80	0.053	10.21	11.29	0.291	5.44	5.02	0.405	6.10	5.89	0.643
Delaware	5.97	5.89	0.853	1.59	1.50	0.689	9.72	10.17	0.656	5.88	5.73	0.779	6.38	6.29	0.860
District of Columbia	8.19	9.05	0.152	1.74	1.75	0.985	13.64	13.00	0.630	7.56 ^b	8.81	0.075	8.55	9.46	0.152
Florida	5.03 ^a	4.37	0.009	1.99 ^a	1.57	0.027	9.76 ^a	8.06	0.004	4.68 ^b	4.15	0.076	5.29 ^a	4.61	0.013
Georgia	4.10	4.25	0.578	1.31	1.35	0.832	7.57	7.50	0.927	3.88	4.09	0.540	4.41	4.58	0.596
Hawaii	4.96	5.21	0.540	1.99	2.10	0.777	11.42	11.37	0.968	4.38	4.70	0.480	5.23	5.49	0.556
Idaho	5.41	5.27	0.696	2.03	1.70	0.253	9.32	9.64	0.727	5.23	5.04	0.661	5.81	5.70	0.769
Illinois	5.93	5.77	0.631	2.26	1.87	0.120	11.41	10.87	0.467	5.49	5.42	0.870	6.31	6.17	0.702
Indiana	4.94	4.62	0.336	1.56	1.46	0.670	9.84	9.58	0.786	4.52	4.16	0.373	5.31	4.96	0.352
Iowa	6.89	6.49	0.395	2.06	2.05	0.979	13.33	13.96	0.563	6.32	5.71	0.281	7.38	6.95	0.398
Kansas	5.38	5.22	0.656	2.29	1.90	0.235	11.34	10.58	0.474	4.71	4.70	0.976	5.72	5.59	0.735
Kentucky	4.72	4.58	0.674	1.64	1.63	0.964	8.67	8.18	0.596	4.44	4.35	0.811	5.03	4.88	0.673
Louisiana	5.55	5.92	0.404	2.05	1.72	0.306	9.13	9.78	0.440	5.39	5.81	0.448	5.92	6.36	0.372
Maine	5.41	5.89	0.283	2.13	2.27	0.688	9.80	11.40	0.106	5.14	5.51	0.476	5.69	6.19	0.300
Maryland	5.28 ^b	4.52	0.064	1.38	1.28	0.644	10.64 ^b	8.59	0.068	4.90	4.28	0.180	5.67 ^b	4.84	0.068
Massachusetts	6.70	6.03	0.138	2.01	1.86	0.630	13.13	12.79	0.772	6.09	5.31	0.142	7.12	6.40	0.142
Michigan	5.15	5.00	0.619	1.71	1.56	0.457	8.87	9.07	0.761	4.93	4.73	0.586	5.49	5.34	0.641
Minnesota	4.96	4.94	0.952	1.64	1.51	0.635	10.55	10.52	0.978	4.47	4.47	0.997	5.30	5.29	0.976
Mississippi	4.06	4.10	0.897	1.27	1.26	0.941	7.35	6.87	0.560	3.85	3.99	0.706	4.36	4.41	0.898
Missouri	4.93	4.79	0.693	1.82	1.63	0.486	8.83	8.28	0.542	4.66	4.60	0.892	5.24	5.11	0.728
Montana	7.08	7.13	0.936	3.27	2.91	0.454	13.06	12.96	0.938	6.54	6.66	0.840	7.44	7.52	0.889

See notes at end of table.

(continued)

Table 25 Needing But Not Receiving Treatment at a Specialty Facility for Alcohol Use in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	5.66	5.63	0.944	2.03	1.80	0.430	12.01	12.26	0.815	5.00	4.96	0.938	6.06	6.05	0.994
Nevada	5.20	5.17	0.947	2.28 ^b	1.71	0.080	10.98	9.84	0.250	4.69	4.91	0.633	5.49	5.52	0.949
New Hampshire	5.95	6.45	0.263	1.84	1.96	0.698	11.83 ^b	14.26	0.053	5.46	5.72	0.630	6.32	6.85	0.281
New Jersey	4.61	4.70	0.791	1.54	1.52	0.961	11.08	10.15	0.341	4.00	4.26	0.502	4.92	5.01	0.796
New Mexico	5.57 ^a	4.81	0.042	2.07	1.74	0.280	10.64	9.11	0.151	5.16	4.49	0.132	5.94 ^b	5.13	0.053
New York	5.43	5.07	0.192	1.71	1.48	0.248	9.36	8.70	0.310	5.19	4.87	0.342	5.77	5.39	0.214
North Carolina	4.10	4.49	0.210	1.34	1.56	0.305	7.20	8.00	0.299	3.93	4.28	0.357	4.38	4.78	0.240
North Dakota	6.69	6.44	0.532	1.91	2.14	0.456	12.20	12.95	0.489	6.09	5.63	0.349	7.14	6.85	0.517
Ohio	5.21	4.78	0.125	1.64	1.63	0.957	10.15	9.54	0.341	4.85	4.39	0.192	5.58	5.09	0.125
Oklahoma	5.28	5.52	0.504	1.88	1.72	0.563	9.39	10.00	0.499	5.01	5.25	0.583	5.66	5.94	0.479
Oregon	7.13	7.12	0.984	2.67	2.31	0.353	11.71	12.49	0.511	6.92	6.84	0.886	7.54	7.56	0.972
Pennsylvania	4.90	4.84	0.827	1.41	1.55	0.493	10.19	10.71	0.513	4.46	4.29	0.625	5.22	5.14	0.789
Rhode Island	6.49	5.99	0.244	2.10	1.78	0.253	12.05	11.82	0.834	5.95	5.39	0.277	6.88	6.35	0.267
South Carolina	4.98	5.21	0.567	1.56	1.57	0.981	10.45	10.51	0.951	4.52	4.81	0.541	5.32	5.56	0.575
South Dakota	7.16	6.52	0.184	2.93	2.34	0.116	12.51	13.75	0.242	6.77	5.83	0.111	7.60	6.96	0.229
Tennessee	4.58	4.46	0.737	1.75	1.70	0.829	9.39	8.22	0.202	4.14	4.20	0.878	4.86	4.74	0.745
Texas	4.46	4.30	0.439	1.57	1.32	0.221	9.05	8.20	0.175	4.05	4.03	0.925	4.81	4.65	0.510
Utah	4.66	4.27	0.252	1.60	1.52	0.780	8.93	8.13	0.421	4.23	3.89	0.376	5.09	4.66	0.262
Vermont	6.65	6.90	0.600	2.32	2.65	0.381	14.44	13.80	0.587	5.72	6.12	0.482	7.01	7.25	0.647
Virginia	5.45	5.12	0.316	1.81	1.62	0.411	10.88	10.31	0.521	5.00	4.70	0.446	5.81	5.47	0.339
Washington	5.97	5.56	0.327	2.00	2.30	0.403	10.31	11.00	0.490	5.74	5.11	0.209	6.35	5.87	0.293
West Virginia	4.26	4.15	0.710	1.74	1.61	0.650	8.89	8.31	0.543	3.84	3.81	0.926	4.48	4.37	0.733
Wisconsin	6.56	6.44	0.796	2.05	1.98	0.833	13.36	13.75	0.725	5.97	5.78	0.727	7.01	6.89	0.799
Wyoming	6.36 ^a	5.32	0.015	2.35	2.32	0.940	11.20	10.29	0.366	6.06 ^a	4.91	0.026	6.77 ^a	5.63	0.017

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Respondents were classified as needing alcohol treatment if they met the criteria for an alcohol use disorder as defined in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV) or received treatment for alcohol use at a specialty facility (i.e., drug and alcohol rehabilitation facility [inpatient or outpatient], hospital [inpatient only], or mental health center). Needing But Not Receiving Alcohol Treatment refers to respondents who are classified as needing alcohol treatment, but who did not receive alcohol treatment at a specialty facility.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 26 Needing But Not Receiving Treatment at a Specialty Facility for Substance Use in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Total U.S.	6.82	6.79	0.796	3.89 ^a	3.62	0.046	14.07	14.07	0.997	5.98	6.00	0.888	7.11	7.11	0.971
Northeast	6.94	6.88	0.750	3.65	3.45	0.319	15.07	15.08	0.981	6.00	5.97	0.883	7.25	7.20	0.806
Midwest	6.99	6.85	0.380	3.83	3.66	0.385	14.46	14.49	0.938	6.13	5.98	0.450	7.31	7.18	0.422
South	6.28	6.21	0.571	3.60	3.41	0.265	13.22	12.82	0.235	5.49	5.49	0.971	6.56	6.50	0.649
West	7.42	7.59	0.377	4.57 ^a	4.05	0.036	14.29	14.91	0.199	6.62	6.83	0.395	7.71	7.95	0.267
Alabama	6.09	6.47	0.369	3.42	3.35	0.871	12.18	13.09	0.401	5.42	5.78	0.496	6.36	6.78	0.365
Alaska	8.46	8.36	0.846	5.33	4.33	0.104	14.18	15.60	0.247	7.91	7.71	0.761	8.81	8.80	0.993
Arizona	7.12	6.65	0.311	4.34	3.76	0.286	15.46	13.50	0.112	6.07	5.88	0.741	7.41	6.96	0.369
Arkansas	6.55	6.79	0.591	3.80	3.74	0.883	13.36	13.84	0.676	5.77	6.02	0.656	6.85	7.11	0.584
California	7.14	7.44	0.332	4.47	3.92	0.106	13.28	14.10	0.258	6.42	6.75	0.378	7.41	7.79	0.259
Colorado	8.57 ^a	10.66	0.001	4.89	4.69	0.766	18.86 ^a	22.20	0.035	7.32 ^a	9.53	0.004	8.94 ^a	11.26	0.001
Connecticut	7.51	7.52	0.976	4.54 ^a	3.52	0.040	16.35	18.27	0.153	6.42	6.25	0.775	7.80	7.92	0.830
Delaware	7.70	7.41	0.546	4.00	3.74	0.609	14.61	14.69	0.950	7.07	6.75	0.584	8.05	7.76	0.573
District of Columbia	10.37	11.00	0.341	4.98	5.41	0.521	17.95	17.51	0.759	9.26	10.18	0.256	10.67	11.32	0.359
Florida	6.65 ^b	6.09	0.065	4.42	4.06	0.306	13.94	12.87	0.159	5.87	5.38	0.169	6.84 ^b	6.26	0.077
Georgia	5.72	6.02	0.405	2.90	3.00	0.795	11.04	12.32	0.156	5.20	5.38	0.696	6.04	6.36	0.423
Hawaii	6.30	6.47	0.698	4.08	4.04	0.945	14.41	14.59	0.887	5.41	5.64	0.673	6.50	6.69	0.693
Idaho	6.98	6.65	0.475	4.04	3.79	0.635	12.39	12.09	0.792	6.49	6.15	0.564	7.33	6.99	0.509
Illinois	7.45	7.26	0.578	4.35	3.82	0.196	14.96	14.97	0.989	6.61	6.45	0.703	7.78	7.62	0.673
Indiana	6.54	6.43	0.799	3.16	3.23	0.875	13.68	14.10	0.709	5.72	5.52	0.686	6.90	6.78	0.781
Iowa	8.15	7.85	0.513	3.92	3.96	0.937	16.82	17.17	0.779	7.11	6.67	0.440	8.58	8.25	0.507
Kansas	6.32	6.48	0.683	3.89	3.56	0.498	13.62	13.38	0.839	5.33	5.64	0.523	6.59	6.81	0.626
Kentucky	6.34	6.20	0.718	3.53	3.64	0.825	13.20	11.96	0.263	5.56	5.57	0.978	6.63	6.45	0.696
Louisiana	7.22	7.43	0.659	3.49	3.16	0.486	13.59	14.53	0.357	6.62	6.80	0.765	7.61	7.87	0.616
Maine	7.69	8.22	0.354	4.64	4.42	0.688	15.55 ^b	18.25	0.054	6.93	7.28	0.611	7.94	8.54	0.341
Maryland	6.81 ^b	6.04	0.071	3.33	3.18	0.723	15.07 ^b	12.91	0.073	5.94	5.33	0.240	7.15 ^b	6.32	0.076
Massachusetts	8.75	7.96	0.126	4.26	3.70	0.296	19.02	17.69	0.360	7.46	6.74	0.261	9.15	8.34	0.146
Michigan	6.93	6.58	0.269	3.63	3.43	0.599	13.12	13.51	0.620	6.28	5.80	0.220	7.26	6.89	0.285
Minnesota	5.97	6.47	0.234	3.75	3.76	0.982	13.67	13.75	0.947	5.01	5.66	0.215	6.19	6.75	0.232
Mississippi	5.73	5.76	0.953	3.37	3.13	0.595	11.94	10.90	0.340	4.96	5.21	0.611	5.99	6.04	0.909
Missouri	6.54	6.50	0.917	3.59	3.47	0.811	12.88	12.66	0.845	5.86	5.87	0.985	6.84	6.80	0.933
Montana	8.32	8.44	0.840	5.71	4.75	0.121	17.19	17.01	0.897	7.19	7.49	0.656	8.57	8.78	0.726

See notes at end of table.

(continued)

Table 26 Needing But Not Receiving Treatment at a Specialty Facility for Substance Use in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	12+ (2016- 2017)	12+ (2017- 2018)	12+ (P Value)	12-17 (2016- 2017)	12-17 (2017- 2018)	12-17 (P Value)	18-25 (2016- 2017)	18-25 (2017- 2018)	18-25 (P Value)	26+ (2016- 2017)	26+ (2017- 2018)	26+ (P Value)	18+ (2016- 2017)	18+ (2017- 2018)	18+ (P Value)
Nebraska	6.78	7.05	0.521	3.86	3.58	0.563	16.20	16.40	0.871	5.48	5.85	0.473	7.10	7.43	0.476
Nevada	7.68	7.94	0.613	5.42	4.44	0.143	16.50	17.13	0.633	6.66	7.04	0.548	7.91	8.29	0.504
New Hampshire	7.80	8.22	0.432	4.17	4.18	0.980	18.13	18.34	0.890	6.58	7.09	0.423	8.13	8.58	0.435
New Jersey	5.74 ^b	6.46	0.066	3.21	3.37	0.672	14.07	14.34	0.814	4.79 ^b	5.65	0.074	5.99 ^b	6.76	0.074
New Mexico	7.44 ^b	6.60	0.076	5.20	4.50	0.242	15.54	14.25	0.315	6.38	5.62	0.187	7.68	6.82	0.102
New York	7.05	6.71	0.278	3.73	3.35	0.250	14.19	13.74	0.576	6.24	5.95	0.452	7.35	7.01	0.317
North Carolina	5.59	6.16	0.133	3.34	3.45	0.790	11.33	12.49	0.228	4.95	5.49	0.244	5.82	6.44	0.140
North Dakota	7.57	7.76	0.673	3.93	4.12	0.708	14.59	16.33	0.151	6.52	6.46	0.914	7.90	8.10	0.687
Ohio	7.04	6.59	0.167	3.74	3.75	0.981	14.76	13.94	0.296	6.20	5.76	0.282	7.37	6.87	0.160
Oklahoma	6.83	7.28	0.334	4.25	3.92	0.518	13.40	14.62	0.277	6.04	6.47	0.454	7.12	7.65	0.299
Oregon	8.88	8.82	0.916	5.24	4.34	0.119	16.54	17.56	0.433	8.12	8.01	0.874	9.22	9.23	0.980
Pennsylvania	6.12	6.22	0.735	2.97	3.23	0.431	13.58	14.14	0.502	5.30	5.33	0.939	6.41	6.49	0.801
Rhode Island	7.96	7.71	0.587	4.61	3.85	0.160	16.40	16.63	0.863	6.79	6.53	0.654	8.25	8.04	0.677
South Carolina	6.90	6.70	0.651	3.94	3.64	0.534	16.01	15.40	0.595	5.81	5.72	0.865	7.18	7.00	0.692
South Dakota	8.24	7.91	0.519	5.35	4.58	0.197	17.09	18.03	0.464	7.09	6.63	0.464	8.54	8.26	0.618
Tennessee	6.14	6.09	0.910	3.72	3.64	0.866	13.60	12.17	0.172	5.23	5.43	0.697	6.38	6.33	0.921
Texas	5.72	5.67	0.838	3.35	2.99	0.261	12.71	11.87	0.221	4.81	4.96	0.643	6.01	5.99	0.953
Utah	6.11	5.55	0.142	3.09	2.98	0.796	12.11	10.83	0.256	5.29	4.83	0.328	6.53	5.91	0.153
Vermont	8.75	9.09	0.537	4.87	4.92	0.935	21.49	19.87	0.314	6.91	7.64	0.283	9.07	9.44	0.546
Virginia	7.06	6.63	0.291	3.60	3.45	0.716	15.42	14.33	0.311	6.12	5.78	0.488	7.40	6.94	0.303
Washington	7.97	7.57	0.421	4.99	4.67	0.596	14.09	15.73	0.174	7.36	6.67	0.275	8.26	7.84	0.448
West Virginia	5.98	5.95	0.942	4.27	3.93	0.520	13.05	12.40	0.560	5.12	5.23	0.814	6.13	6.13	0.997
Wisconsin	7.42	7.47	0.904	4.00	3.90	0.835	16.52	16.86	0.775	6.32	6.37	0.934	7.76	7.83	0.894
Wyoming	7.12 ^b	6.27	0.063	4.48	4.23	0.692	13.23	12.64	0.592	6.46	5.53	0.103	7.39 ^b	6.48	0.072

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Respondents were classified as needing substance use treatment if they met the criteria for an illicit drug or alcohol use disorder as defined in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV) or received treatment for illicit drug or alcohol use at a specialty facility (i.e., drug and alcohol rehabilitation facility [inpatient or outpatient], hospital [inpatient only], or mental health center). Needing But Not Receiving Substance Use Treatment refers to respondents who are classified as needing illicit drug or alcohol treatment, but who did not receive illicit drug or alcohol treatment at a specialty facility. Illicit Drug Use includes the misuse of prescription psychotherapeutics or the use of marijuana, cocaine (including crack), heroin, hallucinogens, inhalants, or methamphetamine. Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 27 *Serious Mental Illness in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs*

State	18+ (2016-2017)	18+ (2017-2018)	18+ (P Value)	18-25 (2016-2017)	18-25 (2017-2018)	18-25 (P Value)	26+ (2016-2017)	26+ (2017-2018)	26+ (P Value)
Total U.S.	4.38 ^a	4.55	0.050	6.68 ^a	7.59	0.000	4.01	4.06	0.553
Northeast	4.16	4.22	0.684	6.58 ^a	7.46	0.003	3.78	3.71	0.673
Midwest	4.64 ^a	4.91	0.037	7.09 ^a	8.16	0.000	4.24	4.38	0.338
South	4.31	4.44	0.235	6.25 ^a	7.07	0.000	4.00	4.02	0.867
West	4.43 ^b	4.66	0.097	7.05 ^a	7.98	0.003	3.99	4.12	0.405
Alabama	4.80 ^a	5.75	0.010	5.95 ^b	7.17	0.090	4.62 ^a	5.53	0.034
Alaska	5.02	5.40	0.261	8.53	8.96	0.607	4.43	4.83	0.308
Arizona	4.13 ^b	4.80	0.052	6.37 ^a	8.05	0.032	3.76	4.27	0.202
Arkansas	5.44	5.55	0.768	6.65	7.47	0.267	5.25	5.24	0.984
California	3.94	4.14	0.309	6.61 ^b	7.39	0.093	3.48	3.60	0.595
Colorado	5.08	5.64	0.122	8.67	9.89	0.148	4.49	4.97	0.258
Connecticut	4.16	4.34	0.550	7.43	8.31	0.231	3.63	3.70	0.837
Delaware	4.90 ^b	5.65	0.066	7.70	7.72	0.979	4.48 ^b	5.35	0.059
District of Columbia	4.43	4.82	0.217	6.25	6.85	0.367	4.08	4.44	0.333
Florida	3.83	3.90	0.752	6.41	7.09	0.175	3.48	3.47	0.985
Georgia	4.35	4.33	0.950	5.83	6.64	0.164	4.09	3.94	0.645
Hawaii	3.49	3.89	0.160	6.76 ^b	8.07	0.067	3.04	3.34	0.358
Idaho	5.81	5.61	0.584	7.90	8.93	0.231	5.47	5.06	0.347
Illinois	4.14	4.15	0.950	6.41 ^a	7.79	0.020	3.77	3.58	0.493
Indiana	5.19	5.26	0.834	7.85	8.27	0.585	4.72	4.75	0.960
Iowa	4.59 ^a	5.38	0.017	6.99 ^a	8.66	0.035	4.16 ^b	4.79	0.089
Kansas	4.79	5.18	0.268	7.17 ^b	8.64	0.056	4.37	4.56	0.628
Kentucky	5.58	5.62	0.902	7.53	7.89	0.624	5.26	5.26	0.997
Louisiana	4.72	5.17	0.165	5.47 ^a	6.85	0.045	4.60	4.90	0.422
Maine	4.60 ^a	5.67	0.005	7.71 ^a	10.59	0.001	4.19 ^a	5.04	0.047
Maryland	3.90	3.94	0.901	6.48 ^b	7.71	0.089	3.51	3.37	0.673
Massachusetts	4.76	4.77	0.956	7.46	8.04	0.444	4.29	4.21	0.838
Michigan	4.56	4.61	0.836	6.64 ^b	7.56	0.095	4.21	4.12	0.785
Minnesota	4.24	4.35	0.734	7.33	8.77	0.103	3.75	3.66	0.795
Mississippi	4.64 ^a	5.41	0.023	5.94	6.93	0.140	4.41 ^b	5.15	0.063
Missouri	4.91 ^b	5.51	0.078	6.85	7.87	0.158	4.59	5.13	0.167
Montana	5.18	5.36	0.620	7.75 ^b	9.09	0.095	4.77	4.78	0.997

See notes at end of table.

(continued)

Table 27 Serious Mental Illness in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	18+ (2016-2017)	18+ (2017-2018)	18+ (P Value)	18-25 (2016-2017)	18-25 (2017-2018)	18-25 (P Value)	26+ (2016-2017)	26+ (2017-2018)	26+ (P Value)
Nebraska	4.30	4.39	0.752	6.58 ^b	7.84	0.072	3.89	3.78	0.754
Nevada	4.28	4.76	0.160	6.49	7.61	0.147	3.96	4.36	0.308
New Hampshire	5.28	5.34	0.877	8.90	9.05	0.871	4.72	4.77	0.905
New Jersey	3.67	3.60	0.770	6.31	7.21	0.165	3.28	3.07	0.481
New Mexico	4.39	4.51	0.710	6.29 ^b	7.73	0.061	4.08	3.99	0.830
New York	3.83	3.85	0.939	5.87 ^b	6.82	0.064	3.50	3.38	0.651
North Carolina	4.66	4.56	0.712	6.27	7.17	0.126	4.41	4.15	0.442
North Dakota	4.61	4.92	0.302	7.39	8.15	0.316	4.03	4.27	0.492
Ohio	4.95	5.37	0.117	7.60	8.39	0.213	4.53	4.89	0.233
Oklahoma	4.99	5.23	0.483	7.04 ^b	8.48	0.055	4.64	4.68	0.913
Oregon	5.37	5.27	0.754	8.32	8.76	0.594	4.93	4.76	0.647
Pennsylvania	4.44	4.49	0.854	6.66	7.42	0.166	4.10	4.04	0.849
Rhode Island	4.52	4.93	0.190	7.07	7.77	0.322	4.06	4.44	0.319
South Carolina	4.36	4.76	0.208	6.12 ^a	7.53	0.039	4.09	4.34	0.497
South Dakota	4.44	4.60	0.606	7.48 ^a	9.39	0.019	3.93	3.80	0.727
Tennessee	5.19	4.91	0.412	7.12	7.71	0.421	4.89	4.48	0.316
Texas	3.76	3.86	0.645	5.90	6.45	0.209	3.38	3.40	0.940
Utah	6.18	6.37	0.584	9.51	10.05	0.540	5.43	5.55	0.768
Vermont	5.41	5.45	0.920	7.78 ^a	9.71	0.029	5.00	4.71	0.505
Virginia	4.01	4.12	0.686	5.99	6.89	0.140	3.70	3.68	0.959
Washington	5.37	5.26	0.746	7.01	7.85	0.257	5.12	4.88	0.545
West Virginia	5.69	5.78	0.818	7.55	8.49	0.213	5.41	5.39	0.955
Wisconsin	4.88 ^b	5.48	0.096	7.53	8.57	0.200	4.45	4.99	0.201
Wyoming	4.84	4.84	0.995	7.66 ^b	9.03	0.088	4.39	4.20	0.614

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Serious mental illness (SMI) is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder, assessed by the Mental Health Surveillance Study (MHSS) *Structured Clinical Interview for the Diagnostic and Statistical Manual of Mental Disorders—Fourth Edition—Research Version—Axis I Disorders* (MHSS-SCID), which is based on the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV). SMI includes individuals with diagnoses resulting in serious functional impairment. For details, see Section B of the "2017-2018 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 28 Any Mental Illness in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	18+ (2016-2017)	18+ (2017-2018)	18+ (P Value)	18-25 (2016-2017)	18-25 (2017-2018)	18-25 (P Value)	26+ (2016-2017)	26+ (2017-2018)	26+ (P Value)
Total U.S.	18.57 ^a	19.00	0.013	23.93 ^a	26.04	0.000	17.69	17.88	0.341
Northeast	18.01 ^b	18.53	0.087	24.10 ^a	26.47	0.000	17.03	17.30	0.455
Midwest	18.78 ^a	19.88	0.000	24.92 ^a	27.47	0.000	17.76 ^a	18.63	0.007
South	18.18	18.18	0.991	22.47 ^a	24.11	0.000	17.49	17.24	0.405
West	19.41	19.90	0.148	25.19 ^a	27.44	0.000	18.45	18.68	0.551
Alabama	19.95 ^b	21.39	0.090	21.52 ^b	24.24	0.053	19.69	20.93	0.203
Alaska	20.32	20.50	0.825	27.34	28.47	0.466	19.14	19.22	0.935
Arizona	18.02	19.24	0.134	22.39	24.56	0.126	17.30	18.37	0.256
Arkansas	20.73	20.27	0.576	24.46	25.64	0.409	20.11	19.40	0.445
California	18.18	18.54	0.457	24.75 ^a	26.53	0.036	17.06	17.22	0.773
Colorado	19.86 ^b	21.50	0.068	27.72 ^a	31.44	0.020	18.58	19.92	0.181
Connecticut	18.18	19.03	0.298	25.56 ^b	28.12	0.097	16.98	17.56	0.530
Delaware	18.65	20.03	0.111	23.52 ^a	28.10	0.002	17.93	18.86	0.329
District of Columbia	21.17	22.21	0.233	23.89 ^a	27.02	0.032	20.65	21.32	0.500
Florida	17.54	17.39	0.775	22.74 ^b	24.38	0.085	16.83	16.45	0.536
Georgia	18.07	18.09	0.985	21.26 ^a	24.46	0.006	17.53	17.03	0.551
Hawaii	16.27 ^b	17.58	0.096	22.94	25.02	0.137	15.36	16.59	0.167
Idaho	25.03	24.46	0.560	27.79	30.54	0.115	24.57	23.46	0.317
Illinois	16.76 ^a	18.06	0.027	22.82 ^a	26.42	0.001	15.78	16.73	0.150
Indiana	20.90 ^b	22.51	0.060	27.45	29.43	0.189	19.75	21.32	0.109
Iowa	19.02	19.89	0.252	25.26	25.59	0.826	17.90	18.88	0.270
Kansas	19.71	19.59	0.880	24.72	27.09	0.102	18.81	18.26	0.540
Kentucky	22.29	22.14	0.864	22.83	24.71	0.172	22.21	21.73	0.632
Louisiana	19.11 ^b	20.63	0.053	19.67 ^a	24.87	0.000	19.02	19.95	0.297
Maine	19.01 ^a	20.82	0.040	26.59 ^a	31.23	0.002	17.99	19.47	0.128
Maryland	16.94	16.96	0.986	23.18	25.32	0.143	15.99	15.70	0.729
Massachusetts	20.57	21.22	0.392	26.23	28.22	0.188	19.59	20.03	0.610
Michigan	18.34	19.07	0.230	24.05 ^b	25.88	0.085	17.39	17.95	0.421
Minnesota	18.21	19.32	0.149	28.73	30.77	0.223	16.55	17.53	0.250
Mississippi	19.04	19.49	0.577	19.70 ^a	23.40	0.009	18.92	18.83	0.920
Missouri	20.05	21.44	0.109	23.27 ^a	27.61	0.003	19.52	20.45	0.340
Montana	19.78	20.00	0.790	26.11	27.96	0.216	18.77	18.75	0.979

See notes at end of table.

(continued)

Table 28 Any Mental Illness in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	18+ (2016-2017)	18+ (2017-2018)	18+ (P Value)	18-25 (2016-2017)	18-25 (2017-2018)	18-25 (P Value)	26+ (2016-2017)	26+ (2017-2018)	26+ (P Value)
Nebraska	17.88	18.08	0.794	24.79	26.49	0.283	16.64	16.60	0.955
Nevada	18.87 ^a	20.67	0.035	24.82	27.17	0.122	18.01 ^b	19.75	0.070
New Hampshire	19.15 ^b	20.56	0.096	26.70	28.85	0.187	17.98	19.30	0.163
New Jersey	16.19	16.14	0.942	20.96 ^b	23.25	0.071	15.48	15.09	0.623
New Mexico	17.73 ^b	19.10	0.096	24.08	25.43	0.373	16.68	18.07	0.140
New York	17.61	18.25	0.233	23.63 ^a	25.96	0.021	16.63	17.03	0.507
North Carolina	18.02	18.77	0.276	22.32 ^a	25.52	0.014	17.34	17.72	0.625
North Dakota	18.30	19.13	0.264	23.90 ^a	27.22	0.034	17.15	17.51	0.666
Ohio	19.85 ^a	21.40	0.016	25.42 ^a	27.99	0.017	18.97 ^b	20.36	0.055
Oklahoma	20.02	20.43	0.624	23.59 ^a	27.50	0.011	19.40	19.23	0.857
Oregon	23.59	22.45	0.242	27.85	29.56	0.306	22.95	21.40	0.152
Pennsylvania	17.98	18.23	0.680	24.38 ^a	27.16	0.010	16.99	16.87	0.846
Rhode Island	19.59 ^a	21.32	0.035	24.76	24.97	0.893	18.67 ^a	20.68	0.032
South Carolina	18.56	18.31	0.756	23.73	23.53	0.889	17.76	17.52	0.794
South Dakota	17.70	17.49	0.776	23.75 ^a	28.51	0.002	16.68	15.65	0.225
Tennessee	19.24	18.26	0.215	23.90	25.39	0.273	18.50	17.16	0.131
Texas	16.32	16.21	0.833	21.62	21.42	0.813	15.37	15.29	0.893
Utah	23.47 ^a	25.25	0.037	28.99	30.79	0.277	22.24 ^b	24.02	0.080
Vermont	19.84	20.65	0.364	30.05	29.59	0.794	18.06	19.10	0.302
Virginia	18.78 ^a	17.38	0.045	25.39	25.57	0.891	17.72 ^a	16.08	0.038
Washington	22.81	22.23	0.522	24.81 ^a	29.52	0.004	22.51	21.15	0.188
West Virginia	22.89	23.80	0.350	23.96	26.28	0.140	22.73	23.44	0.514
Wisconsin	18.54	19.26	0.330	25.53	27.49	0.153	17.40	17.94	0.524
Wyoming	20.25	20.34	0.913	26.55	28.46	0.210	19.25	19.09	0.868

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Any mental illness (AMI) is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder, assessed by the Mental Health Surveillance Study (MHSS) *Structured Clinical Interview for the Diagnostic and Statistical Manual of Mental Disorders—Fourth Edition—Research Version—Axis I Disorders* (MHSS-SCID), which is based on the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV). For details, see Section B of the "2017-2018 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 29 Received Mental Health Services in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	18+ (2016-2017)	18+ (2017-2018)	18+ (P Value)	18-25 (2016-2017)	18-25 (2017-2018)	18-25 (P Value)	26+ (2016-2017)	26+ (2017-2018)	26+ (P Value)
Total U.S.	14.60 ^b	14.91	0.063	13.90 ^a	15.03	0.000	14.72	14.89	0.356
Northeast	15.66	16.05	0.207	15.18 ^a	16.98	0.000	15.74	15.91	0.635
Midwest	16.45	16.81	0.196	16.04 ^a	17.40	0.001	16.52	16.72	0.547
South	13.81	13.84	0.912	12.72 ^a	13.53	0.015	13.99	13.89	0.675
West	13.42 ^a	14.08	0.009	12.88 ^a	13.88	0.014	13.51 ^a	14.11	0.040
Alabama	13.97 ^a	15.97	0.010	11.62 ^b	13.39	0.061	14.35 ^a	16.38	0.028
Alaska	13.02	14.01	0.166	13.42	13.75	0.751	12.95	14.05	0.190
Arizona	13.24 ^a	14.86	0.035	11.31	11.95	0.533	13.56 ^a	15.34	0.045
Arkansas	16.07	17.06	0.217	14.44	15.29	0.415	16.34	17.35	0.278
California	11.72	11.99	0.485	11.34	11.99	0.282	11.78	11.99	0.645
Colorado	15.62 ^a	17.27	0.039	17.01 ^b	19.18	0.073	15.39 ^b	16.97	0.090
Connecticut	16.61	17.19	0.481	18.42	17.96	0.705	16.31	17.06	0.433
Delaware	15.95 ^b	17.44	0.073	14.60 ^a	17.46	0.013	16.15	17.44	0.176
District of Columbia	16.82	17.65	0.274	15.34	15.63	0.795	17.12	18.03	0.312
Florida	13.37 ^a	12.39	0.049	12.49	13.51	0.146	13.48 ^a	12.23	0.027
Georgia	13.17	12.99	0.761	11.26 ^b	12.64	0.098	13.50	13.05	0.522
Hawaii	10.67	11.43	0.221	11.77	12.36	0.511	10.51	11.30	0.264
Idaho	17.28 ^a	19.72	0.006	17.22	18.84	0.223	17.29 ^a	19.86	0.010
Illinois	14.50	14.99	0.388	14.49 ^a	17.05	0.003	14.51	14.66	0.812
Indiana	17.64	16.99	0.410	17.82	18.25	0.713	17.62	16.77	0.372
Iowa	17.59	18.21	0.492	18.49	20.00	0.230	17.43	17.89	0.662
Kansas	15.39	16.61	0.102	15.03	15.62	0.560	15.46	16.79	0.130
Kentucky	17.61	19.05	0.105	16.63	17.92	0.272	17.77	19.23	0.157
Louisiana	13.49 ^b	14.69	0.096	11.52 ^a	13.51	0.046	13.81	14.87	0.205
Maine	19.16	19.37	0.829	19.18 ^a	22.90	0.005	19.15	18.91	0.823
Maryland	14.19	13.24	0.200	15.15	15.82	0.566	14.04	12.85	0.163
Massachusetts	19.69	20.91	0.200	17.31	19.08	0.201	20.11	21.22	0.312
Michigan	16.42	16.44	0.984	15.31	15.62	0.704	16.61	16.57	0.954
Minnesota	17.99	17.31	0.436	18.30	19.46	0.388	17.94	16.97	0.338
Mississippi	13.28	13.66	0.582	10.15 ^a	12.09	0.026	13.82	13.93	0.894
Missouri	16.82	17.04	0.788	15.50	17.38	0.106	17.03	16.98	0.958
Montana	15.23	15.98	0.317	16.24	17.23	0.395	15.07	15.78	0.407

See notes at end of table.

(continued)

Table 29 Received Mental Health Services in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	18+ (2016-2017)	18+ (2017-2018)	18+ (P Value)	18-25 (2016-2017)	18-25 (2017-2018)	18-25 (P Value)	26+ (2016-2017)	26+ (2017-2018)	26+ (P Value)
Nebraska	15.77	15.01	0.315	16.63	16.43	0.873	15.61	14.76	0.337
Nevada	12.40 ^a	14.16	0.021	10.98	12.06	0.228	12.60 ^a	14.45	0.035
New Hampshire	19.12	18.51	0.520	19.88	18.28	0.251	19.00	18.55	0.677
New Jersey	12.45	12.78	0.622	12.09 ^b	13.84	0.082	12.51	12.62	0.883
New Mexico	12.74 ^b	14.08	0.056	12.32	13.66	0.174	12.80 ^b	14.15	0.099
New York	14.16	14.55	0.467	13.83 ^a	15.87	0.006	14.21	14.34	0.839
North Carolina	15.12	15.09	0.962	13.07	13.96	0.333	15.44	15.26	0.822
North Dakota	15.51	15.71	0.791	15.10	16.92	0.134	15.61	15.47	0.881
Ohio	17.05 ^a	18.32	0.041	16.05 ^b	17.80	0.051	17.20 ^b	18.41	0.098
Oklahoma	14.52	14.65	0.856	13.49	14.73	0.236	14.70	14.64	0.937
Oregon	16.90	17.13	0.769	15.84	16.58	0.522	17.06	17.21	0.864
Pennsylvania	16.39	16.35	0.955	15.59 ^a	18.27	0.004	16.51	16.06	0.523
Rhode Island	19.73	20.15	0.638	18.57	17.39	0.357	19.94	20.64	0.511
South Carolina	14.62	15.61	0.181	13.91	14.29	0.702	14.73	15.81	0.210
South Dakota	15.38	15.14	0.747	16.86 ^b	19.07	0.080	15.14	14.48	0.466
Tennessee	14.92	14.92	0.991	13.53	14.20	0.518	15.14	15.03	0.890
Texas	11.54	11.74	0.640	11.37	11.54	0.790	11.57	11.78	0.679
Utah	17.53 ^a	19.46	0.014	18.21	18.94	0.608	17.38 ^a	19.59	0.017
Vermont	21.38	22.78	0.172	23.04	21.74	0.447	21.09	22.96	0.114
Virginia	15.51	14.66	0.196	14.27	14.30	0.975	15.71	14.72	0.195
Washington	17.42	17.03	0.640	14.86 ^a	17.25	0.031	17.81	17.00	0.396
West Virginia	17.78	18.56	0.404	16.68	17.43	0.532	17.94	18.72	0.465
Wisconsin	16.76	17.81	0.196	15.99	17.13	0.349	16.89	17.93	0.275
Wyoming	13.48 ^b	14.87	0.074	15.78 ^b	17.88	0.090	13.12	14.41	0.150

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Mental Health Services are defined as having received inpatient treatment/counseling or outpatient treatment/counseling or having used prescription medication for problems with emotions, nerves, or mental health. Respondents were not to include treatment for drug or alcohol use.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 30 Had Serious Thoughts of Suicide in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	18+ (2016-2017)	18+ (2017-2018)	18+ (P Value)	18-25 (2016-2017)	18-25 (2017-2018)	18-25 (P Value)	26+ (2016-2017)	26+ (2017-2018)	26+ (P Value)
Total U.S.	4.19 ^b	4.34	0.063	9.64 ^a	10.73	0.000	3.31	3.32	0.852
Northeast	3.99	4.04	0.673	9.50 ^a	10.35	0.018	3.11	3.06	0.708
Midwest	4.35 ^a	4.65	0.014	9.98 ^a	11.52	0.000	3.41	3.53	0.381
South	4.03	4.14	0.328	9.24 ^a	10.20	0.000	3.20	3.18	0.894
West	4.45	4.61	0.278	10.07 ^a	11.15	0.005	3.52	3.55	0.846
Alabama	3.89 ^a	4.45	0.048	8.71 ^a	10.90	0.009	3.11	3.43	0.317
Alaska	5.34	5.85	0.196	13.26	13.92	0.553	4.01	4.55	0.219
Arizona	4.02	4.43	0.189	9.28 ^b	10.87	0.087	3.15	3.38	0.490
Arkansas	4.59	4.71	0.732	9.83	10.80	0.258	3.73	3.72	0.982
California	4.04	4.10	0.763	9.68	10.23	0.336	3.09	3.09	0.974
Colorado	5.41	5.51	0.791	11.25 ^a	13.33	0.041	4.46	4.28	0.665
Connecticut	4.05	4.48	0.157	10.03 ^b	11.73	0.091	3.08	3.32	0.488
Delaware	4.16 ^a	5.06	0.019	9.61	10.84	0.165	3.35 ^a	4.22	0.037
District of Columbia	4.11	4.17	0.847	8.55	9.01	0.559	3.24	3.28	0.920
Florida	3.49	3.67	0.372	9.38	10.16	0.192	2.69	2.80	0.595
Georgia	4.38	4.03	0.220	8.73	9.49	0.278	3.65	3.13	0.106
Hawaii	4.08	4.59	0.157	10.08 ^a	12.09	0.029	3.26	3.60	0.392
Idaho	5.60	5.45	0.693	10.59 ^b	12.49	0.054	4.78	4.29	0.253
Illinois	3.87	3.87	0.995	9.33	10.29	0.189	2.98	2.85	0.578
Indiana	5.04	5.23	0.586	11.05	12.41	0.178	3.99	3.99	0.999
Iowa	4.69 ^a	5.40	0.039	10.58	11.72	0.223	3.64 ^b	4.29	0.094
Kansas	4.87	4.82	0.888	10.29	11.75	0.128	3.90	3.60	0.402
Kentucky	4.71	4.65	0.834	10.47	11.00	0.549	3.78	3.63	0.681
Louisiana	4.25	4.57	0.313	8.07 ^a	10.05	0.021	3.62	3.70	0.832
Maine	3.99 ^a	4.81	0.012	9.98 ^a	12.93	0.002	3.19	3.76	0.121
Maryland	4.00	4.07	0.785	9.04 ^b	10.78	0.051	3.23	3.07	0.626
Massachusetts	4.57	4.92	0.246	10.07	11.46	0.142	3.63	3.81	0.589
Michigan	3.99	4.13	0.551	9.33 ^a	10.75	0.027	3.10	3.04	0.835
Minnesota	4.52	4.59	0.830	10.17 ^a	12.44	0.020	3.63	3.36	0.415
Mississippi	4.01 ^a	4.82	0.014	8.54 ^a	11.21	0.003	3.22	3.73	0.160
Missouri	4.04 ^a	4.72	0.019	9.75 ^a	11.91	0.017	3.11	3.58	0.139
Montana	4.91	5.21	0.412	11.26	12.74	0.141	3.90	4.03	0.737

See notes at end of table.

(continued)

Table 30 Had Serious Thoughts of Suicide in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	18+ (2016-2017)	18+ (2017-2018)	18+ (P Value)	18-25 (2016-2017)	18-25 (2017-2018)	18-25 (P Value)	26+ (2016-2017)	26+ (2017-2018)	26+ (P Value)
Nebraska	4.05	4.29	0.425	9.21	10.72	0.102	3.13	3.16	0.926
Nevada	4.62	4.65	0.915	10.40	12.05	0.106	3.78	3.61	0.644
New Hampshire	4.89	4.91	0.950	10.87	12.23	0.207	3.97	3.80	0.667
New Jersey	3.41	3.47	0.792	9.14	9.83	0.394	2.56	2.54	0.947
New Mexico	4.01	4.25	0.471	8.78 ^a	10.74	0.047	3.23	3.20	0.926
New York	3.68	3.63	0.791	9.22	9.52	0.629	2.79	2.70	0.713
North Carolina	4.57	4.57	0.998	9.67 ^b	11.02	0.076	3.77	3.56	0.523
North Dakota	4.57	5.11	0.109	10.07 ^a	12.06	0.040	3.43	3.72	0.420
Ohio	4.56 ^a	5.18	0.020	10.09 ^a	11.99	0.011	3.68	4.11	0.155
Oklahoma	4.10	4.53	0.144	9.03 ^a	11.21	0.016	3.25	3.41	0.633
Oregon	5.18	5.36	0.659	11.01	12.50	0.128	4.32	4.32	0.997
Pennsylvania	4.28	4.17	0.644	9.30	10.32	0.138	3.51	3.24	0.318
Rhode Island	4.78	4.66	0.698	10.62	11.11	0.592	3.73	3.53	0.546
South Carolina	4.11 ^a	4.90	0.024	9.27 ^a	11.68	0.007	3.31	3.87	0.141
South Dakota	4.40	4.21	0.528	9.85 ^a	12.35	0.010	3.48 ^b	2.86	0.057
Tennessee	4.50	4.48	0.959	9.29	10.69	0.127	3.74	3.52	0.568
Texas	3.72	3.66	0.751	9.31	9.10	0.706	2.72	2.70	0.939
Utah	5.99	6.47	0.235	12.23	13.74	0.150	4.60	4.85	0.571
Vermont	5.31	5.22	0.820	11.29	12.12	0.451	4.27	4.03	0.583
Virginia	4.20	4.16	0.869	9.26	10.33	0.193	3.40	3.19	0.461
Washington	5.06	5.30	0.582	10.08	11.48	0.125	4.30	4.39	0.850
West Virginia	4.75	5.26	0.175	10.01 ^b	11.60	0.098	3.99	4.35	0.377
Wisconsin	4.60	5.17	0.118	10.87	12.16	0.182	3.57	4.05	0.244
Wyoming	4.39 ^a	5.04	0.050	10.57 ^a	12.84	0.021	3.41	3.84	0.233

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Respondents were asked, "At any time in the past 12 months, did you seriously think about trying to kill yourself?" If they answered "Yes," they were categorized as having serious thoughts of suicide in the past year.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Table 31 Major Depressive Episode in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs

State	18+ (2016-2017)	18+ (2017-2018)	18+ (P Value)	12-17 (2016-2017)	12-17 (2017-2018)	12-17 (P Value)	18-25 (2016-2017)	18-25 (2017-2018)	18-25 (P Value)	26+ (2016-2017)	26+ (2017-2018)	26+ (P Value)
Total U.S.	6.89 ^a	7.14	0.025	13.01 ^a	13.84	0.001	11.95 ^a	13.40	0.000	6.07	6.14	0.563
Northeast	6.76	6.76	0.966	12.14	12.34	0.624	11.77 ^a	12.84	0.015	5.96	5.82	0.495
Midwest	7.24 ^a	7.76	0.002	13.93 ^a	14.75	0.030	12.61 ^a	14.26	0.000	6.35 ^b	6.70	0.063
South	6.66	6.80	0.359	12.39 ^a	13.44	0.002	10.91 ^a	12.51	0.000	5.98	5.91	0.646
West	7.05 ^b	7.39	0.080	13.79 ^a	14.71	0.034	13.11 ^a	14.44	0.003	6.05	6.26	0.337
Alabama	7.24 ^a	8.37	0.032	11.90	13.13	0.254	10.47	11.59	0.232	6.72 ^b	7.86	0.057
Alaska	7.69	8.05	0.477	14.27	15.21	0.440	13.28	14.25	0.345	6.76	7.05	0.602
Arizona	6.53	7.16	0.139	13.06 ^a	15.93	0.013	10.62 ^a	13.22	0.007	5.86	6.17	0.518
Arkansas	8.19	8.24	0.923	13.36	14.74	0.221	12.24 ^b	13.94	0.064	7.53	7.32	0.706
California	6.48	6.72	0.392	13.23	13.71	0.490	13.14	13.91	0.249	5.36	5.54	0.561
Colorado	7.70	8.56	0.107	13.89	13.99	0.929	15.01 ^a	17.61	0.021	6.51	7.13	0.308
Connecticut	6.97	7.02	0.927	13.16	14.24	0.317	13.10	13.69	0.549	5.98	5.94	0.941
Delaware	7.07 ^b	8.03	0.064	11.58	13.05	0.175	11.82 ^b	13.49	0.074	6.37	7.25	0.142
District of Columbia	7.89	8.25	0.446	10.49	10.53	0.964	12.25	13.17	0.400	7.04	7.35	0.559
Florida	6.20	6.14	0.862	13.09	13.17	0.908	11.15 ^b	12.33	0.099	5.52	5.31	0.560
Georgia	6.90	7.09	0.620	11.44	12.52	0.245	10.48 ^a	13.65	0.000	6.30	6.01	0.520
Hawaii	5.67	6.22	0.187	11.97	12.93	0.379	11.22	11.82	0.522	4.91	5.48	0.221
Idaho	8.32	8.43	0.817	16.22	16.70	0.698	14.15 ^a	16.79	0.020	7.35	7.05	0.582
Illinois	6.30	6.80	0.130	14.00	14.86	0.317	11.59 ^a	13.39	0.018	5.44	5.76	0.393
Indiana	7.98	8.65	0.158	13.77 ^b	15.71	0.092	13.52	14.68	0.256	7.02	7.62	0.279
Iowa	7.73	8.27	0.276	14.10	15.09	0.415	12.94	13.52	0.569	6.80	7.34	0.349
Kansas	7.58	7.51	0.890	13.84	14.95	0.315	11.87	13.05	0.231	6.81	6.54	0.613
Kentucky	7.87	8.42	0.279	11.94	13.61	0.114	12.09	12.88	0.420	7.19	7.71	0.370
Louisiana	7.17 ^a	8.24	0.021	10.76 ^a	12.84	0.043	8.80 ^a	12.46	0.000	6.90	7.57	0.208
Maine	7.48	8.26	0.131	15.07	15.45	0.746	15.31 ^b	17.09	0.095	6.44	7.12	0.230
Maryland	6.93	6.37	0.182	12.91	13.02	0.918	12.93	13.72	0.433	6.02	5.27	0.129
Massachusetts	7.56	7.21	0.426	13.60	13.86	0.809	14.11	14.30	0.865	6.44	6.01	0.378
Michigan	7.13	7.44	0.393	13.87 ^b	15.36	0.077	11.85 ^a	13.46	0.037	6.34	6.45	0.789
Minnesota	6.77	7.42	0.166	13.56	14.04	0.673	15.20 ^b	17.21	0.089	5.44	5.89	0.387
Mississippi	7.02	7.75	0.123	11.56	12.15	0.540	10.08 ^b	11.74	0.052	6.49	7.08	0.289
Missouri	7.96 ^a	9.07	0.034	14.57	14.78	0.859	11.87	13.35	0.136	7.33 ^b	8.39	0.076
Montana	7.94	7.81	0.776	14.07	14.40	0.771	13.90	15.39	0.143	6.99	6.62	0.479

See notes at end of table.

(continued)

Table 31 Major Depressive Episode in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2016-2017 and 2017-2018 NSDUHs (continued)

State	18+ (2016-2017)	18+ (2017-2018)	18+ (P Value)	12-17 (2016-2017)	12-17 (2017-2018)	12-17 (P Value)	18-25 (2016-2017)	18-25 (2017-2018)	18-25 (P Value)	26+ (2016-2017)	26+ (2017-2018)	26+ (P Value)
Nebraska	6.64	6.82	0.678	13.01	14.20	0.282	11.60 ^b	13.55	0.060	5.76	5.64	0.795
Nevada	6.74	7.05	0.477	14.97	15.11	0.904	12.79 ^a	15.00	0.049	5.86	5.93	0.884
New Hampshire	8.29	8.17	0.819	13.91	15.08	0.287	14.23	15.07	0.469	7.37	7.12	0.672
New Jersey	6.05	5.58	0.224	11.17	11.95	0.399	10.03 ^b	11.65	0.091	5.46 ^b	4.70	0.075
New Mexico	6.63	7.25	0.204	14.88 ^a	17.43	0.037	11.18 ^a	14.19	0.008	5.88	6.13	0.651
New York	6.49	6.43	0.853	11.46	11.40	0.932	10.70	11.71	0.184	5.80	5.60	0.564
North Carolina	6.72	7.00	0.499	12.03 ^a	15.05	0.003	10.35 ^a	12.83	0.002	6.15	6.09	0.897
North Dakota	7.10 ^a	8.40	0.006	12.13	13.75	0.144	11.86 ^a	14.05	0.031	6.13 ^a	7.28	0.032
Ohio	7.56	8.00	0.258	14.35	13.73	0.448	12.63 ^a	14.83	0.005	6.76	6.93	0.694
Oklahoma	7.75	8.17	0.397	13.86 ^a	16.48	0.025	11.81 ^a	14.65	0.007	7.06	7.08	0.969
Oregon	8.49	8.86	0.483	16.34	17.57	0.329	15.16	15.32	0.896	7.49	7.92	0.478
Pennsylvania	6.82	7.27	0.180	12.23	11.88	0.667	12.13 ^b	13.54	0.056	6.01	6.32	0.403
Rhode Island	7.41	8.06	0.205	13.30	13.40	0.927	12.06	12.56	0.618	6.57	7.27	0.238
South Carolina	6.76	6.99	0.608	12.31	13.56	0.265	10.70 ^b	12.34	0.054	6.15	6.18	0.951
South Dakota	6.73	6.41	0.453	12.56	12.53	0.980	13.06 ^b	15.11	0.070	5.66	4.96	0.154
Tennessee	7.18	6.94	0.564	12.79	12.27	0.605	12.34	12.59	0.799	6.37	6.06	0.523
Texas	5.76	5.89	0.621	12.19	13.20	0.178	9.89 ^a	11.41	0.017	5.02	4.93	0.758
Utah	9.06 ^b	9.97	0.077	15.48	16.64	0.375	14.95	16.09	0.311	7.75	8.61	0.155
Vermont	7.60 ^b	8.52	0.076	12.83	14.65	0.101	14.33	15.96	0.164	6.43	7.24	0.162
Virginia	6.77	6.26	0.198	13.22	14.28	0.281	12.35	12.74	0.644	5.88	5.24	0.159
Washington	8.52	8.53	0.975	13.98	15.66	0.153	12.50 ^b	14.42	0.065	7.91	7.66	0.691
West Virginia	8.52	8.81	0.601	14.05	14.66	0.615	13.06	14.69	0.135	7.86	7.98	0.852
Wisconsin	7.50	8.14	0.165	13.66	15.31	0.135	13.99	15.30	0.204	6.44	6.99	0.299
Wyoming	7.15	6.98	0.709	14.20	14.91	0.549	12.85	14.14	0.220	6.25	5.89	0.483

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes significance levels for the null hypothesis of no change between the 2016-2017 and 2017-2018 population percentages. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Major depressive episode (MDE) is defined as in the 5th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-5), which specifies a period of at least 2 weeks when an individual experienced a depressed mood or loss of interest or pleasure in daily activities and had a majority of specified depression symptoms. For details, see Section B of the "2017-2018 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

NOTE: There are minor wording differences in the questions in the adult and adolescent MDE modules. Therefore, data from youths aged 12 to 17 were not combined with data from adults aged 18 or older to produce an estimate for those aged 12 or older.

^a Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2016-2017 and 2017-2018 population percentages is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016, 2017, and 2018.

Methodology Used to Estimate the Bayes Significance Level for the Null Hypothesis of No Change between the 2016-2017 and 2017-2018 Population Percentages

Comparisons between the state population percentages displayed in [Tables 1 to 31](#) in this document are based on the 2016 through 2018 National Surveys on Drug Use and Health (NSDUHs). The moving average state estimates for the overlapping 2016-2017 and 2017-2018 time periods were obtained from independent applications of the survey-weighted hierarchical Bayes (SWHB) methodology; that is, the 2017-2018 models were fit independently of the previously fitted 2016-2017 models. This independent analysis approach was followed because there was no desire to revise the previously published 2016-2017 estimates. The same fixed predictor variables were used in the 2016-2017 and 2017-2018 models, but annual updates were made when more current versions were available.¹ The age group-specific fixed predictor variables were defined at five levels (namely, the person level, census block group level, tract level, county level, and state level). Also, each age group model had 51 state-level random effects and 250 "within-state" area-level random effects.¹

To estimate change in state population percentages, let $\pi_{sa(1)}$ and $\pi_{sa(2)}$ denote the 2016-2017 and 2017-2018 prevalence rates, respectively, for state- s and age group- a . The change between $\pi_{sa(1)}$ and $\pi_{sa(2)}$ is defined in terms of the log-odds ratio (lor_{sa}) as opposed to the simple difference because the posterior distribution of the lor_{sa} is closer to Gaussian than the posterior distribution of the simple difference ($\pi_{sa(2)} - \pi_{sa(1)}$). The lor_{sa} is defined as

$$lor_{sa} = \ln \left[\frac{\pi_{sa(2)} / (1 - \pi_{sa(2)})}{\pi_{sa(1)} / (1 - \pi_{sa(1)})} \right],$$

where \ln denotes the natural logarithm. The p value given is computed to test the null hypothesis of no change (i.e., $\pi_{sa(2)} = \pi_{sa(1)}$ or equivalently $lor_{sa} = 0$). An estimate of lor_{sa} is given by

$$\hat{lor}_{sa} = \ln \left[\frac{p_{sa(2)} / (1 - p_{sa(2)})}{p_{sa(1)} / (1 - p_{sa(1)})} \right],$$

¹ For details, see Section B in the "2017-2018 National Survey on Drug Use and Health: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

where the $p_{sa(1)}$ represents the previously published 2016-2017 state estimates and the $p_{sa(2)}$ represents the 2017-2018 state estimates. To compute the variance of $\hat{l}or_{sa}$, that is, $v(\hat{l}or_{sa})$, let

$$\hat{\theta}_1 = \frac{p_{sa(1)}}{1 - p_{sa(1)}} \text{ and } \hat{\theta}_2 = \frac{p_{sa(2)}}{1 - p_{sa(2)}}, \text{ then}$$

$$v(\hat{l}or_{sa}) = v[\ln(\hat{\theta}_1)] + v[\ln(\hat{\theta}_2)] - 2 \text{ cov}[\ln(\hat{\theta}_1), \ln(\hat{\theta}_2)],$$

where $\text{cov}[\ln(\hat{\theta}_1), \ln(\hat{\theta}_2)]$ denotes the covariance between $\ln(\hat{\theta}_1)$ and $\ln(\hat{\theta}_2)$. This covariance is defined in terms of the associated correlation as follows:

$$\text{cov}[\ln(\hat{\theta}_1), \ln(\hat{\theta}_2)] = \text{correlation} [\ln(\hat{\theta}_1), \ln(\hat{\theta}_2)] \times \sqrt{v[\ln(\hat{\theta}_1)] \times v[\ln(\hat{\theta}_2)]}.$$

Note that $v[\ln(\hat{\theta}_1)]$ and $v[\ln(\hat{\theta}_2)]$ used here to calculate $v(\hat{l}or_{sa})$ are the same variances used in calculating the previously published 2016-2017 Bayesian confidence intervals and the 2017-2018 Bayesian confidence intervals, respectively.

The correlation between $\ln(\hat{\theta}_1)$ and $\ln(\hat{\theta}_2)$ was obtained by simultaneously modeling the 2016, 2017, and 2018 NSDUH data. Note that these models used the same predictors employed in the 2017-2018 small area estimation model for all 3 years. This simultaneous modeling approach was adopted based on the results of the validation study² conducted for measuring change in the 1999-2000 and 2000-2001 state population percentages. For this simultaneous model, four age groups (12 to 17, 18 to 25, 26 to 34, and 35 or older) by 3 years (2016, 2017, and 2018), that is, 12 subpopulation-specific models, were fitted, each with its own set of fixed and random effects. In this case, the general covariance matrices for the state and within-state random effects were 12×12 matrices corresponding to the 12 element (age group \times year) vectors of random effects. Note that the survey-weighted, Bernoulli-type log likelihood employed in the SWHB methodology was appropriate for this simultaneous model because the 12 age group \times year subpopulations were nonoverlapping. The correlation $[\ln(\hat{\theta}_1), \ln(\hat{\theta}_2)]$ was approximated by the correlation calculated using the posterior distributions of $\ln[\pi_{sa(1)} / (1 - \pi_{sa(1)})]$ and $\ln[\pi_{sa(2)} / (1 - \pi_{sa(2)})]$ from the simultaneous model.

To calculate the p value for testing the null hypothesis of no difference ($lor=0$), it is assumed that the posterior distribution of lor is normal with $mean = \hat{l}or_{sa}$ and $variance = v(\hat{l}or_{sa})$. With the null value ($lor_0 = 0$), the Bayes p value or significance level for the null hypothesis of no difference is $p \text{ value} = 2 * P[Z \geq abs(z)]$, where Z is a standard normal random variate,

² See Appendix E, Section E.2, of the following report: Wright, D. (2003). *State estimates of substance use from the 2001 National Household Survey on Drug Abuse: Volume II. Individual state tables and technical appendices* (HHS Publication No. SMA 03-3826, NHSDA Series H-20). Rockville, MD: Substance Abuse and Mental Health Services Administration, Office of Applied Studies.

$z = \frac{\hat{l}or_{sa}}{\sqrt{v(\hat{l}or_{sa})}}$, and $abs(z)$ denotes the absolute value of z . This Bayesian significance level (or

p value) for the null value of lor , say lor_0 , is defined following Rubin³ as the posterior probability for the collection of the lor values that are less likely or have smaller posterior density $d(lor)$ than the null (no change) value lor_0 . That is,

$p\ value(lor_0) = probability[d(lor) \leq d(lor_0)]$. With the posterior distribution of lor approximately normal, $p\ value(lor_0)$ is given by the above expression.

³ See the following reference: Rubin, D. B. (1987). *Multiple imputation for nonresponse in surveys* (Wiley Series in Probability and Mathematical Statistics: Applied Probability and Statistics). New York, NY: John Wiley & Sons.

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