

# **National Survey on Drug Use and Health: Comparison of 2002-2003 and 2011-2012 Model-Based Prevalence Estimates (50 States and the District of Columbia)**

NOTE: The methodology used to conduct significance testing for State estimates between the 2002-2003 and the 2011-2012 NSDUHs and to calculate  $p$  values is provided after [Table 22](#).

**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, 2002-2003 and 2011-2012 NSDUHs**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Total U.S.	8.25 <sup>a</sup>	8.95	0.000	11.44 <sup>a</sup>	9.82	0.000	20.24 <sup>a</sup>	21.39	0.005	5.72 <sup>a</sup>	6.69	0.000
Northeast	8.45 <sup>a</sup>	9.39	0.004	11.87 <sup>a</sup>	9.90	0.000	23.71	23.59	0.874	5.58 <sup>a</sup>	6.95	0.001
Midwest	7.96 <sup>a</sup>	8.67	0.003	11.11 <sup>a</sup>	9.46	0.000	19.93	20.74	0.166	5.38 <sup>a</sup>	6.51	0.000
South	7.64	7.64	0.992	11.03 <sup>a</sup>	9.06	0.000	18.82	19.01	0.728	5.23	5.51	0.306
West	9.32 <sup>a</sup>	10.93	0.000	12.04	11.26	0.171	20.06 <sup>a</sup>	23.97	0.000	6.96 <sup>a</sup>	8.55	0.001
Alabama	6.62	7.72	0.122	9.65	8.99	0.597	15.94	17.51	0.355	4.57	5.85	0.134
Alaska	12.01 <sup>b</sup>	14.03	0.095	13.34 <sup>b</sup>	10.69	0.089	27.29	26.52	0.749	9.17 <sup>b</sup>	12.17	0.053
Arizona	8.87	9.57	0.444	12.61	11.44	0.462	18.88	20.67	0.382	6.53	7.39	0.428
Arkansas	7.78	7.55	0.753	11.72 <sup>b</sup>	9.18	0.067	21.05 <sup>b</sup>	17.56	0.074	4.89	5.64	0.389
California	9.01 <sup>a</sup>	11.00	0.001	11.44	11.18	0.766	18.83 <sup>a</sup>	24.35	0.000	6.86 <sup>a</sup>	8.48	0.024
Colorado	11.12	12.24	0.301	13.83	13.17	0.694	25.52 <sup>b</sup>	29.75	0.089	8.24	9.18	0.464
Connecticut	8.75	9.58	0.323	12.43	10.34	0.152	25.58	25.68	0.966	5.82	6.97	0.243
Delaware	8.74	9.36	0.435	13.54	11.79	0.263	25.77	23.09	0.247	5.19 <sup>b</sup>	6.74	0.080
District of Columbia	11.59	13.51	0.104	11.54	12.59	0.506	26.23	26.97	0.763	8.71	10.42	0.219
Florida	8.72	8.32	0.449	11.42 <sup>a</sup>	9.10	0.005	21.32	21.25	0.959	6.58	6.27	0.616
Georgia	7.54	7.43	0.882	10.43	9.66	0.574	17.51	18.52	0.608	5.31	5.14	0.840
Hawaii	8.90	9.71	0.421	13.97	11.64	0.189	19.31	22.20	0.194	6.56	7.56	0.408
Idaho	7.24	7.17	0.925	11.02	9.00	0.125	15.80	16.34	0.769	4.86	5.27	0.629
Illinois	7.50 <sup>a</sup>	8.73	0.011	10.83 <sup>a</sup>	8.73	0.006	20.22 <sup>b</sup>	22.33	0.071	4.80 <sup>a</sup>	6.42	0.005
Indiana	8.07	8.50	0.587	10.15	8.90	0.359	20.67	20.46	0.918	5.45	6.32	0.337
Iowa	6.47	7.45	0.168	9.22	8.53	0.596	15.80 <sup>b</sup>	18.95	0.098	4.33	5.28	0.259
Kansas	6.74 <sup>a</sup>	5.43	0.043	9.33 <sup>b</sup>	7.27	0.093	16.67 <sup>b</sup>	13.54	0.075	4.43	3.72	0.340
Kentucky	8.33	7.21	0.138	11.70 <sup>a</sup>	7.89	0.004	18.43	19.13	0.719	6.15	5.16	0.264
Louisiana	8.07 <sup>b</sup>	6.96	0.098	10.76 <sup>a</sup>	7.55	0.008	20.54 <sup>a</sup>	16.08	0.013	5.17	5.20	0.966
Maine	9.31	9.95	0.501	12.58	10.81	0.231	25.20	24.28	0.683	6.52	7.82	0.240
Maryland	7.57	7.30	0.698	10.76	9.13	0.220	22.02	19.22	0.186	4.85	5.10	0.749
Massachusetts	9.28 <sup>b</sup>	10.94	0.075	13.94	12.29	0.276	27.46	27.24	0.927	5.81 <sup>b</sup>	7.91	0.057
Michigan	9.06 <sup>a</sup>	10.89	0.001	12.80	11.67	0.205	21.22 <sup>a</sup>	23.76	0.027	6.42 <sup>a</sup>	8.58	0.001
Minnesota	7.59	8.27	0.383	11.59	9.40	0.114	19.28	19.18	0.965	4.91	6.35	0.109
Mississippi	6.56 <sup>b</sup>	7.78	0.074	10.59	9.17	0.301	16.33	18.08	0.341	3.98 <sup>a</sup>	5.70	0.036
Missouri	9.17 <sup>a</sup>	7.46	0.037	10.05	9.59	0.727	21.37	19.41	0.334	6.90 <sup>b</sup>	5.17	0.071
Montana	10.58	11.54	0.328	15.57 <sup>a</sup>	11.98	0.026	22.34 <sup>a</sup>	28.10	0.011	7.77	8.80	0.392

(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, 2002-2003 and 2011-2012 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Nebraska	7.67	6.72	0.154	12.71 <sup>a</sup>	8.16	0.001	18.91	16.76	0.238	4.78	4.78	1.000
Nevada	10.30	11.07	0.481	12.46	11.19	0.434	22.02	23.14	0.629	8.17	9.11	0.473
New Hampshire	11.15	10.34	0.429	14.46 <sup>b</sup>	11.74	0.089	29.61	28.78	0.733	7.82	7.29	0.658
New Jersey	6.97	7.99	0.180	10.42	9.20	0.386	21.36	22.89	0.484	4.48	5.60	0.190
New Mexico	10.00	11.28	0.230	14.16	13.51	0.722	22.17	24.45	0.332	7.08	8.71	0.217
New York	8.90	9.73	0.142	11.68 <sup>a</sup>	9.37	0.006	23.89	23.56	0.799	6.07 <sup>b</sup>	7.34	0.061
North Carolina	7.92	7.85	0.923	13.62 <sup>a</sup>	9.65	0.008	20.35	21.59	0.567	5.09	5.37	0.739
North Dakota	7.22	6.25	0.187	11.64 <sup>a</sup>	6.75	0.000	18.02	16.02	0.300	4.35	4.12	0.775
Ohio	8.04 <sup>a</sup>	9.53	0.002	11.39 <sup>a</sup>	9.83	0.050	20.64	22.06	0.218	5.42 <sup>a</sup>	7.42	0.001
Oklahoma	8.58	8.36	0.810	12.23 <sup>a</sup>	9.24	0.041	18.97	17.60	0.494	6.06	6.59	0.625
Oregon	10.84 <sup>a</sup>	13.86	0.009	12.30	11.73	0.710	24.72	27.79	0.176	8.30 <sup>a</sup>	11.89	0.011
Pennsylvania	7.50	8.05	0.253	11.28 <sup>a</sup>	8.89	0.003	20.54	19.58	0.413	4.91 <sup>b</sup>	6.02	0.054
Rhode Island	10.95 <sup>a</sup>	15.61	0.000	13.25	15.16	0.306	32.44	32.88	0.860	6.75 <sup>a</sup>	12.33	0.000
South Carolina	7.23 <sup>a</sup>	8.90	0.030	11.05	10.16	0.525	19.54	21.31	0.372	4.54 <sup>a</sup>	6.64	0.019
South Dakota	7.15	7.01	0.852	13.26 <sup>a</sup>	7.67	0.000	17.92	14.87	0.114	4.13	5.57	0.113
Tennessee	6.70	7.13	0.553	9.23	8.46	0.546	16.16	18.03	0.346	4.78	5.17	0.643
Texas	6.97	7.05	0.857	10.18	8.97	0.122	16.54	16.91	0.732	4.59	4.91	0.533
Utah	6.32	6.01	0.644	8.76 <sup>b</sup>	6.73	0.098	12.69	13.05	0.828	4.00	4.25	0.757
Vermont	10.96 <sup>a</sup>	14.14	0.005	16.67	15.46	0.520	29.58	33.32	0.140	6.99 <sup>a</sup>	10.72	0.007
Virginia	7.68	7.46	0.765	11.88 <sup>a</sup>	8.52	0.014	20.53	20.22	0.876	5.03	5.15	0.884
Washington	9.96 <sup>a</sup>	11.92	0.045	13.49	12.19	0.397	24.65	25.90	0.569	6.96 <sup>a</sup>	9.57	0.028
West Virginia	6.61	6.99	0.557	11.70 <sup>a</sup>	8.73	0.028	17.37 <sup>b</sup>	20.96	0.063	4.29	4.73	0.545
Wisconsin	7.48	8.18	0.348	10.73	9.68	0.460	18.85	19.98	0.567	4.98	6.04	0.227
Wyoming	7.51	7.01	0.522	10.05	8.04	0.124	18.36 <sup>b</sup>	14.99	0.087	5.07	5.51	0.628

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2011-2012 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically, including data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006. See Section B.4.8 in Appendix B of the *Results from the 2008 National Survey on Drug Use and Health: National Findings*.

<sup>a</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2011, and 2012.

**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, 2002-2003 and 2011-2012 NSDUHs***

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Total U.S.	10.78 <sup>a</sup>	11.83	0.000	15.38 <sup>a</sup>	13.86	0.000	29.13 <sup>a</sup>	31.12	0.000	6.95 <sup>a</sup>	8.25	0.000
Northeast	11.69 <sup>a</sup>	12.93	0.001	16.39 <sup>a</sup>	14.48	0.001	33.77 <sup>a</sup>	35.58	0.046	7.58 <sup>a</sup>	8.95	0.001
Midwest	10.80 <sup>a</sup>	11.50	0.011	15.46 <sup>a</sup>	13.22	0.000	29.83	30.95	0.112	6.75 <sup>a</sup>	7.97	0.000
South	9.62 <sup>b</sup>	10.10	0.055	14.64 <sup>a</sup>	12.60	0.000	25.90 <sup>a</sup>	27.78	0.005	6.09 <sup>a</sup>	6.74	0.021
West	11.84 <sup>a</sup>	14.04	0.000	15.63	15.94	0.649	29.86 <sup>a</sup>	33.10	0.001	7.99 <sup>a</sup>	10.36	0.000
Alabama	8.35	9.06	0.337	12.75	10.86	0.175	23.79	23.54	0.904	5.03	6.29	0.117
Alaska	16.65 <sup>b</sup>	19.28	0.065	18.87	17.03	0.337	38.90	38.20	0.787	12.46 <sup>a</sup>	16.07	0.043
Arizona	10.48	11.78	0.162	16.96	14.41	0.159	27.54	29.20	0.475	6.46 <sup>b</sup>	8.41	0.056
Arkansas	10.22	9.40	0.331	15.76 <sup>a</sup>	12.23	0.025	28.89 <sup>b</sup>	25.10	0.098	6.15	6.37	0.812
California	11.33 <sup>a</sup>	14.02	0.000	14.11 <sup>a</sup>	16.14	0.047	28.29 <sup>a</sup>	33.50	0.000	7.81 <sup>a</sup>	10.09	0.002
Colorado	15.08	16.22	0.342	19.55	17.64	0.336	36.57	39.39	0.257	10.73	12.14	0.306
Connecticut	11.78 <sup>b</sup>	13.64	0.062	17.58	16.19	0.458	38.82	38.95	0.961	7.09 <sup>a</sup>	9.36	0.042
Delaware	11.65 <sup>a</sup>	14.09	0.011	18.20	16.70	0.407	33.24 <sup>a</sup>	38.92	0.028	7.09 <sup>a</sup>	9.55	0.019
District of Columbia	15.09 <sup>a</sup>	19.75	0.000	14.83	17.23	0.178	37.61 <sup>b</sup>	42.29	0.076	10.68 <sup>a</sup>	14.64	0.010
Florida	11.36	11.07	0.649	16.13 <sup>a</sup>	12.99	0.002	29.83	31.36	0.269	8.13	7.79	0.632
Georgia	9.61	9.74	0.871	14.20	12.52	0.278	23.85	26.12	0.310	6.36	6.44	0.933
Hawaii	11.56	13.33	0.120	18.09	16.60	0.472	30.20	31.51	0.605	7.70 <sup>b</sup>	10.14	0.061
Idaho	9.26	9.60	0.686	14.63	12.97	0.302	24.37	24.02	0.876	5.27	6.54	0.150
Illinois	9.99 <sup>a</sup>	11.41	0.007	14.46 <sup>b</sup>	12.71	0.061	29.61 <sup>a</sup>	32.34	0.046	5.90 <sup>a</sup>	7.69	0.003
Indiana	10.33	10.79	0.594	13.95	11.93	0.185	28.44	29.26	0.713	6.48	7.36	0.354
Iowa	9.32	10.33	0.217	13.39	12.52	0.573	25.88	29.24	0.154	5.63	6.72	0.213
Kansas	9.08	8.38	0.364	13.24	11.62	0.281	25.44	23.98	0.508	5.29	5.12	0.836
Kentucky	10.30	9.49	0.318	16.32 <sup>a</sup>	11.74	0.003	26.21	26.62	0.847	6.78	6.40	0.661
Louisiana	9.82	9.82	0.994	13.02 <sup>b</sup>	10.67	0.079	27.52	24.69	0.169	5.78	6.97	0.172
Maine	12.34 <sup>b</sup>	14.26	0.071	18.76 <sup>b</sup>	15.57	0.071	37.34	36.14	0.628	7.80 <sup>a</sup>	11.03	0.008
Maryland	10.54	10.50	0.965	14.75	13.98	0.641	30.31	33.25	0.219	6.84	6.31	0.560
Massachusetts	15.45	15.41	0.977	20.15	17.81	0.204	38.19	40.51	0.376	11.24	10.72	0.701
Michigan	12.61 <sup>a</sup>	13.87	0.043	17.03 <sup>a</sup>	15.00	0.044	32.38	34.41	0.125	8.55 <sup>a</sup>	10.20	0.028
Minnesota	11.40	11.82	0.653	17.30 <sup>a</sup>	13.64	0.028	30.34	33.77	0.180	7.13	7.99	0.391
Mississippi	7.98 <sup>b</sup>	9.29	0.079	11.01	11.11	0.943	22.06	24.82	0.202	4.68 <sup>b</sup>	6.20	0.059
Missouri	11.91 <sup>b</sup>	10.28	0.052	16.15 <sup>b</sup>	13.32	0.064	31.48	28.55	0.195	7.87	6.79	0.243
Montana	13.83 <sup>a</sup>	16.03	0.048	21.07	18.86	0.254	35.15	38.22	0.205	9.00 <sup>a</sup>	12.10	0.016

(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, 2002-2003 and 2011-2012 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Nebraska	10.39	9.20	0.137	16.42 <sup>a</sup>	12.20	0.012	27.17	25.98	0.600	6.29	5.87	0.626
Nevada	12.01 <sup>a</sup>	14.44	0.036	19.67	16.90	0.181	29.02	31.99	0.244	8.31 <sup>a</sup>	11.30	0.022
New Hampshire	16.30	14.61	0.190	20.52	17.85	0.185	44.61	42.36	0.383	11.31	9.88	0.343
New Jersey	8.64 <sup>a</sup>	10.39	0.028	14.03	13.21	0.609	29.40 <sup>b</sup>	33.78	0.082	5.00 <sup>b</sup>	6.52	0.065
New Mexico	12.30 <sup>a</sup>	14.43	0.047	19.03	19.22	0.930	33.80	32.98	0.763	7.24 <sup>a</sup>	10.59	0.006
New York	12.22 <sup>a</sup>	13.51	0.040	15.98 <sup>a</sup>	13.86	0.035	33.60	34.87	0.366	8.20 <sup>a</sup>	9.71	0.043
North Carolina	9.83	10.34	0.545	16.97 <sup>b</sup>	13.73	0.063	26.70 <sup>b</sup>	30.83	0.080	6.05	6.56	0.578
North Dakota	9.81	9.66	0.856	16.18 <sup>a</sup>	11.26	0.003	28.80	27.25	0.510	4.95	5.73	0.337
Ohio	10.91 <sup>a</sup>	12.68	0.001	15.33	14.10	0.195	30.34	31.90	0.239	6.96 <sup>a</sup>	9.33	0.000
Oklahoma	9.50	10.42	0.281	15.34 <sup>b</sup>	12.34	0.068	25.47	25.47	0.999	5.60 <sup>a</sup>	7.47	0.045
Oregon	13.78 <sup>a</sup>	17.47	0.002	17.38	16.74	0.729	36.44	37.91	0.563	9.47 <sup>a</sup>	14.30	0.001
Pennsylvania	9.88 <sup>a</sup>	11.12	0.023	15.24 <sup>a</sup>	12.90	0.015	29.95	31.93	0.161	5.95 <sup>a</sup>	7.43	0.019
Rhode Island	15.22 <sup>a</sup>	19.47	0.001	18.29	20.11	0.379	45.71	46.03	0.903	9.29 <sup>a</sup>	14.26	0.001
South Carolina	9.67 <sup>a</sup>	11.51	0.030	13.44	13.82	0.807	27.75	30.67	0.187	5.96 <sup>a</sup>	7.97	0.035
South Dakota	9.83	10.03	0.809	17.65 <sup>a</sup>	11.66	0.000	28.35	25.92	0.313	5.02 <sup>a</sup>	7.06	0.020
Tennessee	7.36 <sup>a</sup>	8.91	0.039	12.15	11.13	0.486	21.07 <sup>b</sup>	24.80	0.092	4.44 <sup>a</sup>	6.03	0.045
Texas	8.56 <sup>b</sup>	9.34	0.081	13.91 <sup>b</sup>	12.33	0.087	22.28 <sup>b</sup>	24.64	0.052	5.01 <sup>a</sup>	6.01	0.050
Utah	8.17	7.68	0.516	11.08	9.93	0.437	20.77	18.66	0.301	3.93	4.75	0.295
Vermont	15.93 <sup>a</sup>	19.29	0.007	22.69	21.50	0.574	44.56	46.99	0.369	10.10 <sup>a</sup>	14.32	0.004
Virginia	9.69	10.32	0.434	15.47	13.73	0.290	29.57	30.39	0.733	5.68	6.48	0.348
Washington	13.50 <sup>b</sup>	15.40	0.076	17.64	16.49	0.514	36.16	36.23	0.977	9.05 <sup>a</sup>	11.82	0.026
West Virginia	9.16	9.99	0.292	16.92 <sup>a</sup>	13.13	0.020	27.87	29.73	0.414	5.24 <sup>b</sup>	6.72	0.083
Wisconsin	10.01	10.35	0.688	15.84 <sup>a</sup>	12.44	0.040	30.00	29.27	0.749	5.61	6.95	0.134
Wyoming	10.45	10.88	0.644	14.46	13.21	0.450	28.79	27.38	0.557	6.38	7.73	0.186

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2011-2012 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

<sup>a</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2011, and 2012.

**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, 2002-2003 and 2011-2012 NSDUHs**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Total U.S.	6.18 <sup>a</sup>	7.13	0.000	8.03 <sup>a</sup>	7.55	0.038	17.17 <sup>a</sup>	18.89	0.000	4.01 <sup>a</sup>	5.05	0.000
Northeast	6.78 <sup>a</sup>	7.72	0.000	8.84 <sup>b</sup>	8.05	0.063	21.00	21.34	0.631	4.26 <sup>a</sup>	5.40	0.000
Midwest	6.14 <sup>a</sup>	6.86	0.001	8.17 <sup>a</sup>	7.29	0.006	17.21 <sup>a</sup>	18.53	0.015	3.88 <sup>a</sup>	4.81	0.000
South	5.49 <sup>b</sup>	5.83	0.077	7.40 <sup>a</sup>	6.65	0.018	15.32 <sup>a</sup>	16.37	0.038	3.51 <sup>b</sup>	3.91	0.075
West	6.81 <sup>a</sup>	9.01	0.000	8.22	8.81	0.219	17.05 <sup>a</sup>	21.24	0.000	4.73 <sup>a</sup>	6.83	0.000
Alabama	4.32	5.07	0.145	6.37	5.62	0.427	12.47	14.34	0.233	2.60	3.38	0.179
Alaska	9.78 <sup>a</sup>	12.97	0.008	11.08	10.01	0.469	23.99	24.77	0.736	7.14 <sup>a</sup>	11.18	0.009
Arizona	5.68 <sup>a</sup>	7.22	0.032	7.74	8.37	0.587	15.18	17.20	0.284	3.67 <sup>a</sup>	5.33	0.045
Arkansas	5.63	5.30	0.576	7.97 <sup>b</sup>	6.01	0.055	16.48	14.71	0.321	3.39	3.61	0.745
California	6.50 <sup>a</sup>	9.08	0.000	7.66	8.83	0.109	16.09 <sup>a</sup>	21.74	0.000	4.57 <sup>a</sup>	6.74	0.000
Colorado	8.49 <sup>a</sup>	10.41	0.044	9.82	10.47	0.649	21.67 <sup>a</sup>	26.81	0.023	6.01	7.63	0.140
Connecticut	6.94 <sup>a</sup>	8.44	0.048	9.22	8.72	0.690	23.62	23.66	0.985	4.22 <sup>a</sup>	6.01	0.033
Delaware	6.89	7.49	0.373	9.41	9.58	0.891	22.06	20.95	0.621	3.96	4.95	0.164
District of Columbia	9.60	10.45	0.394	7.43	9.35	0.117	24.14	24.49	0.887	6.93	7.24	0.784
Florida	6.58	6.65	0.877	8.52 <sup>a</sup>	7.03	0.034	17.68	19.02	0.222	4.75	4.73	0.966
Georgia	4.93 <sup>b</sup>	5.96	0.069	6.87	7.20	0.746	13.01 <sup>a</sup>	16.65	0.041	3.18	3.88	0.261
Hawaii	6.95	7.57	0.479	10.23	9.69	0.715	17.00	18.15	0.573	4.90	5.69	0.441
Idaho	5.09	5.29	0.732	7.92 <sup>b</sup>	6.21	0.098	12.47	13.09	0.704	3.10	3.77	0.310
Illinois	5.60 <sup>a</sup>	7.03	0.000	7.61	6.94	0.312	17.43 <sup>a</sup>	20.27	0.011	3.23 <sup>a</sup>	4.79	0.001
Indiana	6.12	6.20	0.910	7.37	6.25	0.275	17.19	16.78	0.831	3.91	4.31	0.581
Iowa	4.90 <sup>a</sup>	6.10	0.044	7.10	6.65	0.659	13.14 <sup>a</sup>	16.84	0.035	3.04 <sup>b</sup>	4.13	0.100
Kansas	4.91	4.06	0.113	7.39 <sup>b</sup>	5.47	0.058	13.92	11.34	0.103	2.79	2.55	0.669
Kentucky	5.62	5.63	0.986	8.16 <sup>a</sup>	6.06	0.049	14.15 <sup>b</sup>	17.35	0.062	3.82	3.65	0.796
Louisiana	5.77 <sup>a</sup>	4.62	0.029	6.92 <sup>a</sup>	5.01	0.040	17.04 <sup>a</sup>	13.00	0.012	3.33	3.02	0.593
Maine	7.95	8.38	0.630	10.56	8.94	0.219	23.22	22.66	0.799	5.33	6.29	0.346
Maryland	5.73	5.81	0.879	7.87	7.54	0.767	19.43	17.53	0.332	3.27	3.66	0.533
Massachusetts	7.80 <sup>b</sup>	9.37	0.057	10.53	10.58	0.970	24.54	25.77	0.594	4.79 <sup>b</sup>	6.34	0.094
Michigan	7.20 <sup>a</sup>	8.89	0.000	9.23	8.89	0.628	18.49 <sup>a</sup>	22.13	0.001	4.95 <sup>a</sup>	6.61	0.005
Minnesota	6.37	6.30	0.910	8.92	7.27	0.148	17.49	17.58	0.964	4.00	4.33	0.651
Mississippi	4.64 <sup>a</sup>	5.80	0.044	6.04	6.32	0.771	12.99 <sup>b</sup>	15.86	0.095	2.74 <sup>b</sup>	3.88	0.083
Missouri	6.76	5.94	0.231	7.43	7.28	0.884	18.55	17.41	0.552	4.59	3.83	0.309
Montana	9.17	10.45	0.203	12.07 <sup>b</sup>	9.56	0.060	20.66 <sup>a</sup>	26.51	0.008	6.71	7.94	0.299

(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, 2002-2003 and 2011-2012 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Nebraska	5.97	5.51	0.452	9.13 <sup>a</sup>	6.53	0.025	15.61	14.83	0.655	3.66	3.74	0.901
Nevada	7.62	8.36	0.423	9.58	8.77	0.554	18.29	20.01	0.433	5.68	6.44	0.476
New Hampshire	10.23 <sup>b</sup>	8.37	0.063	11.79	9.61	0.128	27.31	26.37	0.685	7.36 <sup>b</sup>	5.41	0.090
New Jersey	5.05	6.05	0.105	7.33	6.85	0.662	17.89	19.26	0.508	2.93	3.96	0.119
New Mexico	7.37 <sup>a</sup>	9.14	0.039	10.35	9.82	0.718	18.98	21.35	0.267	4.74 <sup>a</sup>	6.94	0.031
New York	7.34 <sup>b</sup>	8.24	0.064	8.76	7.86	0.220	21.44	21.35	0.937	4.82 <sup>a</sup>	5.98	0.046
North Carolina	5.89	6.49	0.351	8.44	7.69	0.503	17.22	19.28	0.287	3.66	4.24	0.412
North Dakota	5.35	5.15	0.747	7.58	6.02	0.150	15.35	14.44	0.625	2.94	3.07	0.848
Ohio	6.49 <sup>a</sup>	7.37	0.042	8.74 <sup>b</sup>	7.53	0.072	18.22	19.22	0.357	4.17 <sup>a</sup>	5.39	0.016
Oklahoma	5.58	6.04	0.480	8.13	6.37	0.105	15.51	14.14	0.443	3.31 <sup>b</sup>	4.55	0.099
Oregon	8.88 <sup>a</sup>	12.16	0.002	9.31	9.86	0.663	22.17 <sup>b</sup>	25.81	0.088	6.57 <sup>a</sup>	10.25	0.004
Pennsylvania	5.64	6.18	0.171	8.18 <sup>b</sup>	6.87	0.051	17.66	17.54	0.919	3.37 <sup>b</sup>	4.20	0.069
Rhode Island	9.56 <sup>a</sup>	13.00	0.001	10.86	12.44	0.320	29.93	30.16	0.927	5.70 <sup>a</sup>	9.74	0.002
South Carolina	5.65 <sup>a</sup>	7.20	0.016	7.25	7.24	0.993	16.46	19.24	0.139	3.52 <sup>a</sup>	5.15	0.026
South Dakota	5.24	5.79	0.387	9.57 <sup>a</sup>	6.44	0.011	14.66	13.95	0.687	2.74 <sup>a</sup>	4.28	0.039
Tennessee	4.59	5.41	0.145	6.37	5.92	0.630	13.40	14.70	0.470	2.88	3.81	0.125
Texas	4.79	5.11	0.333	6.38	6.32	0.928	12.86	13.76	0.346	2.95	3.30	0.361
Utah	4.00	4.41	0.441	5.30	5.12	0.851	9.53	9.83	0.829	2.15	3.04	0.151
Vermont	9.77 <sup>a</sup>	12.86	0.005	13.32	13.36	0.981	26.95 <sup>a</sup>	33.18	0.011	6.34 <sup>a</sup>	9.34	0.024
Virginia	5.96	5.54	0.487	8.43 <sup>b</sup>	6.61	0.091	17.70	17.06	0.732	3.73	3.44	0.662
Washington	7.41 <sup>a</sup>	10.21	0.001	9.11	9.45	0.783	21.22	23.44	0.270	4.82 <sup>a</sup>	8.11	0.001
West Virginia	5.12	5.27	0.795	8.62 <sup>b</sup>	6.63	0.070	14.67 <sup>b</sup>	17.55	0.099	3.17	3.29	0.843
Wisconsin	5.40 <sup>a</sup>	6.69	0.042	7.71	7.78	0.948	15.98	18.18	0.230	3.18 <sup>a</sup>	4.65	0.035
Wyoming	5.45	5.68	0.710	7.14	6.00	0.273	15.59	13.06	0.151	3.27	4.36	0.137

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2011-2012 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

<sup>a</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2011, and 2012.

**Table 4 Perceptions of Great Risk of Smoking Marijuana Once a Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Total U.S.	39.05 <sup>a</sup>	31.37	0.000	33.66 <sup>a</sup>	27.02	0.000	24.19 <sup>a</sup>	17.37	0.000	42.38 <sup>a</sup>	34.36	0.000
Northeast	36.36 <sup>a</sup>	29.56	0.000	30.73 <sup>a</sup>	24.64	0.000	20.56 <sup>a</sup>	14.85	0.000	39.58 <sup>a</sup>	32.62	0.000
Midwest	38.02 <sup>a</sup>	29.51	0.000	33.94 <sup>a</sup>	27.64	0.000	22.41 <sup>a</sup>	16.23	0.000	41.39 <sup>a</sup>	32.04	0.000
South	43.56 <sup>a</sup>	35.16	0.000	35.89 <sup>a</sup>	30.03	0.000	27.51 <sup>a</sup>	19.66	0.000	47.40 <sup>a</sup>	38.50	0.000
West	35.24 <sup>a</sup>	28.47	0.000	32.25 <sup>a</sup>	23.48	0.000	23.64 <sup>a</sup>	16.75	0.000	37.80 <sup>a</sup>	31.25	0.000
Alabama	48.47 <sup>a</sup>	38.54	0.000	39.58	35.69	0.121	30.97 <sup>a</sup>	20.52	0.000	52.76 <sup>a</sup>	42.07	0.000
Alaska	27.54 <sup>a</sup>	20.57	0.000	25.38 <sup>b</sup>	21.26	0.087	17.53 <sup>a</sup>	12.92	0.008	29.65 <sup>a</sup>	21.93	0.001
Arizona	40.53 <sup>a</sup>	28.83	0.000	34.76 <sup>a</sup>	25.09	0.000	26.48 <sup>a</sup>	16.51	0.000	43.90 <sup>a</sup>	31.49	0.000
Arkansas	46.86 <sup>a</sup>	36.40	0.000	39.51 <sup>a</sup>	32.01	0.004	27.94 <sup>a</sup>	18.65	0.000	51.23 <sup>a</sup>	39.99	0.000
California	36.63 <sup>a</sup>	30.17	0.000	32.86 <sup>a</sup>	22.08	0.000	25.51 <sup>a</sup>	17.88	0.000	39.22 <sup>a</sup>	33.57	0.000
Colorado	28.74 <sup>a</sup>	24.11	0.010	28.97 <sup>a</sup>	21.57	0.001	17.51 <sup>a</sup>	11.71	0.001	30.67 <sup>b</sup>	26.53	0.068
Connecticut	34.36 <sup>a</sup>	25.79	0.000	27.71 <sup>a</sup>	23.05	0.050	17.99 <sup>a</sup>	12.35	0.001	37.62 <sup>a</sup>	28.26	0.000
Delaware	37.95 <sup>a</sup>	30.10	0.000	30.07 <sup>a</sup>	22.15	0.001	22.13 <sup>a</sup>	14.78	0.000	41.69 <sup>a</sup>	33.66	0.001
District of Columbia	33.64 <sup>a</sup>	25.27	0.000	28.14 <sup>a</sup>	20.68	0.006	19.51 <sup>a</sup>	12.54	0.000	36.90 <sup>a</sup>	28.63	0.001
Florida	42.60 <sup>a</sup>	35.10	0.000	34.48 <sup>a</sup>	27.82	0.000	26.92 <sup>a</sup>	19.82	0.000	45.82 <sup>a</sup>	38.22	0.000
Georgia	44.17 <sup>a</sup>	35.80	0.000	35.25	33.03	0.354	30.63 <sup>a</sup>	20.73	0.000	47.92 <sup>a</sup>	38.90	0.000
Hawaii	34.25 <sup>a</sup>	28.87	0.008	29.60 <sup>a</sup>	23.86	0.016	24.59 <sup>a</sup>	14.36	0.000	36.43 <sup>b</sup>	31.70	0.061
Idaho	38.60 <sup>a</sup>	29.41	0.000	36.63 <sup>a</sup>	27.25	0.000	26.41 <sup>a</sup>	17.84	0.000	41.44 <sup>a</sup>	31.81	0.000
Illinois	38.54 <sup>a</sup>	31.55	0.000	33.22 <sup>a</sup>	28.22	0.000	22.90 <sup>a</sup>	17.30	0.000	42.05 <sup>a</sup>	34.42	0.000
Indiana	41.91 <sup>a</sup>	30.03	0.000	36.55 <sup>a</sup>	27.82	0.000	24.32 <sup>a</sup>	16.92	0.000	45.90 <sup>a</sup>	32.67	0.000
Iowa	44.24 <sup>a</sup>	30.79	0.000	40.63 <sup>a</sup>	31.72	0.000	26.80 <sup>a</sup>	16.86	0.000	48.03 <sup>a</sup>	33.17	0.000
Kansas	42.85 <sup>a</sup>	29.29	0.000	38.79 <sup>a</sup>	29.62	0.000	24.23 <sup>a</sup>	19.69	0.026	47.07 <sup>a</sup>	31.02	0.000
Kentucky	41.86 <sup>a</sup>	35.18	0.001	38.83 <sup>b</sup>	34.46	0.083	26.11 <sup>a</sup>	21.10	0.023	44.97 <sup>a</sup>	37.62	0.004
Louisiana	45.73 <sup>a</sup>	39.08	0.000	37.94 <sup>b</sup>	33.72	0.084	25.31	22.39	0.148	51.01 <sup>a</sup>	42.88	0.001
Maine	31.33 <sup>a</sup>	21.45	0.000	26.71	23.36	0.130	14.91 <sup>a</sup>	11.53	0.029	34.37 <sup>a</sup>	22.68	0.000
Maryland	35.62 <sup>b</sup>	31.94	0.064	30.86 <sup>a</sup>	25.38	0.019	22.51 <sup>a</sup>	17.66	0.018	38.35	35.13	0.193
Massachusetts	26.82 <sup>a</sup>	22.89	0.031	26.76 <sup>a</sup>	19.87	0.001	15.07 <sup>a</sup>	10.70	0.005	28.70	25.41	0.145
Michigan	35.94 <sup>a</sup>	26.13	0.000	32.43 <sup>a</sup>	24.82	0.000	20.12 <sup>a</sup>	13.45	0.000	39.19 <sup>a</sup>	28.51	0.000
Minnesota	31.11	28.59	0.179	29.53	27.14	0.290	18.15 <sup>a</sup>	14.05	0.027	33.69	31.18	0.286
Mississippi	49.33 <sup>a</sup>	39.57	0.000	38.60	36.03	0.315	31.44 <sup>a</sup>	26.43	0.037	54.57 <sup>a</sup>	42.48	0.000
Missouri	36.69 <sup>a</sup>	31.71	0.010	33.96 <sup>a</sup>	27.05	0.002	22.99 <sup>a</sup>	17.32	0.004	39.49 <sup>b</sup>	34.75	0.053
Montana	33.27 <sup>a</sup>	25.18	0.000	28.46 <sup>a</sup>	23.93	0.035	18.13 <sup>a</sup>	12.77	0.002	36.66 <sup>a</sup>	27.36	0.000

(continued)



**Table 4 Perceptions of Great Risk of Smoking Marijuana Once a Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Nebraska	41.65 <sup>a</sup>	29.86	0.000	33.50	29.80	0.139	27.59 <sup>a</sup>	17.75	0.000	45.53 <sup>a</sup>	32.02	0.000
Nevada	34.02 <sup>a</sup>	28.13	0.004	33.52 <sup>a</sup>	22.82	0.000	22.76 <sup>a</sup>	15.38	0.000	35.86 <sup>a</sup>	30.88	0.049
New Hampshire	28.34 <sup>a</sup>	22.72	0.004	22.61	20.25	0.260	12.94 <sup>a</sup>	9.51	0.022	31.53 <sup>a</sup>	25.10	0.009
New Jersey	41.79 <sup>a</sup>	33.62	0.000	35.58 <sup>a</sup>	25.80	0.000	23.13 <sup>a</sup>	14.63	0.000	45.25 <sup>a</sup>	37.46	0.004
New Mexico	39.36 <sup>a</sup>	30.23	0.000	30.44 <sup>a</sup>	24.83	0.027	23.00 <sup>a</sup>	16.46	0.002	43.80 <sup>a</sup>	33.35	0.000
New York	36.10 <sup>a</sup>	31.34	0.000	30.29 <sup>a</sup>	25.03	0.000	22.59 <sup>a</sup>	16.73	0.000	39.08 <sup>a</sup>	34.67	0.005
North Carolina	44.10 <sup>a</sup>	32.72	0.000	36.16 <sup>a</sup>	27.24	0.000	25.34 <sup>a</sup>	17.35	0.000	48.29 <sup>a</sup>	35.95	0.000
North Dakota	38.86 <sup>a</sup>	32.11	0.001	34.58	33.13	0.563	24.34 <sup>a</sup>	17.40	0.001	42.50 <sup>a</sup>	35.15	0.003
Ohio	39.30 <sup>a</sup>	28.94	0.000	35.11 <sup>a</sup>	26.76	0.000	23.10 <sup>a</sup>	16.04	0.000	42.66 <sup>a</sup>	31.36	0.000
Oklahoma	42.65 <sup>a</sup>	31.35	0.000	35.17 <sup>a</sup>	29.71	0.033	27.13 <sup>a</sup>	20.22	0.002	46.70 <sup>a</sup>	33.59	0.000
Oregon	30.98 <sup>a</sup>	21.55	0.000	28.97 <sup>a</sup>	21.84	0.001	16.99 <sup>a</sup>	13.34	0.041	33.61 <sup>a</sup>	22.85	0.000
Pennsylvania	40.78 <sup>a</sup>	30.96	0.000	32.97 <sup>a</sup>	27.15	0.000	21.48 <sup>a</sup>	16.28	0.000	44.91 <sup>a</sup>	33.88	0.000
Rhode Island	31.91 <sup>a</sup>	23.89	0.000	25.90 <sup>a</sup>	20.08	0.010	16.38 <sup>a</sup>	11.39	0.002	35.48 <sup>a</sup>	26.76	0.001
South Carolina	43.44 <sup>a</sup>	34.69	0.000	36.41 <sup>a</sup>	29.13	0.002	24.77 <sup>a</sup>	18.30	0.001	47.68 <sup>a</sup>	38.16	0.000
South Dakota	37.53 <sup>a</sup>	30.44	0.000	35.30 <sup>b</sup>	30.84	0.072	21.83	18.87	0.163	40.94 <sup>a</sup>	32.43	0.000
Tennessee	42.06 <sup>a</sup>	35.47	0.001	35.74 <sup>b</sup>	31.50	0.086	26.26 <sup>a</sup>	19.20	0.001	45.53 <sup>a</sup>	38.65	0.004
Texas	45.42 <sup>a</sup>	37.66	0.000	36.30 <sup>a</sup>	30.79	0.000	30.65 <sup>a</sup>	20.64	0.000	49.77 <sup>a</sup>	41.91	0.000
Utah	42.42 <sup>a</sup>	37.42	0.006	42.42	39.69	0.329	29.72 <sup>b</sup>	25.05	0.058	46.15 <sup>a</sup>	39.92	0.012
Vermont	27.52 <sup>a</sup>	23.11	0.018	23.08	23.67	0.790	12.08	10.72	0.349	30.78 <sup>a</sup>	25.19	0.018
Virginia	40.45 <sup>a</sup>	28.91	0.000	36.17 <sup>a</sup>	24.65	0.000	23.35 <sup>a</sup>	16.03	0.000	43.80 <sup>a</sup>	31.64	0.000
Washington	26.80 <sup>a</sup>	23.01	0.032	26.99 <sup>a</sup>	22.54	0.042	16.30 <sup>b</sup>	13.52	0.084	28.57 <sup>b</sup>	24.66	0.075
West Virginia	46.64 <sup>a</sup>	35.81	0.000	33.04	29.97	0.211	25.76 <sup>a</sup>	19.36	0.002	51.58 <sup>a</sup>	38.89	0.000
Wisconsin	34.52 <sup>a</sup>	28.87	0.005	31.12	29.07	0.391	19.86 <sup>a</sup>	16.01	0.029	37.63 <sup>a</sup>	31.00	0.008
Wyoming	38.88 <sup>a</sup>	30.92	0.000	34.88	32.64	0.376	21.04 <sup>a</sup>	17.20	0.048	42.85 <sup>a</sup>	33.13	0.000

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2011-2012 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

<sup>a</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2011, and 2012.

**Table 5 First Use of Marijuana, by Age Group and State: Average Annual Rates and P Values from Tests of Differences between Rates, 2002-2003 and 2011-2012 NSDUHs**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Total U.S.	1.81 <sup>b</sup>	1.89	0.097	6.57 <sup>a</sup>	5.96	0.000	6.82 <sup>a</sup>	7.60	0.003	0.13 <sup>a</sup>	0.19	0.027
Northeast	1.85 <sup>b</sup>	2.00	0.069	7.10 <sup>a</sup>	6.13	0.001	7.75 <sup>b</sup>	8.62	0.060	0.12 <sup>a</sup>	0.22	0.026
Midwest	1.88	1.87	0.918	6.47 <sup>a</sup>	5.80	0.002	7.35	7.51	0.644	0.13	0.18	0.179
South	1.70	1.68	0.810	6.50 <sup>a</sup>	5.52	0.000	6.25	6.72	0.144	0.12	0.16	0.290
West	1.89 <sup>a</sup>	2.19	0.003	6.38	6.70	0.336	6.58 <sup>a</sup>	8.40	0.000	0.15 <sup>b</sup>	0.24	0.097
Alabama	1.55	1.45	0.499	5.97	4.94	0.150	6.23	5.95	0.767	0.09	0.11	0.627
Alaska	2.68	2.86	0.581	7.77	6.70	0.261	8.43	8.65	0.876	0.16 <sup>a</sup>	0.42	0.013
Arizona	1.73	2.01	0.181	6.42	6.45	0.966	6.01	7.63	0.152	0.14	0.22	0.178
Arkansas	1.72	1.56	0.360	6.67 <sup>a</sup>	5.17	0.050	7.11	5.73	0.181	0.10	0.13	0.479
California	1.79 <sup>a</sup>	2.26	0.001	5.88 <sup>b</sup>	6.83	0.055	6.27 <sup>a</sup>	8.82	0.000	0.14	0.25	0.122
Colorado	2.31	2.34	0.908	7.59	7.49	0.917	8.10	9.43	0.349	0.20	0.25	0.544
Connecticut	2.03	2.19	0.466	8.31 <sup>b</sup>	6.63	0.076	8.22	9.32	0.406	0.13	0.23	0.133
Delaware	1.89 <sup>b</sup>	2.30	0.066	7.94	7.32	0.521	7.21 <sup>b</sup>	9.94	0.058	0.12 <sup>a</sup>	0.24	0.042
District of Columbia	1.96 <sup>a</sup>	3.19	0.000	6.89	8.37	0.113	8.17 <sup>a</sup>	11.69	0.019	0.17 <sup>a</sup>	0.52	0.008
Florida	1.58	1.57	0.958	6.75 <sup>a</sup>	5.64	0.014	6.44	7.03	0.354	0.12	0.17	0.271
Georgia	1.61	1.73	0.497	5.93	5.63	0.693	4.76	5.98	0.184	0.13	0.16	0.509
Hawaii	1.98	2.01	0.899	7.02	7.10	0.936	8.90	8.15	0.630	0.07 <sup>a</sup>	0.31	0.010
Idaho	1.93	1.81	0.583	6.36	5.40	0.221	5.43	6.15	0.467	0.13	0.16	0.605
Illinois	1.76	1.84	0.478	6.24	5.70	0.209	6.87	7.76	0.185	0.13	0.19	0.181
Indiana	1.71	1.89	0.349	5.48	5.49	0.984	7.54	7.57	0.975	0.13	0.17	0.389
Iowa	1.62	1.71	0.630	5.37	5.58	0.774	7.15	7.26	0.924	0.11	0.13	0.560
Kansas	1.70	1.74	0.860	5.13	5.08	0.945	7.68	6.72	0.394	0.11	0.15	0.434
Kentucky	1.67	1.54	0.487	6.95 <sup>a</sup>	5.43	0.049	6.29	5.79	0.631	0.12	0.15	0.509
Louisiana	1.76	1.53	0.197	5.64 <sup>b</sup>	4.34	0.059	7.91	6.18	0.102	0.09	0.16	0.176
Maine	2.20	2.05	0.513	8.31 <sup>b</sup>	6.72	0.080	10.35	8.42	0.187	0.13	0.22	0.119
Maryland	1.86	1.90	0.827	6.67	6.10	0.482	7.16	7.71	0.631	0.13	0.20	0.229
Massachusetts	2.06 <sup>a</sup>	2.66	0.012	7.74	7.66	0.928	8.17 <sup>a</sup>	11.09	0.047	0.16 <sup>b</sup>	0.28	0.097
Michigan	2.06	2.21	0.238	6.78	6.46	0.485	7.66	8.42	0.272	0.14	0.20	0.174
Minnesota	2.06	1.89	0.410	6.86	5.62	0.109	7.15	8.06	0.466	0.15	0.21	0.329
Mississippi	1.43	1.49	0.719	4.55	4.71	0.814	5.33	5.82	0.595	0.09	0.13	0.388
Missouri	2.02 <sup>b</sup>	1.68	0.086	7.10	5.92	0.146	7.26	6.28	0.381	0.14	0.15	0.797
Montana	2.55	2.42	0.603	9.08	8.40	0.483	10.20	9.97	0.885	0.12	0.21	0.166

(continued)

**Table 5 First Use of Marijuana, by Age Group and State: Average Annual Rates and P Values from Tests of Differences between Rates, 2002-2003 and 2011-2012 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Nebraska	1.76	1.69	0.694	6.63 <sup>b</sup>	5.21	0.077	5.99	6.95	0.363	0.11	0.15	0.437
Nevada	2.02	2.17	0.531	8.42	7.05	0.195	6.08 <sup>a</sup>	9.09	0.019	0.15	0.22	0.316
New Hampshire	2.58	2.70	0.653	8.82	7.87	0.347	11.14	11.58	0.799	0.16	0.26	0.219
New Jersey	1.57	1.77	0.254	6.62	5.99	0.445	5.97 <sup>b</sup>	8.02	0.078	0.12	0.18	0.218
New Mexico	2.35	2.35	0.988	8.26	8.93	0.553	10.49	7.89	0.110	0.14	0.24	0.244
New York	1.88	1.90	0.885	6.85 <sup>a</sup>	5.68	0.014	8.02	7.93	0.909	0.12 <sup>a</sup>	0.24	0.025
North Carolina	1.81	1.58	0.206	7.81 <sup>a</sup>	5.56	0.007	6.81	6.74	0.950	0.11	0.13	0.538
North Dakota	1.97	1.64	0.103	6.96 <sup>a</sup>	4.52	0.002	8.45	6.82	0.175	0.09	0.16	0.172
Ohio	1.86	2.00	0.236	6.62	6.31	0.498	7.30	7.94	0.371	0.12	0.18	0.149
Oklahoma	1.79	1.72	0.721	6.33	5.63	0.373	6.67	5.81	0.414	0.10	0.16	0.244
Oregon	1.95 <sup>b</sup>	2.40	0.052	6.94	6.53	0.637	7.53 <sup>b</sup>	9.77	0.099	0.14 <sup>b</sup>	0.27	0.065
Pennsylvania	1.72	1.83	0.341	6.65 <sup>a</sup>	5.43	0.006	7.51	8.31	0.265	0.10 <sup>b</sup>	0.17	0.090
Rhode Island	2.14 <sup>a</sup>	2.74	0.026	7.89	8.61	0.486	10.02	10.94	0.592	0.15	0.26	0.107
South Carolina	1.85	1.74	0.554	6.56	6.35	0.795	8.05	6.41	0.134	0.10	0.15	0.309
South Dakota	2.23 <sup>a</sup>	1.56	0.001	8.39 <sup>a</sup>	5.10	0.000	8.58 <sup>b</sup>	6.31	0.060	0.10	0.15	0.237
Tennessee	1.38	1.51	0.460	5.09	5.23	0.838	5.50	5.87	0.711	0.10	0.14	0.446
Texas	1.78	1.74	0.770	6.52 <sup>a</sup>	5.26	0.005	5.55 <sup>a</sup>	6.89	0.028	0.14	0.15	0.888
Utah	1.77 <sup>a</sup>	1.33	0.031	4.50	3.67	0.235	5.26	4.22	0.233	0.13	0.11	0.677
Vermont	2.70	2.74	0.910	10.35	9.43	0.410	10.44	9.12	0.433	0.15 <sup>b</sup>	0.29	0.100
Virginia	1.93	2.07	0.500	7.34	6.39	0.260	7.50	8.26	0.514	0.12	0.20	0.134
Washington	2.07	2.18	0.630	7.14	6.63	0.560	7.11	8.35	0.326	0.16	0.24	0.255
West Virginia	1.53	1.65	0.442	7.29	6.75	0.525	6.27	7.67	0.191	0.09	0.13	0.399
Wisconsin	2.06 <sup>b</sup>	1.66	0.053	7.17 <sup>a</sup>	5.20	0.017	8.25	6.55	0.148	0.12	0.17	0.349
Wyoming	1.92	1.61	0.114	6.44	5.42	0.193	7.06	6.03	0.346	0.12	0.16	0.385

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2011-2012 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: *Average annual marijuana initiation rate* =  $100 * \{[X_1 \div (0.5 * X_1 + X_2)] \div 2\}$ , where  $X_1$  is the number of marijuana initiates in the past 24 months and  $X_2$  is the number of persons who never used marijuana. Both of the computation components,  $X_1$  and  $X_2$ , are based on a survey-weighted hierarchical Bayes estimation approach. Note that the age group is based on a respondent's age at the time of the interview, not his or her age at first use.

<sup>a</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2011, and 2012.

**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, 2002-2003 and 2011-2012 NSDUHs**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Total U.S.	3.73 <sup>a</sup>	3.27	0.000	5.70 <sup>a</sup>	3.90	0.000	8.17 <sup>a</sup>	7.00	0.000	2.68	2.54	0.307
Northeast	3.38	3.17	0.247	5.35 <sup>a</sup>	3.43	0.000	8.51 <sup>a</sup>	7.09	0.001	2.31	2.48	0.449
Midwest	3.48 <sup>b</sup>	3.20	0.053	5.48 <sup>a</sup>	3.79	0.000	7.81 <sup>a</sup>	6.94	0.009	2.43	2.49	0.745
South	3.83 <sup>a</sup>	3.16	0.000	5.85 <sup>a</sup>	3.89	0.000	8.38 <sup>a</sup>	6.82	0.000	2.76 <sup>b</sup>	2.44	0.086
West	4.11 <sup>a</sup>	3.57	0.013	5.97 <sup>a</sup>	4.34	0.000	7.93	7.25	0.143	3.14	2.80	0.212
Alabama	3.72	3.75	0.937	5.36	4.55	0.395	8.06	7.42	0.547	2.73	3.01	0.590
Alaska	4.00	3.30	0.101	5.39 <sup>a</sup>	3.37	0.015	8.51	7.19	0.263	2.97	2.57	0.426
Arizona	4.66 <sup>b</sup>	3.70	0.076	7.22 <sup>a</sup>	4.60	0.022	8.98 <sup>b</sup>	6.82	0.087	3.51	3.04	0.467
Arkansas	3.92	3.83	0.831	6.54	4.95	0.121	9.24	8.02	0.314	2.62	2.97	0.514
California	3.94	3.50	0.180	5.79 <sup>a</sup>	4.45	0.025	7.02	7.14	0.859	3.11	2.70	0.309
Colorado	4.67 <sup>a</sup>	3.64	0.040	6.47 <sup>a</sup>	4.14	0.021	9.80	8.06	0.189	3.53	2.84	0.247
Connecticut	3.25	2.92	0.391	5.35 <sup>a</sup>	3.07	0.009	7.57	7.54	0.976	2.35	2.18	0.709
Delaware	3.91	3.77	0.762	6.02 <sup>a</sup>	3.70	0.012	10.12	9.03	0.431	2.58	2.88	0.568
District of Columbia	4.06	4.52	0.427	4.22	4.33	0.896	6.65	6.52	0.906	3.54	4.06	0.473
Florida	3.70 <sup>a</sup>	2.94	0.010	5.17 <sup>a</sup>	3.66	0.003	8.41 <sup>a</sup>	6.69	0.013	2.85	2.29	0.109
Georgia	3.97 <sup>a</sup>	3.01	0.020	5.54 <sup>b</sup>	4.02	0.093	8.05 <sup>b</sup>	6.22	0.095	3.01	2.30	0.159
Hawaii	3.46	3.60	0.793	6.53 <sup>b</sup>	4.48	0.065	6.93	7.62	0.573	2.49	2.88	0.553
Idaho	3.73	3.45	0.508	5.66 <sup>b</sup>	4.09	0.086	7.42	7.29	0.905	2.65	2.67	0.966
Illinois	3.30	2.97	0.231	5.22 <sup>a</sup>	3.35	0.000	7.50 <sup>b</sup>	6.36	0.098	2.29	2.35	0.842
Indiana	3.56	3.96	0.357	5.69 <sup>b</sup>	4.09	0.084	8.30	8.94	0.585	2.39	3.06	0.195
Iowa	3.17	2.64	0.173	4.37	3.31	0.192	7.35	6.17	0.292	2.21	1.93	0.544
Kansas	3.11	2.84	0.500	4.49	3.96	0.557	6.66	5.53	0.266	2.21	2.20	0.984
Kentucky	4.38 <sup>a</sup>	3.10	0.004	6.67 <sup>a</sup>	3.25	0.000	9.83 <sup>a</sup>	7.34	0.042	3.14	2.39	0.150
Louisiana	4.24 <sup>b</sup>	3.48	0.078	6.14 <sup>a</sup>	3.93	0.014	8.78 <sup>b</sup>	6.91	0.094	3.04	2.78	0.623
Maine	3.82	3.18	0.142	5.36 <sup>a</sup>	3.22	0.011	10.00	8.70	0.311	2.70	2.39	0.548
Maryland	3.44 <sup>b</sup>	2.68	0.058	4.87 <sup>a</sup>	3.14	0.035	7.66	6.03	0.121	2.58	2.07	0.291
Massachusetts	3.63	3.26	0.367	6.40 <sup>a</sup>	3.86	0.006	10.20 <sup>a</sup>	7.19	0.017	2.25	2.50	0.592
Michigan	3.62	3.62	0.998	6.44 <sup>a</sup>	4.56	0.002	7.76	6.99	0.259	2.50	2.92	0.264
Minnesota	3.21	2.91	0.419	5.27 <sup>a</sup>	3.49	0.035	7.23	6.48	0.500	2.19	2.25	0.871
Mississippi	3.60	3.46	0.741	6.26 <sup>a</sup>	4.21	0.032	7.39	6.33	0.341	2.43	2.83	0.438
Missouri	4.16 <sup>a</sup>	2.89	0.003	5.40 <sup>a</sup>	3.68	0.049	8.91 <sup>b</sup>	6.66	0.052	3.15 <sup>b</sup>	2.15	0.051
Montana	3.78	3.26	0.208	7.03 <sup>a</sup>	4.42	0.011	7.23	7.66	0.709	2.70	2.41	0.559

(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, 2002-2003 and 2011-2012 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Nebraska	3.44 <sup>a</sup>	2.67	0.035	5.94 <sup>a</sup>	3.32	0.004	8.20 <sup>a</sup>	5.97	0.033	2.17	2.01	0.705
Nevada	4.47 <sup>b</sup>	3.49	0.077	5.12	3.97	0.251	9.35 <sup>a</sup>	6.51	0.023	3.62	2.94	0.312
New Hampshire	4.05	3.47	0.175	6.20 <sup>a</sup>	3.67	0.005	11.72	9.72	0.158	2.57	2.47	0.845
New Jersey	3.40	3.25	0.727	5.15	3.77	0.111	9.12	7.62	0.226	2.36	2.53	0.714
New Mexico	4.57	3.85	0.204	6.26	5.52	0.524	9.94 <sup>a</sup>	6.16	0.005	3.30	3.23	0.910
New York	3.10	3.02	0.801	4.87 <sup>a</sup>	2.91	0.000	7.53	6.63	0.210	2.14	2.40	0.472
North Carolina	3.96 <sup>a</sup>	2.88	0.007	6.90 <sup>a</sup>	3.44	0.000	8.28	6.68	0.153	2.85	2.19	0.162
North Dakota	3.30 <sup>a</sup>	2.39	0.018	5.76 <sup>a</sup>	2.67	0.001	6.93	5.53	0.177	2.19	1.69	0.249
Ohio	3.44	3.51	0.785	5.27 <sup>a</sup>	3.98	0.017	7.87	7.66	0.767	2.42	2.77	0.310
Oklahoma	4.41	3.70	0.155	6.33 <sup>a</sup>	4.04	0.024	10.88 <sup>a</sup>	6.96	0.002	2.89	3.07	0.772
Oregon	4.29	3.81	0.352	5.55 <sup>b</sup>	3.89	0.061	9.38	8.69	0.595	3.26	3.03	0.707
Pennsylvania	3.44	3.16	0.313	5.51 <sup>a</sup>	3.76	0.001	8.04 <sup>a</sup>	6.60	0.039	2.43	2.51	0.820
Rhode Island	4.64	4.70	0.909	5.50	4.26	0.209	13.37 <sup>a</sup>	9.60	0.016	2.94	3.81	0.217
South Carolina	3.58	3.45	0.751	5.30	4.05	0.155	8.73	7.11	0.152	2.44	2.75	0.565
South Dakota	3.29	2.81	0.210	6.38 <sup>a</sup>	3.25	0.001	7.81 <sup>b</sup>	5.67	0.054	1.95	2.26	0.477
Tennessee	3.64	3.42	0.588	5.46	4.22	0.181	7.40	8.24	0.482	2.78	2.53	0.619
Texas	3.89 <sup>a</sup>	3.15	0.008	6.19 <sup>a</sup>	4.17	0.001	8.33 <sup>a</sup>	6.38	0.005	2.66	2.39	0.428
Utah	3.74	3.13	0.124	5.35 <sup>a</sup>	2.99	0.006	7.30	6.23	0.322	2.39	2.43	0.933
Vermont	3.87	3.74	0.771	6.78 <sup>a</sup>	4.33	0.014	9.22	8.66	0.663	2.56	2.83	0.610
Virginia	3.54	3.01	0.169	5.83 <sup>a</sup>	3.32	0.005	7.95	7.09	0.436	2.51	2.27	0.596
Washington	4.22	3.89	0.479	6.12 <sup>b</sup>	4.49	0.089	9.77	8.10	0.179	3.01	3.12	0.857
West Virginia	3.51	3.11	0.303	6.07 <sup>a</sup>	3.42	0.003	8.09	8.69	0.600	2.48	2.25	0.617
Wisconsin	3.63 <sup>a</sup>	2.85	0.045	5.59 <sup>a</sup>	3.57	0.022	8.23	6.91	0.253	2.54	2.09	0.331
Wyoming	3.67 <sup>a</sup>	2.53	0.005	5.12 <sup>a</sup>	3.14	0.016	8.14 <sup>a</sup>	4.77	0.002	2.61	2.06	0.254

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2011-2012 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Illicit Drugs Other Than Marijuana include cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically, including data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006. See Section B.4.8 in Appendix B of the *Results from the 2008 National Survey on Drug Use and Health: National Findings*.

<sup>a</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2011, and 2012.

**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, 2002-2003 and 2011-2012 NSDUHs**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Total U.S.	2.50 <sup>a</sup>	1.65	0.000	1.90 <sup>a</sup>	0.82	0.000	6.67 <sup>a</sup>	4.59	0.000	1.85 <sup>a</sup>	1.24	0.000
Northeast	2.52 <sup>a</sup>	1.94	0.000	1.67 <sup>a</sup>	0.75	0.000	7.17 <sup>a</sup>	5.37	0.000	1.89 <sup>a</sup>	1.50	0.032
Midwest	2.50 <sup>a</sup>	1.43	0.000	1.93 <sup>a</sup>	0.70	0.000	6.71 <sup>a</sup>	3.71	0.000	1.83 <sup>a</sup>	1.13	0.000
South	2.41 <sup>a</sup>	1.49	0.000	1.96 <sup>a</sup>	0.80	0.000	6.11 <sup>a</sup>	3.98	0.000	1.83 <sup>a</sup>	1.15	0.000
West	2.62 <sup>a</sup>	1.87	0.000	1.96 <sup>a</sup>	1.01	0.000	7.10 <sup>a</sup>	5.74	0.003	1.89 <sup>a</sup>	1.29	0.002
Alabama	2.25 <sup>a</sup>	1.20	0.000	1.66 <sup>a</sup>	0.67	0.003	5.49 <sup>a</sup>	2.68	0.000	1.75 <sup>a</sup>	1.01	0.023
Alaska	2.40 <sup>b</sup>	1.73	0.078	2.44 <sup>a</sup>	0.88	0.001	8.37 <sup>a</sup>	4.98	0.005	1.38	1.24	0.747
Arizona	3.45 <sup>a</sup>	2.02	0.000	3.24 <sup>a</sup>	1.00	0.000	8.53 <sup>a</sup>	5.66	0.020	2.57 <sup>a</sup>	1.52	0.020
Arkansas	2.17 <sup>a</sup>	1.34	0.002	1.86 <sup>a</sup>	0.74	0.002	6.05 <sup>a</sup>	3.22	0.001	1.52	1.10	0.165
California	2.54 <sup>a</sup>	1.90	0.006	1.70 <sup>a</sup>	1.08	0.031	6.61	5.78	0.239	1.92 <sup>a</sup>	1.29	0.024
Colorado	3.90 <sup>a</sup>	2.41	0.001	2.64 <sup>a</sup>	1.09	0.002	10.29	8.83	0.331	2.96 <sup>a</sup>	1.49	0.006
Connecticut	2.13	1.93	0.501	1.82 <sup>a</sup>	0.85	0.008	7.02	6.71	0.775	1.46	1.31	0.677
Delaware	2.76 <sup>a</sup>	1.88	0.011	1.61 <sup>a</sup>	0.74	0.007	7.38 <sup>b</sup>	5.27	0.057	2.12 <sup>b</sup>	1.44	0.088
District of Columbia	3.58	3.01	0.389	0.65 <sup>b</sup>	0.34	0.075	4.55	4.88	0.711	3.65	2.78	0.292
Florida	2.53 <sup>a</sup>	1.71	0.000	1.94 <sup>a</sup>	0.66	0.000	6.83 <sup>a</sup>	5.31	0.025	1.99 <sup>a</sup>	1.28	0.011
Georgia	2.47 <sup>a</sup>	1.57	0.002	1.68 <sup>a</sup>	0.64	0.001	5.26 <sup>a</sup>	3.29	0.019	2.08 <sup>b</sup>	1.38	0.057
Hawaii	1.76	1.67	0.766	1.70 <sup>a</sup>	0.74	0.017	5.52	4.38	0.225	1.17	1.35	0.568
Idaho	1.64 <sup>b</sup>	1.22	0.060	1.80 <sup>a</sup>	0.69	0.003	5.03 <sup>b</sup>	3.47	0.071	0.92	0.89	0.897
Illinois	2.44 <sup>a</sup>	1.79	0.006	1.67 <sup>a</sup>	0.74	0.000	6.53 <sup>a</sup>	4.17	0.000	1.82	1.52	0.285
Indiana	2.57 <sup>a</sup>	1.24	0.000	2.00 <sup>a</sup>	0.76	0.002	7.20 <sup>a</sup>	3.39	0.000	1.80 <sup>a</sup>	0.93	0.004
Iowa	2.23 <sup>a</sup>	1.16	0.000	2.18 <sup>a</sup>	0.64	0.000	6.43 <sup>a</sup>	3.31	0.001	1.44 <sup>a</sup>	0.84	0.032
Kansas	2.21 <sup>a</sup>	1.34	0.001	1.80 <sup>a</sup>	0.74	0.004	6.31 <sup>a</sup>	3.66	0.003	1.48 <sup>b</sup>	1.00	0.091
Kentucky	2.56 <sup>a</sup>	1.42	0.000	2.05 <sup>a</sup>	0.78	0.001	6.59 <sup>a</sup>	3.80	0.002	1.93 <sup>a</sup>	1.11	0.013
Louisiana	2.78 <sup>a</sup>	1.62	0.000	1.65 <sup>a</sup>	0.63	0.000	5.38 <sup>a</sup>	3.38	0.011	2.42 <sup>a</sup>	1.42	0.014
Maine	2.30 <sup>b</sup>	1.75	0.061	2.18 <sup>a</sup>	0.79	0.000	8.05 <sup>a</sup>	5.52	0.028	1.46	1.32	0.679
Maryland	2.05 <sup>a</sup>	1.34	0.013	1.38 <sup>a</sup>	0.57	0.006	4.80 <sup>b</sup>	3.46	0.092	1.70 <sup>b</sup>	1.08	0.082
Massachusetts	2.85 <sup>a</sup>	1.85	0.004	2.05 <sup>a</sup>	0.93	0.004	7.88 <sup>a</sup>	5.48	0.048	2.14 <sup>a</sup>	1.31	0.036
Michigan	2.59 <sup>a</sup>	1.35	0.000	2.08 <sup>a</sup>	0.79	0.000	6.26 <sup>a</sup>	3.57	0.000	2.03 <sup>a</sup>	1.04	0.000
Minnesota	2.51 <sup>a</sup>	1.33	0.000	2.35 <sup>a</sup>	0.63	0.000	7.47 <sup>a</sup>	3.63	0.000	1.64 <sup>b</sup>	1.03	0.052
Mississippi	2.05 <sup>a</sup>	1.35	0.016	1.18	0.71	0.107	4.18 <sup>a</sup>	2.42	0.010	1.75	1.24	0.164
Missouri	2.90 <sup>a</sup>	1.26	0.000	2.03 <sup>a</sup>	0.71	0.000	7.19 <sup>a</sup>	3.39	0.000	2.27 <sup>a</sup>	0.97	0.000
Montana	2.48 <sup>a</sup>	1.57	0.001	2.51 <sup>a</sup>	1.11	0.004	7.30	5.51	0.106	1.62 <sup>a</sup>	0.98	0.031

(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, 2002-2003 and 2011-2012 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Nebraska	2.12 <sup>a</sup>	1.43	0.005	2.16 <sup>a</sup>	0.79	0.000	5.72	4.33	0.124	1.42	1.00	0.123
Nevada	2.38 <sup>a</sup>	1.39	0.000	1.97 <sup>a</sup>	0.92	0.011	7.35 <sup>a</sup>	4.36	0.011	1.66 <sup>a</sup>	0.97	0.018
New Hampshire	2.97 <sup>a</sup>	1.96	0.004	2.66 <sup>a</sup>	0.84	0.000	10.17 <sup>a</sup>	7.27	0.034	1.89 <sup>b</sup>	1.26	0.094
New Jersey	2.25	1.86	0.187	1.78 <sup>a</sup>	0.73	0.002	6.49	5.31	0.274	1.71	1.48	0.508
New Mexico	3.07 <sup>a</sup>	2.07	0.010	2.81 <sup>a</sup>	1.27	0.007	10.03 <sup>a</sup>	5.72	0.002	1.81	1.54	0.523
New York	2.59 <sup>b</sup>	2.11	0.066	1.41 <sup>a</sup>	0.75	0.003	6.93 <sup>b</sup>	5.62	0.057	2.02	1.65	0.249
North Carolina	2.43 <sup>a</sup>	1.57	0.003	1.92 <sup>a</sup>	0.84	0.004	6.42 <sup>a</sup>	4.29	0.024	1.83 <sup>b</sup>	1.22	0.067
North Dakota	1.94 <sup>a</sup>	1.23	0.003	1.95 <sup>a</sup>	0.69	0.001	5.94 <sup>a</sup>	3.50	0.007	1.10	0.81	0.257
Ohio	2.53 <sup>a</sup>	1.53	0.000	1.69 <sup>a</sup>	0.60	0.000	6.99 <sup>a</sup>	3.77	0.000	1.88 <sup>a</sup>	1.28	0.027
Oklahoma	2.02 <sup>a</sup>	1.29	0.003	1.86 <sup>a</sup>	0.71	0.002	5.99 <sup>a</sup>	3.32	0.002	1.27	1.00	0.302
Oregon	2.45 <sup>b</sup>	1.95	0.100	1.91 <sup>a</sup>	1.05	0.029	7.25	6.77	0.684	1.71	1.28	0.215
Pennsylvania	2.37 <sup>a</sup>	1.74	0.012	1.49 <sup>a</sup>	0.61	0.000	6.62 <sup>a</sup>	4.15	0.000	1.79	1.46	0.276
Rhode Island	3.79 <sup>a</sup>	2.62	0.019	2.10 <sup>a</sup>	0.80	0.002	12.05 <sup>a</sup>	6.82	0.000	2.50	2.02	0.415
South Carolina	2.64 <sup>a</sup>	1.69	0.005	1.71 <sup>a</sup>	0.62	0.000	6.36 <sup>a</sup>	3.64	0.002	2.11	1.49	0.128
South Dakota	1.89 <sup>a</sup>	0.98	0.000	2.41 <sup>a</sup>	0.66	0.000	5.49 <sup>a</sup>	2.83	0.001	1.10 <sup>b</sup>	0.70	0.081
Tennessee	2.36 <sup>a</sup>	1.39	0.000	1.85 <sup>a</sup>	0.76	0.001	6.08 <sup>a</sup>	3.55	0.005	1.80 <sup>a</sup>	1.11	0.030
Texas	2.44 <sup>a</sup>	1.39	0.000	2.58 <sup>a</sup>	1.12	0.000	6.66 <sup>a</sup>	4.22	0.000	1.58 <sup>a</sup>	0.90	0.003
Utah	1.95	1.69	0.334	1.52 <sup>a</sup>	0.74	0.026	4.78	4.16	0.478	1.21	1.28	0.818
Vermont	2.98 <sup>a</sup>	2.08	0.012	2.81 <sup>a</sup>	1.01	0.000	9.73 <sup>b</sup>	7.14	0.067	1.85	1.34	0.180
Virginia	2.24 <sup>a</sup>	1.29	0.000	1.72 <sup>a</sup>	0.64	0.001	5.52 <sup>a</sup>	3.58	0.022	1.78 <sup>a</sup>	0.97	0.007
Washington	2.11 <sup>b</sup>	1.60	0.060	1.77 <sup>a</sup>	0.78	0.005	7.15 <sup>a</sup>	4.95	0.036	1.29	1.14	0.608
West Virginia	2.30 <sup>a</sup>	1.56	0.010	2.61 <sup>a</sup>	1.01	0.000	7.42 <sup>a</sup>	4.94	0.017	1.44	1.12	0.294
Wisconsin	2.45 <sup>a</sup>	1.31	0.000	1.98 <sup>a</sup>	0.65	0.000	6.62 <sup>a</sup>	3.85	0.005	1.77 <sup>a</sup>	0.97	0.009
Wyoming	2.21 <sup>a</sup>	1.34	0.001	1.80 <sup>a</sup>	0.80	0.005	7.60 <sup>a</sup>	4.35	0.002	1.25	0.88	0.185

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2011-2012 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

<sup>a</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2011, and 2012.

**Table 8 Nonmedical Use of Pain Relievers in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Total U.S.	4.79 <sup>b</sup>	4.57	0.080	7.61 <sup>a</sup>	5.64	0.000	11.70 <sup>a</sup>	9.96	0.000	3.20 <sup>b</sup>	3.50	0.053
Northeast	4.05	4.14	0.653	6.37 <sup>a</sup>	4.80	0.000	11.22 <sup>a</sup>	9.25	0.000	2.62 <sup>a</sup>	3.20	0.009
Midwest	4.58	4.60	0.926	7.53 <sup>a</sup>	5.65	0.000	11.68 <sup>a</sup>	10.33	0.001	2.90 <sup>a</sup>	3.49	0.003
South	4.92 <sup>a</sup>	4.50	0.011	7.88 <sup>a</sup>	5.66	0.000	12.08 <sup>a</sup>	9.73	0.000	3.27	3.45	0.356
West	5.42 <sup>b</sup>	4.97	0.082	8.23 <sup>a</sup>	6.21	0.000	11.51 <sup>b</sup>	10.51	0.078	3.90	3.82	0.793
Alabama	4.89	5.22	0.477	8.01	7.19	0.476	12.98 <sup>b</sup>	10.55	0.082	3.03 <sup>b</sup>	4.05	0.070
Alaska	5.34	5.08	0.628	8.09	6.29	0.120	12.72	11.38	0.373	3.58	3.74	0.794
Arizona	6.07	5.40	0.270	9.35	7.66	0.217	13.91	11.61	0.165	4.18	4.02	0.818
Arkansas	5.03	5.84	0.119	7.95	8.30	0.770	13.38	12.93	0.779	3.15 <sup>a</sup>	4.32	0.049
California	5.20	4.81	0.293	7.53 <sup>a</sup>	5.72	0.007	9.79	9.88	0.910	4.02	3.74	0.544
Colorado	6.08 <sup>b</sup>	5.05	0.069	8.98	7.15	0.147	13.94	12.18	0.276	4.31	3.59	0.256
Connecticut	4.03	3.91	0.778	5.70	4.53	0.192	11.54 <sup>b</sup>	9.21	0.089	2.72	3.00	0.572
Delaware	5.12	5.43	0.568	7.30	6.24	0.330	13.90	12.45	0.386	3.33	4.14	0.197
District of Columbia	3.52 <sup>b</sup>	4.41	0.078	5.26	4.05	0.182	6.73	7.74	0.367	2.73	3.65	0.126
Florida	4.85 <sup>a</sup>	3.86	0.002	7.03 <sup>a</sup>	4.87	0.000	12.83 <sup>a</sup>	8.32	0.000	3.45	3.07	0.317
Georgia	5.12 <sup>a</sup>	4.12	0.031	8.41 <sup>a</sup>	5.26	0.004	10.66	8.85	0.169	3.64	3.12	0.332
Hawaii	3.90	4.36	0.392	6.52	6.34	0.880	9.41	9.98	0.675	2.67	3.26	0.345
Idaho	5.63	5.20	0.411	8.72 <sup>a</sup>	6.37	0.042	13.57	11.64	0.219	3.48	3.89	0.477
Illinois	4.02	4.15	0.654	6.76 <sup>a</sup>	4.89	0.002	10.92	9.69	0.143	2.42 <sup>a</sup>	3.11	0.045
Indiana	5.88	5.63	0.655	8.37	6.80	0.181	15.82	13.47	0.174	3.70	4.09	0.539
Iowa	3.42	3.73	0.463	6.28 <sup>b</sup>	4.60	0.087	8.78	9.58	0.555	2.02	2.59	0.240
Kansas	4.36	4.09	0.540	6.14	5.68	0.651	10.84	8.73	0.106	2.84	3.04	0.698
Kentucky	6.50 <sup>a</sup>	4.49	0.000	9.96 <sup>a</sup>	5.40	0.000	17.48 <sup>a</sup>	10.39	0.000	4.16	3.40	0.203
Louisiana	5.16	4.69	0.313	7.46	5.91	0.127	13.19 <sup>a</sup>	9.85	0.019	3.20	3.59	0.487
Maine	4.61	4.43	0.708	7.16 <sup>a</sup>	5.09	0.042	14.07 <sup>a</sup>	10.98	0.043	2.87	3.43	0.289
Maryland	4.03	3.90	0.745	5.95 <sup>b</sup>	4.25	0.059	10.52 <sup>b</sup>	8.35	0.091	2.75	3.12	0.464
Massachusetts	5.28 <sup>a</sup>	3.91	0.004	7.78 <sup>a</sup>	4.55	0.001	14.68 <sup>a</sup>	8.98	0.000	3.47	2.94	0.326
Michigan	5.18	5.08	0.789	9.70 <sup>a</sup>	6.67	0.000	11.90	10.78	0.182	3.37	3.90	0.237
Minnesota	3.93	4.10	0.696	6.37	5.23	0.229	8.79	9.07	0.831	2.70	3.15	0.386
Mississippi	4.40	4.94	0.215	8.48 <sup>b</sup>	6.45	0.076	10.05	10.72	0.629	2.64 <sup>a</sup>	3.68	0.040
Missouri	5.17	4.56	0.186	7.75 <sup>b</sup>	5.69	0.054	12.93	10.71	0.125	3.44	3.38	0.897
Montana	4.22	4.75	0.245	8.06	6.99	0.372	10.19	11.42	0.379	2.61	3.41	0.127

(continued)



**Table 8 Nonmedical Use of Pain Relievers in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Nebraska	3.82	3.98	0.694	7.31 <sup>a</sup>	4.85	0.019	10.05	8.85	0.352	2.11 <sup>b</sup>	3.01	0.065
Nevada	5.66	5.34	0.600	9.61 <sup>a</sup>	6.34	0.013	13.30	11.42	0.254	3.93	4.23	0.659
New Hampshire	5.33 <sup>b</sup>	4.46	0.064	7.91 <sup>b</sup>	5.88	0.066	16.19 <sup>a</sup>	11.55	0.005	3.28	3.18	0.845
New Jersey	3.61 <sup>a</sup>	4.50	0.038	5.89	5.21	0.493	9.95	10.99	0.462	2.42 <sup>a</sup>	3.44	0.042
New Mexico	5.18	5.41	0.704	8.36	8.36	1.000	10.80	11.10	0.843	3.64	4.04	0.573
New York	3.72	4.03	0.314	6.02 <sup>a</sup>	4.07	0.001	9.78 <sup>b</sup>	8.30	0.061	2.43 <sup>a</sup>	3.27	0.021
North Carolina	5.07	4.61	0.357	8.81 <sup>a</sup>	5.66	0.006	12.09	10.24	0.193	3.40	3.55	0.785
North Dakota	3.54	3.64	0.820	6.34 <sup>a</sup>	4.09	0.016	7.76	8.01	0.839	2.27	2.66	0.433
Ohio	4.53	5.00	0.155	7.09 <sup>a</sup>	5.82	0.040	11.98	10.87	0.205	2.90 <sup>a</sup>	3.92	0.010
Oklahoma	5.81	5.24	0.312	9.24 <sup>b</sup>	6.99	0.078	15.12 <sup>a</sup>	10.90	0.010	3.53	3.99	0.474
Oregon	5.73	5.72	0.984	9.20 <sup>a</sup>	6.77	0.042	14.56	13.75	0.623	3.78	4.32	0.420
Pennsylvania	3.81	4.05	0.414	6.24	5.61	0.303	10.86 <sup>a</sup>	9.06	0.030	2.36 <sup>b</sup>	3.03	0.054
Rhode Island	5.91	5.23	0.239	7.42 <sup>b</sup>	5.46	0.079	16.95 <sup>a</sup>	11.66	0.001	3.71	3.96	0.707
South Carolina	4.94	5.04	0.836	7.50	6.77	0.507	11.91	10.67	0.367	3.36	3.88	0.384
South Dakota	3.68	3.71	0.938	7.63 <sup>a</sup>	4.29	0.001	8.75	8.65	0.933	2.09	2.78	0.153
Tennessee	4.65	5.10	0.357	9.08 <sup>a</sup>	6.64	0.042	11.41	12.10	0.663	2.94	3.76	0.131
Texas	4.90	4.54	0.254	7.60 <sup>a</sup>	5.59	0.002	11.11 <sup>a</sup>	9.19	0.019	3.24	3.50	0.497
Utah	5.57 <sup>a</sup>	4.38	0.013	7.81 <sup>a</sup>	4.36	0.001	11.95 <sup>a</sup>	8.84	0.026	3.27	3.35	0.886
Vermont	5.37	4.64	0.118	8.93 <sup>a</sup>	5.64	0.003	14.60	12.02	0.104	3.31	3.26	0.931
Virginia	4.35	4.31	0.923	7.93 <sup>a</sup>	4.87	0.002	10.75	10.29	0.733	2.84	3.22	0.450
Washington	5.86	5.09	0.163	10.19 <sup>a</sup>	6.76	0.008	15.25 <sup>a</sup>	10.22	0.001	3.66	4.04	0.549
West Virginia	5.34 <sup>b</sup>	4.44	0.058	8.87 <sup>a</sup>	5.97	0.010	15.67 <sup>a</sup>	11.28	0.005	3.27	3.26	0.980
Wisconsin	4.66	4.46	0.669	7.58 <sup>a</sup>	5.34	0.035	12.67 <sup>a</sup>	9.24	0.016	2.81	3.55	0.175
Wyoming	4.98	4.33	0.174	8.00 <sup>a</sup>	4.83	0.003	12.68 <sup>a</sup>	8.97	0.009	3.08	3.46	0.486

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2011-2012 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

<sup>a</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2011, and 2012.

**Table 9 Alcohol Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Total U.S.	50.50 <sup>a</sup>	51.94	0.000	17.67 <sup>a</sup>	13.11	0.000	60.91	60.45	0.403	53.22 <sup>a</sup>	55.33	0.000
Northeast	55.33 <sup>a</sup>	57.31	0.007	19.24 <sup>a</sup>	15.81	0.000	66.19	65.84	0.697	58.21 <sup>a</sup>	60.71	0.006
Midwest	52.96 <sup>a</sup>	54.43	0.013	18.98 <sup>a</sup>	13.14	0.000	66.22 <sup>a</sup>	63.63	0.000	55.35 <sup>a</sup>	58.06	0.000
South	45.89 <sup>a</sup>	48.43	0.000	16.75 <sup>a</sup>	12.05	0.000	57.13	57.62	0.506	47.95 <sup>a</sup>	51.43	0.000
West	51.24	51.03	0.789	16.58 <sup>a</sup>	12.80	0.000	57.43	57.94	0.587	55.15	54.76	0.692
Alabama	36.83 <sup>a</sup>	43.21	0.001	15.00 <sup>a</sup>	11.36	0.012	50.96	52.65	0.510	37.27 <sup>a</sup>	45.56	0.001
Alaska	50.89 <sup>b</sup>	54.46	0.082	15.90	13.39	0.175	59.83	59.47	0.894	55.92	59.28	0.203
Arizona	50.20	50.85	0.758	18.69 <sup>a</sup>	13.07	0.002	58.45	57.05	0.595	53.29	54.75	0.588
Arkansas	38.93	40.35	0.480	16.71 <sup>a</sup>	12.25	0.005	53.79	50.71	0.250	39.34	42.14	0.271
California	50.97	49.60	0.251	15.28 <sup>a</sup>	13.08	0.025	55.53	57.76	0.124	55.38	52.96	0.116
Colorado	59.22	59.20	0.989	20.63 <sup>a</sup>	13.40	0.000	68.89	68.08	0.735	62.79	63.22	0.859
Connecticut	57.93 <sup>b</sup>	61.74	0.061	18.88	17.63	0.519	72.28	68.86	0.148	61.02 <sup>a</sup>	66.05	0.047
Delaware	53.06	52.55	0.804	18.35 <sup>a</sup>	13.87	0.008	62.71	63.73	0.691	55.89	55.14	0.772
District of Columbia	56.69 <sup>a</sup>	63.94	0.001	13.02	14.79	0.316	67.17 <sup>a</sup>	75.13	0.001	58.52 <sup>a</sup>	65.08	0.013
Florida	52.44	51.88	0.643	17.35 <sup>a</sup>	12.45	0.000	59.66	59.41	0.865	55.68	54.97	0.628
Georgia	46.07	46.71	0.741	15.09 <sup>a</sup>	10.87	0.004	52.19	52.73	0.837	49.41	50.50	0.659
Hawaii	48.71	50.86	0.336	17.96 <sup>a</sup>	12.44	0.002	58.57	57.12	0.594	51.28	54.12	0.310
Idaho	47.70	48.97	0.531	17.37 <sup>a</sup>	11.31	0.000	53.62 <sup>a</sup>	47.76	0.031	51.34	54.56	0.224
Illinois	51.71 <sup>a</sup>	55.40	0.001	18.65 <sup>a</sup>	13.14	0.000	64.16	64.08	0.953	54.10 <sup>a</sup>	59.37	0.000
Indiana	46.60 <sup>a</sup>	51.17	0.029	16.04 <sup>a</sup>	11.28	0.002	61.78	61.82	0.987	48.16 <sup>a</sup>	54.53	0.017
Iowa	55.37	56.46	0.603	20.18 <sup>a</sup>	14.59	0.001	67.28	67.11	0.947	57.79	59.74	0.469
Kansas	48.92	50.74	0.386	19.41 <sup>a</sup>	11.69	0.000	65.89 <sup>a</sup>	60.14	0.018	49.96	54.25	0.113
Kentucky	40.57 <sup>a</sup>	44.51	0.050	18.75 <sup>a</sup>	10.88	0.000	58.07	56.07	0.435	40.27 <sup>a</sup>	46.67	0.012
Louisiana	46.27 <sup>b</sup>	49.62	0.070	19.35 <sup>a</sup>	13.33	0.000	61.41	59.07	0.333	47.30 <sup>a</sup>	52.57	0.026
Maine	52.17	54.04	0.395	16.55 <sup>a</sup>	12.44	0.010	66.76	62.82	0.121	54.44	57.18	0.316
Maryland	54.67 <sup>b</sup>	58.19	0.091	17.14	14.67	0.139	64.21	66.08	0.451	58.34	62.16	0.141
Massachusetts	59.59 <sup>a</sup>	63.54	0.047	21.04 <sup>a</sup>	15.59	0.002	68.94	69.28	0.890	62.75 <sup>a</sup>	67.96	0.036
Michigan	53.78	53.74	0.968	19.23 <sup>a</sup>	13.35	0.000	66.30 <sup>a</sup>	62.30	0.002	56.54	57.42	0.541
Minnesota	58.45	58.57	0.952	19.54 <sup>a</sup>	13.10	0.000	70.68 <sup>a</sup>	64.24	0.011	61.73	63.19	0.571
Mississippi	35.54 <sup>a</sup>	41.17	0.005	14.72	13.01	0.280	50.24	54.10	0.147	35.72 <sup>a</sup>	42.62	0.007
Missouri	53.21	50.89	0.262	19.67 <sup>a</sup>	12.83	0.000	64.52	60.57	0.112	55.85	53.94	0.468
Montana	55.36 <sup>a</sup>	60.20	0.018	24.73 <sup>a</sup>	15.49	0.000	69.29	69.06	0.923	57.19 <sup>a</sup>	63.79	0.010

(continued)

**Table 9 Alcohol Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Nebraska	53.98	53.74	0.910	22.24 <sup>a</sup>	11.45	0.000	68.38 <sup>a</sup>	63.55	0.048	55.77	57.33	0.558
Nevada	50.68	52.82	0.334	18.40 <sup>a</sup>	13.61	0.012	56.37	59.47	0.250	54.12	56.66	0.357
New Hampshire	59.80	62.89	0.123	21.44 <sup>a</sup>	14.39	0.000	71.78	73.62	0.419	63.20	66.82	0.151
New Jersey	57.73	56.36	0.526	18.77	17.47	0.490	65.06	63.40	0.526	61.72	60.05	0.534
New Mexico	47.83	46.89	0.659	20.67 <sup>a</sup>	12.69	0.000	60.78 <sup>b</sup>	55.70	0.055	49.67	49.82	0.956
New York	54.71	55.49	0.530	19.49 <sup>a</sup>	16.56	0.007	64.34	65.17	0.568	57.59	58.29	0.652
North Carolina	40.59 <sup>a</sup>	47.56	0.001	16.12 <sup>a</sup>	12.48	0.020	56.43	60.40	0.124	41.18 <sup>a</sup>	49.72	0.001
North Dakota	58.04	59.12	0.598	25.23 <sup>a</sup>	12.78	0.000	73.06	71.02	0.386	59.42	61.82	0.356
Ohio	51.81	52.41	0.608	17.52 <sup>a</sup>	13.62	0.000	65.40 <sup>b</sup>	63.11	0.087	54.20	55.48	0.386
Oklahoma	42.94	46.22	0.114	16.04 <sup>a</sup>	10.68	0.001	58.23	56.23	0.464	43.81 <sup>b</sup>	49.01	0.051
Oregon	53.14 <sup>a</sup>	59.08	0.004	17.07 <sup>a</sup>	12.50	0.006	65.32	61.99	0.185	55.79 <sup>a</sup>	63.89	0.002
Pennsylvania	51.10 <sup>a</sup>	55.47	0.000	18.06 <sup>a</sup>	13.45	0.000	64.85	64.28	0.700	53.14 <sup>a</sup>	58.82	0.000
Rhode Island	58.96 <sup>a</sup>	63.35	0.031	22.12 <sup>a</sup>	15.74	0.001	76.07	73.46	0.232	60.38 <sup>a</sup>	66.80	0.013
South Carolina	45.07 <sup>a</sup>	50.32	0.011	14.36	12.18	0.148	61.10	60.54	0.825	46.35 <sup>a</sup>	53.09	0.009
South Dakota	55.18	57.29	0.265	22.07 <sup>a</sup>	14.13	0.000	71.49	67.82	0.130	56.98	60.79	0.114
Tennessee	36.27	39.15	0.147	13.27 <sup>a</sup>	10.17	0.030	46.50	49.74	0.245	37.48	40.93	0.165
Texas	47.27	48.19	0.416	17.56 <sup>a</sup>	11.91	0.000	57.99	56.57	0.322	49.86	51.92	0.159
Utah	29.57	29.61	0.984	10.23 <sup>b</sup>	7.50	0.082	35.74	33.42	0.429	31.40	32.52	0.688
Vermont	58.43	58.57	0.945	22.00 <sup>a</sup>	17.25	0.017	73.45	71.15	0.318	60.69	60.89	0.939
Virginia	51.17 <sup>a</sup>	55.13	0.050	18.40 <sup>a</sup>	12.15	0.000	61.25	63.50	0.374	53.91 <sup>b</sup>	58.84	0.051
Washington	56.31	55.70	0.759	18.15 <sup>a</sup>	12.92	0.002	63.66	62.61	0.655	60.33	59.65	0.787
West Virginia	37.20	37.53	0.873	18.28 <sup>a</sup>	13.45	0.006	53.18	55.99	0.260	36.81	37.27	0.857
Wisconsin	57.92	60.96	0.137	21.39 <sup>a</sup>	14.83	0.000	72.05	69.06	0.196	60.48 <sup>b</sup>	65.23	0.068
Wyoming	52.14	53.24	0.603	18.30 <sup>a</sup>	14.11	0.023	66.48 <sup>b</sup>	62.04	0.092	54.35	56.32	0.467

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2011-2012 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

<sup>a</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2011, and 2012.

**Table 10 Binge Alcohol Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Total U.S.	22.75	22.80	0.864	10.65 <sup>a</sup>	7.31	0.000	41.25 <sup>a</sup>	39.65	0.004	21.20 <sup>b</sup>	21.83	0.089
Northeast	23.82	24.64	0.144	11.33 <sup>a</sup>	8.26	0.000	44.69	44.74	0.950	22.10	23.17	0.121
Midwest	25.18	25.20	0.963	12.11 <sup>a</sup>	7.61	0.000	47.13 <sup>a</sup>	44.06	0.000	23.09 <sup>a</sup>	24.21	0.049
South	21.22	21.48	0.543	9.68 <sup>a</sup>	6.86	0.000	38.12 <sup>a</sup>	36.44	0.016	19.87 <sup>b</sup>	20.74	0.096
West	21.81	21.24	0.303	10.19 <sup>a</sup>	7.06	0.000	37.60	36.87	0.441	20.61	20.27	0.631
Alabama	18.10	20.03	0.169	8.23	7.12	0.280	34.97 <sup>a</sup>	30.65	0.050	16.45 <sup>b</sup>	19.79	0.059
Alaska	23.13	23.63	0.743	11.42 <sup>a</sup>	6.74	0.000	41.22	40.65	0.820	22.26	22.83	0.769
Arizona	24.32	21.79	0.105	11.94 <sup>a</sup>	6.79	0.000	41.43	37.91	0.179	23.04	20.97	0.287
Arkansas	21.76	20.42	0.365	11.31 <sup>a</sup>	7.54	0.001	39.76 <sup>a</sup>	33.36	0.009	19.99	19.84	0.936
California	21.25	20.76	0.568	9.16 <sup>a</sup>	7.01	0.003	35.41	35.76	0.812	20.43	19.79	0.556
Colorado	25.75 <sup>b</sup>	23.00	0.081	11.04 <sup>a</sup>	7.11	0.001	46.73	42.81	0.130	24.10	21.57	0.196
Connecticut	23.09	25.70	0.117	11.18 <sup>a</sup>	8.05	0.017	48.14	46.93	0.639	21.04 <sup>b</sup>	24.55	0.085
Delaware	23.71	22.91	0.594	10.46 <sup>a</sup>	6.81	0.002	42.89	43.23	0.896	22.12	21.31	0.662
District of Columbia	25.34 <sup>a</sup>	32.57	0.000	5.62	5.58	0.963	39.25 <sup>a</sup>	51.81	0.000	24.35 <sup>a</sup>	30.10	0.011
Florida	21.74	21.16	0.529	9.50 <sup>a</sup>	6.80	0.000	39.02 <sup>a</sup>	36.07	0.036	20.76	20.43	0.771
Georgia	20.73	19.42	0.362	8.20 <sup>b</sup>	6.45	0.071	33.73	31.97	0.480	20.17	18.94	0.490
Hawaii	23.68	21.85	0.269	11.93 <sup>a</sup>	6.86	0.000	41.12	38.85	0.389	22.47	20.86	0.422
Idaho	21.05	19.90	0.447	11.57 <sup>a</sup>	7.16	0.000	36.12 <sup>a</sup>	30.75	0.030	19.45	19.78	0.864
Illinois	25.17	25.78	0.523	11.70 <sup>a</sup>	7.50	0.000	46.77	44.77	0.164	23.22	24.91	0.162
Indiana	22.27	24.01	0.231	9.82 <sup>a</sup>	7.16	0.013	45.11	43.11	0.416	19.83	22.84	0.102
Iowa	26.34	27.54	0.456	13.85 <sup>a</sup>	8.67	0.000	48.87	50.30	0.593	23.72	25.84	0.293
Kansas	21.71	23.37	0.259	11.56 <sup>a</sup>	7.73	0.002	45.26 <sup>b</sup>	40.91	0.094	18.63 <sup>a</sup>	22.28	0.049
Kentucky	19.24 <sup>a</sup>	22.27	0.031	11.08 <sup>a</sup>	7.49	0.002	38.83	41.19	0.356	16.86 <sup>a</sup>	20.94	0.020
Louisiana	23.77	25.06	0.373	10.87 <sup>a</sup>	7.03	0.000	40.36	37.88	0.274	22.39	25.02	0.154
Maine	21.74	21.48	0.863	11.12 <sup>a</sup>	7.48	0.002	44.67	42.25	0.335	19.64	20.02	0.833
Maryland	21.65	23.05	0.361	9.43 <sup>a</sup>	7.20	0.041	39.77	43.18	0.194	20.48	21.64	0.537
Massachusetts	27.22	26.62	0.726	14.19 <sup>a</sup>	8.44	0.000	46.98	47.21	0.930	25.64	25.05	0.782
Michigan	24.46	24.76	0.742	12.06 <sup>a</sup>	7.67	0.000	44.49	42.94	0.242	22.75	23.81	0.359
Minnesota	28.07	26.90	0.474	13.27 <sup>a</sup>	7.92	0.000	49.84	46.92	0.274	26.22	25.94	0.888
Mississippi	19.70	20.06	0.802	8.52	7.17	0.197	32.24	32.72	0.840	18.86	19.49	0.731
Missouri	24.56	23.20	0.381	12.61 <sup>a</sup>	7.60	0.000	43.89 <sup>b</sup>	39.37	0.065	22.80	22.38	0.825
Montana	27.41	25.50	0.249	17.85 <sup>a</sup>	8.93	0.000	50.83	48.04	0.271	24.58	23.70	0.674

(continued)

**Table 10 Binge Alcohol Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Nebraska	26.26	24.07	0.156	14.30 <sup>a</sup>	7.23	0.000	49.83 <sup>a</sup>	41.90	0.002	23.44	23.05	0.841
Nevada	20.87 <sup>a</sup>	24.15	0.050	10.90 <sup>a</sup>	6.90	0.001	33.81	37.59	0.159	20.17 <sup>b</sup>	24.15	0.054
New Hampshire	24.02	24.02	0.995	13.29 <sup>a</sup>	8.66	0.001	49.11	50.51	0.589	21.59	21.64	0.980
New Jersey	21.74	23.45	0.272	10.11	8.66	0.247	41.95	45.99	0.133	20.36	21.86	0.430
New Mexico	24.00	21.38	0.104	14.04 <sup>a</sup>	7.60	0.000	41.39	37.09	0.103	22.31	20.45	0.356
New York	24.27	24.22	0.963	10.71 <sup>a</sup>	8.48	0.005	42.55	42.62	0.961	22.96	22.80	0.900
North Carolina	19.31	18.26	0.454	10.02 <sup>a</sup>	6.90	0.006	38.03	34.26	0.141	17.40	17.00	0.817
North Dakota	31.37	30.37	0.561	16.58 <sup>a</sup>	7.47	0.000	55.15	53.79	0.619	28.43	27.96	0.832
Ohio	24.40	24.20	0.821	11.31 <sup>a</sup>	7.47	0.000	45.99 <sup>a</sup>	43.01	0.033	22.50	23.19	0.529
Oklahoma	19.01 <sup>b</sup>	21.78	0.052	10.70 <sup>a</sup>	6.86	0.001	37.98	38.22	0.924	16.53 <sup>a</sup>	20.75	0.018
Oregon	20.52	22.39	0.200	10.70 <sup>a</sup>	7.83	0.016	40.58	39.43	0.653	18.40	21.33	0.101
Pennsylvania	22.83 <sup>a</sup>	24.81	0.035	11.24 <sup>a</sup>	7.52	0.000	45.96	43.98	0.169	20.59 <sup>a</sup>	23.58	0.010
Rhode Island	26.97 <sup>b</sup>	30.11	0.078	12.73 <sup>a</sup>	8.63	0.003	55.31	53.92	0.599	23.56 <sup>b</sup>	27.94	0.052
South Carolina	22.54	23.94	0.359	8.80	7.16	0.128	42.03	39.80	0.366	20.93	23.23	0.228
South Dakota	28.13	28.94	0.618	15.85 <sup>a</sup>	9.12	0.000	54.15	52.06	0.431	24.89	27.37	0.225
Tennessee	16.55	18.04	0.277	8.39 <sup>b</sup>	6.46	0.075	29.89	31.57	0.500	15.34	17.21	0.260
Texas	23.90	23.55	0.697	9.84 <sup>a</sup>	6.76	0.000	40.02 <sup>a</sup>	37.08	0.032	22.96	23.45	0.672
Utah	15.86	15.83	0.980	7.86 <sup>a</sup>	5.50	0.039	24.95	24.24	0.767	14.70	15.65	0.604
Vermont	25.51 <sup>b</sup>	22.86	0.093	14.70 <sup>a</sup>	9.94	0.001	49.19	49.52	0.902	22.87	19.71	0.102
Virginia	20.51	20.85	0.818	10.70 <sup>a</sup>	6.52	0.000	40.44	38.74	0.509	18.58	19.51	0.617
Washington	20.94	21.42	0.737	11.06 <sup>a</sup>	7.56	0.003	41.67	40.90	0.754	18.76	19.84	0.540
West Virginia	19.33	19.78	0.748	13.11 <sup>a</sup>	8.74	0.001	38.11	40.18	0.384	17.02	17.89	0.610
Wisconsin	28.98	27.42	0.388	13.48 <sup>a</sup>	7.60	0.000	54.87 <sup>a</sup>	46.19	0.001	26.50	26.71	0.927
Wyoming	24.93	23.29	0.283	12.94 <sup>a</sup>	7.90	0.000	49.68	45.36	0.104	21.98	21.26	0.704

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2011-2012 estimates. 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 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.

<sup>a</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2011, and 2012.

**Table 11 Perceptions of Great Risk of 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, 2002-2003 and 2011-2012 NSDUHs**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Total U.S.	42.04	42.24	0.559	38.36 <sup>a</sup>	40.21	0.000	32.56 <sup>a</sup>	34.50	0.000	44.20	43.84	0.443
Northeast	39.65 <sup>b</sup>	40.79	0.093	36.76 <sup>a</sup>	38.92	0.009	28.81 <sup>a</sup>	31.73	0.000	41.75	42.54	0.356
Midwest	38.83	37.95	0.102	37.30	37.43	0.835	28.48 <sup>a</sup>	29.97	0.015	40.89 <sup>a</sup>	39.38	0.026
South	44.60	44.30	0.577	40.12 <sup>a</sup>	42.59	0.000	35.85 <sup>a</sup>	37.53	0.007	46.74	45.68	0.123
West	43.24	44.08	0.235	37.93 <sup>a</sup>	39.97	0.022	34.44 <sup>b</sup>	35.95	0.100	45.63	46.09	0.613
Alabama	46.19	44.83	0.460	42.74	42.69	0.984	37.64	38.73	0.641	48.17	46.18	0.391
Alaska	40.78	39.37	0.463	35.13	37.39	0.333	29.24	32.91	0.130	43.78	40.86	0.238
Arizona	39.54 <sup>a</sup>	44.51	0.013	36.77	40.43	0.145	33.66	36.39	0.275	41.00 <sup>a</sup>	46.46	0.032
Arkansas	43.34	42.30	0.586	41.25	40.10	0.625	35.99	34.80	0.623	44.93	43.86	0.656
California	45.47	46.34	0.439	38.79	41.05	0.109	37.05	38.14	0.468	48.00	48.58	0.685
Colorado	38.39	39.24	0.656	32.48	36.37	0.101	28.41	28.70	0.900	40.94	41.37	0.856
Connecticut	39.85	42.21	0.231	36.18	37.97	0.457	27.52	29.79	0.320	42.12	44.68	0.299
Delaware	39.62	40.92	0.482	39.63	39.75	0.962	29.37 <sup>a</sup>	34.53	0.041	41.39	42.15	0.738
District of Columbia	45.47 <sup>a</sup>	39.90	0.005	43.87	43.25	0.808	37.24 <sup>a</sup>	31.45	0.026	47.24 <sup>a</sup>	41.64	0.023
Florida	44.38 <sup>b</sup>	46.50	0.076	40.02 <sup>b</sup>	42.32	0.094	37.54 <sup>a</sup>	41.00	0.013	45.89	47.78	0.201
Georgia	47.12 <sup>a</sup>	43.28	0.047	42.61	43.40	0.745	38.37	37.64	0.766	49.36 <sup>a</sup>	44.28	0.036
Hawaii	39.86	40.39	0.794	38.93	40.30	0.591	32.94	31.49	0.566	41.09	41.78	0.783
Idaho	39.96	39.03	0.610	37.53	34.60	0.188	30.42	32.15	0.470	42.33	40.90	0.541
Illinois	40.66	40.80	0.903	38.28	40.43	0.109	31.51	32.32	0.534	42.61	42.29	0.823
Indiana	42.73 <sup>a</sup>	37.78	0.009	40.32	38.15	0.366	30.82	30.00	0.715	45.27 <sup>a</sup>	39.12	0.010
Iowa	34.19	35.10	0.628	31.78	34.84	0.177	25.92	27.80	0.400	36.09	36.43	0.885
Kansas	40.70 <sup>b</sup>	37.24	0.072	38.43	36.53	0.436	28.12	28.19	0.974	43.47 <sup>b</sup>	38.98	0.067
Kentucky	42.34	41.81	0.778	39.08	39.49	0.861	33.87	35.99	0.370	44.23	43.05	0.622
Louisiana	43.83	42.32	0.385	39.89 <sup>b</sup>	44.17	0.061	35.50	38.90	0.131	46.10	42.73	0.129
Maine	36.26	36.62	0.851	32.80	36.35	0.121	24.59 <sup>b</sup>	28.10	0.092	38.44	37.85	0.803
Maryland	41.88	43.58	0.395	38.85 <sup>a</sup>	44.83	0.015	35.09	35.45	0.883	43.37	44.78	0.571
Massachusetts	34.67 <sup>a</sup>	38.98	0.026	34.03	34.74	0.753	24.06 <sup>a</sup>	29.13	0.023	36.44 <sup>a</sup>	41.20	0.048
Michigan	39.74	39.66	0.942	38.10	38.39	0.827	29.27 <sup>b</sup>	31.44	0.072	41.79	41.24	0.690
Minnesota	36.35	36.80	0.807	36.49	33.05	0.134	24.65	26.12	0.495	38.45	39.01	0.811
Mississippi	49.91 <sup>b</sup>	46.11	0.056	44.09	44.99	0.716	41.78	40.68	0.669	52.44 <sup>a</sup>	47.26	0.041
Missouri	38.35	36.69	0.364	36.71	38.53	0.400	28.92	30.70	0.417	40.25	37.49	0.232
Montana	36.33	37.94	0.398	31.95	33.91	0.361	24.62	27.04	0.251	39.04	40.17	0.640

(continued)

**Table 11 Perceptions of Great Risk of 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, 2002-2003 and 2011-2012 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Nebraska	37.99	37.06	0.606	35.97	39.31	0.166	25.27	26.87	0.451	40.73	38.57	0.345
Nevada	41.75	42.76	0.618	38.57	39.88	0.607	35.01	36.52	0.548	43.24	44.13	0.722
New Hampshire	33.32 <sup>a</sup>	37.43	0.037	27.98 <sup>a</sup>	35.16	0.002	20.30 <sup>a</sup>	26.41	0.002	36.08	39.42	0.177
New Jersey	44.79	42.97	0.361	38.38	39.71	0.579	34.09	32.59	0.529	47.14	44.93	0.373
New Mexico	47.07	46.08	0.627	40.01	38.30	0.507	37.35	39.42	0.424	49.98	48.25	0.511
New York	41.50 <sup>b</sup>	43.45	0.100	39.15	41.17	0.165	31.25 <sup>a</sup>	34.66	0.012	43.50	45.27	0.236
North Carolina	45.72	43.86	0.342	39.55	41.11	0.535	33.43	36.07	0.276	48.60	45.48	0.201
North Dakota	33.65	35.54	0.314	32.51	34.96	0.291	23.09 <sup>b</sup>	26.80	0.089	36.02	37.46	0.547
Ohio	37.72	37.27	0.674	37.89	36.69	0.365	28.46	29.99	0.214	39.29	38.54	0.588
Oklahoma	43.77	43.44	0.868	37.84	39.71	0.450	31.48 <sup>a</sup>	39.12	0.003	46.98	44.70	0.368
Oregon	39.88	38.18	0.373	36.22	35.07	0.613	29.13	30.97	0.404	42.18	39.68	0.289
Pennsylvania	37.29	37.02	0.812	35.40 <sup>a</sup>	38.50	0.025	26.27 <sup>a</sup>	29.79	0.006	39.32	38.07	0.385
Rhode Island	36.25	37.28	0.601	34.95	37.03	0.384	27.75	30.28	0.269	37.96	38.66	0.775
South Carolina	45.48	42.65	0.153	42.76	43.06	0.899	32.65	34.48	0.432	48.11	44.00	0.103
South Dakota	35.95	36.24	0.880	33.49	36.18	0.239	23.15 <sup>b</sup>	27.17	0.069	38.83	37.83	0.686
Tennessee	45.42	43.05	0.224	41.10	42.52	0.567	34.76	37.76	0.231	47.77	43.99	0.119
Texas	44.61	46.31	0.109	38.81 <sup>a</sup>	43.76	0.000	37.33	38.04	0.624	46.96	48.25	0.346
Utah	50.94 <sup>a</sup>	46.23	0.024	47.56	47.15	0.883	40.56	40.27	0.916	54.64 <sup>a</sup>	47.45	0.012
Vermont	37.08	37.71	0.748	30.43	31.12	0.754	22.04	24.77	0.193	40.56	40.64	0.975
Virginia	42.20	41.33	0.663	40.32	41.38	0.660	31.25	33.62	0.296	44.23	42.65	0.525
Washington	39.20	41.42	0.258	35.22	38.14	0.224	27.05 <sup>a</sup>	31.38	0.046	41.83	43.47	0.505
West Virginia	42.90	39.83	0.116	34.10	36.98	0.218	33.85	30.45	0.133	45.37	41.53	0.110
Wisconsin	36.57	35.25	0.483	34.07	33.99	0.974	25.07 <sup>b</sup>	28.79	0.086	38.99	36.49	0.295
Wyoming	37.38	35.57	0.337	35.00	36.82	0.422	22.86	26.33	0.121	40.48	37.04	0.148

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2011-2012 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

<sup>a</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2011, and 2012.

**Table 12 Alcohol Use and Binge Alcohol Use in the Past Month among Persons Aged 12 to 20, by State: Percentages and P Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs**

State	Alcohol Use in Past Month (2002-2003)	Alcohol Use in Past Month (2011-2012)	Alcohol Use in Past Month (P Value)	Binge Alcohol Use in Past Month (2002-2003)	Binge Alcohol Use in Past Month (2011-2012)	Binge Alcohol Use in Past Month (P Value)
Total U.S.	28.89 <sup>a</sup>	24.70	0.000	19.22 <sup>a</sup>	15.55	0.000
Northeast	31.50 <sup>a</sup>	29.18	0.001	20.74 <sup>a</sup>	18.01	0.000
Midwest	31.65 <sup>a</sup>	25.49	0.000	21.99 <sup>a</sup>	16.91	0.000
South	27.17 <sup>a</sup>	22.37	0.000	17.54 <sup>a</sup>	14.09	0.000
West	26.82 <sup>a</sup>	24.28	0.000	17.91 <sup>a</sup>	14.77	0.000
Alabama	24.88 <sup>a</sup>	20.45	0.005	16.45 <sup>a</sup>	13.01	0.007
Alaska	26.43 <sup>a</sup>	22.90	0.046	19.42 <sup>a</sup>	15.00	0.001
Arizona	28.64 <sup>a</sup>	22.95	0.002	19.76 <sup>a</sup>	14.00	0.000
Arkansas	25.16 <sup>b</sup>	22.01	0.057	18.84 <sup>a</sup>	15.34	0.013
California	24.67	25.18	0.630	16.09	14.99	0.198
Colorado	33.02 <sup>a</sup>	25.51	0.000	21.31 <sup>a</sup>	14.97	0.000
Connecticut	32.63	30.72	0.284	21.42 <sup>b</sup>	18.60	0.069
Delaware	31.13 <sup>b</sup>	27.54	0.056	20.37 <sup>a</sup>	16.99	0.031
District of Columbia	31.16 <sup>a</sup>	38.42	0.001	16.58 <sup>a</sup>	21.77	0.008
Florida	27.50 <sup>a</sup>	23.93	0.000	16.87 <sup>a</sup>	14.42	0.002
Georgia	24.15 <sup>a</sup>	19.69	0.005	15.31 <sup>a</sup>	12.05	0.005
Hawaii	28.58 <sup>a</sup>	21.51	0.000	20.77 <sup>a</sup>	13.01	0.000
Idaho	26.66 <sup>a</sup>	19.99	0.000	18.81 <sup>a</sup>	13.38	0.000
Illinois	30.52 <sup>a</sup>	25.12	0.000	21.63 <sup>a</sup>	16.48	0.000
Indiana	27.53 <sup>a</sup>	24.23	0.044	18.75 <sup>b</sup>	16.43	0.099
Iowa	34.35 <sup>a</sup>	28.11	0.001	24.68 <sup>a</sup>	19.54	0.002
Kansas	31.31 <sup>a</sup>	24.25	0.000	21.90 <sup>a</sup>	16.61	0.000
Kentucky	28.99 <sup>a</sup>	20.66	0.000	19.61 <sup>a</sup>	15.11	0.001
Louisiana	31.05 <sup>a</sup>	24.01	0.000	18.97 <sup>a</sup>	14.47	0.000
Maine	30.23 <sup>a</sup>	24.72	0.001	22.54 <sup>a</sup>	16.18	0.000
Maryland	28.10 <sup>b</sup>	24.98	0.068	17.52 <sup>a</sup>	14.40	0.015
Massachusetts	32.50	30.75	0.336	22.40 <sup>a</sup>	19.07	0.031
Michigan	31.83 <sup>a</sup>	25.93	0.000	21.36 <sup>a</sup>	17.14	0.000
Minnesota	33.36 <sup>a</sup>	23.98	0.000	24.17 <sup>a</sup>	16.49	0.000
Mississippi	24.01	22.03	0.240	15.72 <sup>a</sup>	12.98	0.040
Missouri	32.41 <sup>a</sup>	22.99	0.000	21.16 <sup>a</sup>	14.82	0.000
Montana	38.39 <sup>a</sup>	29.93	0.000	28.80 <sup>a</sup>	19.65	0.000

(continued)



**Table 12 Alcohol Use and Binge Alcohol Use in the Past Month among Persons Aged 12 to 20, by State: Percentages and P Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs (continued)**

State	Alcohol Use in Past Month (2002-2003)	Alcohol Use in Past Month (2011-2012)	Alcohol Use in Past Month (P Value)	Binge Alcohol Use in Past Month (2002-2003)	Binge Alcohol Use in Past Month (2011-2012)	Binge Alcohol Use in Past Month (P Value)
Nebraska	34.98 <sup>a</sup>	24.92	0.000	23.77 <sup>a</sup>	16.66	0.000
Nevada	26.87	25.26	0.391	16.81	14.57	0.122
New Hampshire	35.98	34.84	0.535	25.02	23.12	0.243
New Jersey	29.38	28.96	0.821	17.59	18.35	0.613
New Mexico	32.37 <sup>a</sup>	21.65	0.000	22.15 <sup>a</sup>	14.08	0.000
New York	31.59 <sup>b</sup>	29.51	0.066	20.34 <sup>a</sup>	17.67	0.003
North Carolina	26.71 <sup>a</sup>	21.25	0.001	17.99 <sup>a</sup>	12.63	0.000
North Dakota	41.54 <sup>a</sup>	32.83	0.000	31.04 <sup>a</sup>	24.21	0.000
Ohio	30.13 <sup>a</sup>	26.44	0.000	20.95 <sup>a</sup>	17.21	0.000
Oklahoma	28.47 <sup>a</sup>	22.30	0.000	19.07 <sup>a</sup>	14.87	0.003
Oregon	28.22 <sup>a</sup>	24.47	0.028	18.61	16.36	0.115
Pennsylvania	30.86 <sup>a</sup>	26.99	0.000	21.05 <sup>a</sup>	16.77	0.000
Rhode Island	38.31 <sup>a</sup>	31.48	0.000	26.58 <sup>a</sup>	20.44	0.000
South Carolina	27.25 <sup>a</sup>	22.22	0.002	18.05 <sup>a</sup>	14.49	0.008
South Dakota	37.21 <sup>a</sup>	26.31	0.000	28.52 <sup>a</sup>	19.15	0.000
Tennessee	23.80 <sup>a</sup>	18.21	0.001	15.95 <sup>a</sup>	11.94	0.004
Texas	27.35 <sup>a</sup>	22.37	0.000	17.14 <sup>a</sup>	14.06	0.000
Utah	19.41 <sup>a</sup>	15.73	0.050	15.43 <sup>a</sup>	10.82	0.003
Vermont	35.56	33.09	0.195	25.77 <sup>a</sup>	21.45	0.008
Virginia	30.33 <sup>a</sup>	23.94	0.000	20.47 <sup>a</sup>	16.02	0.002
Washington	31.54 <sup>a</sup>	24.17	0.000	21.02 <sup>a</sup>	14.99	0.000
West Virginia	28.84	26.87	0.271	21.48	21.10	0.801
Wisconsin	34.72 <sup>a</sup>	27.54	0.000	24.45 <sup>a</sup>	17.66	0.000
Wyoming	33.64 <sup>a</sup>	27.21	0.001	24.93 <sup>a</sup>	18.31	0.000

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2011-2012 estimates. 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 on the same occasion (i.e., at the same time or within a couple hours of each other) on at least 1 day in the past 30 days.

<sup>a</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2011, and 2012.

**Table 13 Tobacco Product Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Total U.S.	30.09 <sup>a</sup>	26.60	0.000	14.83 <sup>a</sup>	9.30	0.000	45.02 <sup>a</sup>	38.75	0.000	29.59 <sup>a</sup>	26.67	0.000
Northeast	29.21 <sup>a</sup>	25.62	0.000	14.42 <sup>a</sup>	9.46	0.000	45.89 <sup>a</sup>	38.04	0.000	28.45 <sup>a</sup>	25.42	0.000
Midwest	32.85 <sup>a</sup>	29.49	0.000	16.97 <sup>a</sup>	10.47	0.000	49.35 <sup>a</sup>	43.29	0.000	32.12 <sup>a</sup>	29.53	0.000
South	31.66 <sup>a</sup>	27.99	0.000	15.72 <sup>a</sup>	9.50	0.000	45.84 <sup>a</sup>	39.18	0.000	31.39 <sup>a</sup>	28.39	0.000
West	25.56 <sup>a</sup>	22.49	0.000	11.70 <sup>a</sup>	7.83	0.000	38.83 <sup>a</sup>	34.60	0.000	25.15 <sup>a</sup>	22.23	0.000
Alabama	33.02	32.20	0.657	16.66 <sup>a</sup>	10.77	0.000	45.20	43.71	0.524	33.07	32.87	0.935
Alaska	30.73	31.53	0.668	16.39 <sup>a</sup>	10.30	0.000	48.43	46.56	0.473	30.42	31.72	0.589
Arizona	30.45 <sup>a</sup>	25.99	0.015	15.11 <sup>a</sup>	7.93	0.000	39.80	37.36	0.381	31.00 <sup>a</sup>	26.39	0.050
Arkansas	39.35 <sup>a</sup>	31.62	0.000	19.57 <sup>a</sup>	11.68	0.000	55.88 <sup>a</sup>	42.67	0.000	39.12 <sup>a</sup>	32.25	0.005
California	22.45 <sup>a</sup>	19.40	0.001	9.22 <sup>a</sup>	6.56	0.000	35.14 <sup>a</sup>	31.10	0.003	22.07 <sup>a</sup>	18.93	0.009
Colorado	31.24	28.50	0.114	17.44 <sup>a</sup>	10.63	0.000	49.95 <sup>a</sup>	43.10	0.007	29.86	28.19	0.443
Connecticut	27.06	24.69	0.174	15.19 <sup>a</sup>	8.44	0.000	46.14 <sup>a</sup>	37.70	0.001	25.86	24.64	0.578
Delaware	29.52	28.04	0.377	16.30 <sup>a</sup>	10.07	0.000	46.47 <sup>a</sup>	40.16	0.015	28.32	28.06	0.902
District of Columbia	29.21 <sup>a</sup>	25.32	0.032	9.53 <sup>a</sup>	6.11	0.005	37.39	33.58	0.133	29.34 <sup>a</sup>	24.86	0.048
Florida	28.14 <sup>a</sup>	24.59	0.001	14.34 <sup>a</sup>	7.24	0.000	41.55 <sup>a</sup>	34.87	0.000	27.91 <sup>a</sup>	24.87	0.020
Georgia	30.88 <sup>a</sup>	26.53	0.012	15.79 <sup>a</sup>	10.27	0.000	41.74 <sup>a</sup>	36.28	0.034	31.07 <sup>b</sup>	27.00	0.065
Hawaii	24.62 <sup>a</sup>	20.31	0.008	12.33 <sup>a</sup>	8.57	0.009	36.59	33.79	0.272	24.37 <sup>a</sup>	19.50	0.016
Idaho	28.09	25.90	0.211	14.70 <sup>a</sup>	9.25	0.000	43.08 <sup>a</sup>	35.30	0.003	27.13	26.60	0.811
Illinois	30.91 <sup>a</sup>	26.40	0.000	14.97 <sup>a</sup>	8.46	0.000	46.68 <sup>a</sup>	39.94	0.000	30.33 <sup>a</sup>	26.41	0.002
Indiana	33.09	32.86	0.895	16.84 <sup>a</sup>	10.93	0.000	49.30 <sup>b</sup>	44.66	0.063	32.42	33.65	0.581
Iowa	30.88 <sup>a</sup>	26.69	0.018	16.34 <sup>a</sup>	10.57	0.000	48.67 <sup>a</sup>	42.53	0.016	29.44	25.88	0.113
Kansas	31.24	29.60	0.355	15.57 <sup>a</sup>	10.46	0.001	45.68	43.80	0.450	30.73	29.58	0.615
Kentucky	39.78	38.45	0.508	23.18 <sup>a</sup>	14.50	0.000	58.88 <sup>b</sup>	54.07	0.057	38.54	38.76	0.930
Louisiana	32.70	32.95	0.882	17.58 <sup>a</sup>	9.96	0.000	48.21 <sup>a</sup>	41.32	0.004	31.87	34.39	0.256
Maine	31.33	28.46	0.125	13.55 <sup>a</sup>	10.09	0.022	50.44 <sup>a</sup>	44.04	0.010	30.69	28.18	0.278
Maryland	27.13 <sup>a</sup>	23.39	0.026	12.70 <sup>a</sup>	7.53	0.000	42.05 <sup>a</sup>	36.29	0.021	26.76 <sup>b</sup>	23.17	0.085
Massachusetts	26.09	23.81	0.163	14.37 <sup>a</sup>	10.92	0.023	42.53 <sup>a</sup>	34.22	0.001	24.88	23.43	0.479
Michigan	32.56 <sup>b</sup>	30.77	0.084	15.89 <sup>a</sup>	10.77	0.000	47.64 <sup>a</sup>	44.30	0.012	32.32	30.99	0.319
Minnesota	31.44 <sup>a</sup>	26.84	0.010	17.69 <sup>a</sup>	10.56	0.000	51.31 <sup>a</sup>	44.04	0.007	29.78 <sup>b</sup>	26.01	0.090
Mississippi	35.49	35.53	0.986	16.57 <sup>a</sup>	12.86	0.026	47.77	46.46	0.613	35.87	36.60	0.765
Missouri	36.69 <sup>a</sup>	31.76	0.007	21.01 <sup>a</sup>	12.28	0.000	51.76 <sup>a</sup>	44.39	0.003	36.19 <sup>b</sup>	32.02	0.072
Montana	34.18 <sup>b</sup>	30.98	0.071	21.16 <sup>a</sup>	15.47	0.002	53.76	49.68	0.102	32.51	29.68	0.208

(continued)

**Table 13 Tobacco Product Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Nebraska	30.59 <sup>a</sup>	26.45	0.016	18.86 <sup>a</sup>	9.84	0.000	48.81 <sup>a</sup>	40.15	0.001	28.76	26.13	0.234
Nevada	34.99 <sup>a</sup>	26.99	0.000	15.31 <sup>a</sup>	9.10	0.000	42.38	39.60	0.314	36.47 <sup>a</sup>	27.20	0.000
New Hampshire	31.71 <sup>a</sup>	26.13	0.003	16.82 <sup>a</sup>	10.93	0.000	50.33 <sup>a</sup>	42.86	0.002	30.86 <sup>a</sup>	25.26	0.016
New Jersey	26.84 <sup>a</sup>	23.33	0.050	13.65 <sup>a</sup>	8.71	0.001	44.45 <sup>a</sup>	36.81	0.003	26.04	23.08	0.179
New Mexico	29.03 <sup>b</sup>	26.07	0.098	15.37 <sup>a</sup>	11.31	0.019	45.26	42.98	0.389	28.14	25.07	0.180
New York	28.82 <sup>a</sup>	24.12	0.000	12.78 <sup>a</sup>	7.95	0.000	43.64 <sup>a</sup>	35.53	0.000	28.40 <sup>a</sup>	23.98	0.001
North Carolina	35.90 <sup>a</sup>	28.03	0.000	17.97 <sup>a</sup>	9.34	0.000	50.13 <sup>a</sup>	39.55	0.000	35.88 <sup>a</sup>	28.41	0.001
North Dakota	32.51	29.80	0.126	20.88 <sup>a</sup>	11.30	0.000	49.74 <sup>b</sup>	45.20	0.068	30.50	28.62	0.407
Ohio	36.03 <sup>a</sup>	32.20	0.000	17.27 <sup>a</sup>	11.57	0.000	51.79 <sup>a</sup>	46.18	0.000	35.91 <sup>a</sup>	32.46	0.013
Oklahoma	35.86	35.11	0.700	17.60 <sup>a</sup>	12.33	0.003	52.96 <sup>a</sup>	46.83	0.022	35.16	35.94	0.757
Oregon	30.19 <sup>a</sup>	26.34	0.027	14.42 <sup>a</sup>	8.91	0.000	46.63 <sup>a</sup>	39.04	0.002	29.46	26.29	0.141
Pennsylvania	32.94 <sup>a</sup>	30.00	0.005	16.75 <sup>a</sup>	11.40	0.000	50.17 <sup>a</sup>	43.23	0.000	32.24 <sup>b</sup>	29.92	0.078
Rhode Island	31.14 <sup>b</sup>	28.05	0.089	16.13 <sup>a</sup>	9.97	0.000	51.46 <sup>a</sup>	40.49	0.000	29.29	27.70	0.489
South Carolina	31.92	33.22	0.488	15.52 <sup>a</sup>	12.18	0.034	48.06 <sup>b</sup>	43.86	0.086	31.27	33.90	0.273
South Dakota	35.10 <sup>b</sup>	31.76	0.063	22.82 <sup>a</sup>	12.40	0.000	57.69 <sup>a</sup>	48.23	0.000	32.53	31.29	0.590
Tennessee	33.84	32.78	0.568	17.17 <sup>a</sup>	11.47	0.001	46.30	42.99	0.211	33.86	33.68	0.940
Texas	29.68 <sup>a</sup>	24.44	0.000	13.45 <sup>a</sup>	8.09	0.000	42.47 <sup>a</sup>	35.72	0.000	29.73 <sup>a</sup>	24.71	0.000
Utah	19.67	18.94	0.657	8.43	6.24	0.102	25.46	25.10	0.886	20.09	19.70	0.863
Vermont	30.64	28.39	0.217	18.33 <sup>a</sup>	13.45	0.006	52.64 <sup>a</sup>	47.56	0.043	28.49	26.73	0.437
Virginia	29.73 <sup>a</sup>	25.18	0.007	15.40 <sup>a</sup>	8.68	0.000	47.83 <sup>a</sup>	38.05	0.000	28.70 <sup>b</sup>	24.96	0.075
Washington	26.76	24.65	0.187	13.22 <sup>a</sup>	9.40	0.008	45.81 <sup>a</sup>	39.58	0.011	25.37	24.00	0.492
West Virginia	37.22	37.24	0.991	21.34 <sup>a</sup>	15.17	0.001	54.26	51.38	0.231	36.30	37.40	0.640
Wisconsin	30.55 <sup>b</sup>	27.07	0.051	17.30 <sup>a</sup>	9.63	0.000	50.41 <sup>a</sup>	39.99	0.000	28.84	27.05	0.426
Wyoming	34.00	32.47	0.410	16.34 <sup>b</sup>	13.44	0.097	55.18 <sup>a</sup>	48.84	0.016	32.55	31.87	0.771

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2011-2012 estimates. 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., chewing tobacco or snuff), cigars, or pipe tobacco.

<sup>a</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2011, and 2012.

**Table 14 Cigarette Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Total U.S.	25.71 <sup>a</sup>	22.09	0.000	12.57 <sup>a</sup>	7.16	0.000	40.50 <sup>a</sup>	32.65	0.000	24.95 <sup>a</sup>	22.13	0.000
Northeast	25.27 <sup>a</sup>	21.17	0.000	12.72 <sup>a</sup>	7.05	0.000	41.63 <sup>a</sup>	32.37	0.000	24.27 <sup>a</sup>	20.94	0.000
Midwest	28.10 <sup>a</sup>	24.46	0.000	14.63 <sup>a</sup>	8.14	0.000	44.57 <sup>a</sup>	35.76	0.000	27.04 <sup>a</sup>	24.58	0.000
South	26.76 <sup>a</sup>	23.22	0.000	13.21 <sup>a</sup>	7.19	0.000	40.76 <sup>a</sup>	33.02	0.000	26.19 <sup>a</sup>	23.55	0.000
West	22.03 <sup>a</sup>	18.81	0.000	9.47 <sup>a</sup>	6.30	0.000	35.22 <sup>a</sup>	29.54	0.000	21.45 <sup>a</sup>	18.51	0.000
Alabama	26.43	25.84	0.722	13.69 <sup>a</sup>	8.22	0.000	39.24	36.57	0.269	25.88	26.17	0.895
Alaska	25.71	25.66	0.976	13.25 <sup>a</sup>	7.57	0.000	43.97 <sup>a</sup>	38.13	0.024	24.96	25.88	0.683
Arizona	27.51 <sup>a</sup>	22.14	0.002	12.84 <sup>a</sup>	6.44	0.000	38.85 <sup>a</sup>	32.60	0.013	27.60 <sup>a</sup>	22.39	0.022
Arkansas	32.84 <sup>a</sup>	25.38	0.000	16.05 <sup>a</sup>	8.71	0.000	50.97 <sup>a</sup>	34.85	0.000	31.92 <sup>a</sup>	25.87	0.009
California	19.36 <sup>a</sup>	16.34	0.001	7.48 <sup>a</sup>	5.43	0.002	31.77 <sup>a</sup>	26.98	0.000	18.83 <sup>a</sup>	15.81	0.009
Colorado	26.76 <sup>a</sup>	22.87	0.018	13.74 <sup>a</sup>	7.87	0.000	44.56 <sup>a</sup>	34.52	0.000	25.43	22.71	0.194
Connecticut	23.78 <sup>a</sup>	20.32	0.036	13.45 <sup>a</sup>	6.34	0.000	41.56 <sup>a</sup>	33.22	0.001	22.56	20.01	0.218
Delaware	26.09	23.71	0.145	14.07 <sup>a</sup>	7.68	0.000	42.69 <sup>a</sup>	36.05	0.008	24.79	23.47	0.518
District of Columbia	26.12 <sup>a</sup>	21.38	0.006	7.10 <sup>a</sup>	4.73	0.014	33.26 <sup>a</sup>	28.47	0.041	26.40 <sup>a</sup>	21.00	0.013
Florida	23.99 <sup>a</sup>	20.95	0.002	12.26 <sup>a</sup>	5.55	0.000	36.75 <sup>a</sup>	29.09	0.000	23.59 <sup>b</sup>	21.35	0.064
Georgia	25.80 <sup>a</sup>	21.05	0.003	12.83 <sup>a</sup>	8.12	0.001	35.48 <sup>b</sup>	30.86	0.065	25.91 <sup>a</sup>	21.06	0.018
Hawaii	21.97 <sup>a</sup>	18.06	0.014	8.78 <sup>a</sup>	6.25	0.034	34.32 <sup>a</sup>	28.83	0.030	21.77 <sup>a</sup>	17.68	0.039
Idaho	23.95	21.50	0.117	12.48 <sup>a</sup>	7.84	0.001	39.02 <sup>a</sup>	29.55	0.000	22.68	22.01	0.745
Illinois	26.77 <sup>a</sup>	22.30	0.000	13.00 <sup>a</sup>	6.54	0.000	42.75 <sup>a</sup>	34.25	0.000	25.85 <sup>a</sup>	22.30	0.003
Indiana	28.33	26.78	0.363	14.39 <sup>a</sup>	8.60	0.000	44.94 <sup>a</sup>	36.66	0.001	27.26	27.41	0.946
Iowa	26.45 <sup>a</sup>	22.45	0.015	14.27 <sup>a</sup>	8.77	0.000	41.91 <sup>a</sup>	35.07	0.007	25.14	21.91	0.122
Kansas	25.95	23.66	0.155	13.95 <sup>a</sup>	7.72	0.000	39.62 <sup>a</sup>	33.93	0.021	25.06	23.92	0.585
Kentucky	34.77	32.44	0.229	17.62 <sup>a</sup>	11.60	0.000	53.06 <sup>a</sup>	45.22	0.002	33.74	32.85	0.717
Louisiana	28.27	27.49	0.635	15.01 <sup>a</sup>	8.04	0.000	42.36 <sup>a</sup>	35.71	0.004	27.45	28.50	0.625
Maine	26.82	24.77	0.241	12.16 <sup>a</sup>	8.41	0.006	43.89 <sup>a</sup>	36.80	0.005	26.10	24.78	0.544
Maryland	23.22 <sup>a</sup>	19.10	0.007	11.08 <sup>a</sup>	5.69	0.000	35.91 <sup>a</sup>	30.26	0.019	22.88 <sup>a</sup>	18.87	0.035
Massachusetts	22.42 <sup>a</sup>	18.56	0.010	11.69 <sup>a</sup>	7.38	0.001	38.40 <sup>a</sup>	28.33	0.000	21.16	18.10	0.105
Michigan	28.19 <sup>a</sup>	25.91	0.020	13.59 <sup>a</sup>	8.14	0.000	42.81 <sup>a</sup>	36.91	0.000	27.74	26.29	0.254
Minnesota	26.87 <sup>a</sup>	21.98	0.002	15.67 <sup>a</sup>	8.87	0.000	48.22 <sup>a</sup>	37.13	0.000	24.59 <sup>b</sup>	21.10	0.081
Mississippi	29.41	29.28	0.939	12.83 <sup>a</sup>	8.88	0.004	41.57	38.80	0.253	29.46	30.30	0.723
Missouri	31.51 <sup>a</sup>	25.60	0.001	17.88 <sup>a</sup>	9.37	0.000	47.59 <sup>a</sup>	35.96	0.000	30.56 <sup>a</sup>	25.84	0.033
Montana	27.71 <sup>b</sup>	24.50	0.052	16.10 <sup>a</sup>	11.05	0.001	44.96 <sup>a</sup>	40.10	0.049	26.26	23.47	0.187

(continued)

**Table 14 Cigarette Use in the Past Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Nebraska	25.93 <sup>a</sup>	22.10	0.020	16.36 <sup>a</sup>	7.62	0.000	43.92 <sup>a</sup>	32.51	0.000	23.84	22.10	0.406
Nevada	30.50 <sup>a</sup>	23.45	0.000	12.73 <sup>a</sup>	7.00	0.000	36.40	35.36	0.693	31.95 <sup>a</sup>	23.59	0.001
New Hampshire	26.17 <sup>a</sup>	20.33	0.000	14.03 <sup>a</sup>	8.69	0.000	44.80 <sup>a</sup>	35.02	0.000	24.94 <sup>a</sup>	19.37	0.006
New Jersey	23.42 <sup>a</sup>	19.96	0.037	11.83 <sup>a</sup>	6.74	0.000	40.67 <sup>a</sup>	32.78	0.001	22.46	19.64	0.166
New Mexico	24.05	22.20	0.284	12.34 <sup>a</sup>	8.54	0.013	38.45	35.07	0.188	23.19	21.75	0.517
New York	25.46 <sup>a</sup>	20.50	0.000	11.81 <sup>a</sup>	5.76	0.000	40.17 <sup>a</sup>	30.86	0.000	24.76 <sup>a</sup>	20.38	0.001
North Carolina	29.69 <sup>a</sup>	23.70	0.001	14.78 <sup>a</sup>	7.35	0.000	45.89 <sup>a</sup>	34.06	0.000	28.95 <sup>a</sup>	23.98	0.024
North Dakota	27.53	24.86	0.132	17.53 <sup>a</sup>	8.92	0.000	42.78 <sup>a</sup>	36.03	0.010	25.71	24.29	0.528
Ohio	30.48 <sup>a</sup>	27.23	0.001	14.52 <sup>a</sup>	8.62	0.000	46.03 <sup>a</sup>	37.80	0.000	30.00 <sup>b</sup>	27.81	0.092
Oklahoma	30.28	30.05	0.900	14.96 <sup>a</sup>	8.39	0.000	44.71 <sup>a</sup>	38.46	0.017	29.67	31.34	0.481
Oregon	24.96 <sup>a</sup>	21.38	0.018	11.29 <sup>a</sup>	6.84	0.000	41.49 <sup>a</sup>	32.18	0.000	23.94	21.30	0.166
Pennsylvania	27.68 <sup>a</sup>	24.26	0.001	14.73 <sup>a</sup>	8.83	0.000	44.78 <sup>a</sup>	35.58	0.000	26.59 <sup>b</sup>	24.14	0.059
Rhode Island	27.35 <sup>a</sup>	21.70	0.001	13.72 <sup>a</sup>	7.72	0.000	47.60 <sup>a</sup>	33.33	0.000	25.34 <sup>a</sup>	21.05	0.040
South Carolina	26.85	28.06	0.483	12.21 <sup>a</sup>	9.40	0.045	42.88 <sup>a</sup>	37.56	0.030	25.97	28.65	0.225
South Dakota	30.31 <sup>a</sup>	25.57	0.006	19.79 <sup>a</sup>	9.30	0.000	51.76 <sup>a</sup>	39.01	0.000	27.70	25.24	0.264
Tennessee	28.03	27.23	0.644	14.33 <sup>a</sup>	8.70	0.000	38.83	34.84	0.114	27.95	28.23	0.901
Texas	25.56 <sup>a</sup>	20.42	0.000	11.65 <sup>a</sup>	5.96	0.000	39.18 <sup>a</sup>	31.00	0.000	25.09 <sup>a</sup>	20.54	0.000
Utah	16.74	16.03	0.644	6.57	5.64	0.470	24.61	23.20	0.584	16.36	16.18	0.928
Vermont	25.43 <sup>a</sup>	22.09	0.032	14.84 <sup>a</sup>	9.46	0.000	47.57 <sup>a</sup>	35.70	0.000	23.03	21.12	0.334
Virginia	25.18 <sup>a</sup>	19.81	0.001	14.17 <sup>a</sup>	6.27	0.000	43.38 <sup>a</sup>	30.36	0.000	23.69 <sup>a</sup>	19.63	0.038
Washington	23.41 <sup>b</sup>	20.44	0.051	10.84 <sup>a</sup>	7.73	0.013	42.23 <sup>a</sup>	32.98	0.000	21.93	19.88	0.288
West Virginia	29.52	29.81	0.874	17.34 <sup>a</sup>	11.18	0.000	47.96 <sup>a</sup>	41.87	0.012	27.94	29.93	0.389
Wisconsin	25.75 <sup>a</sup>	21.69	0.015	15.32 <sup>a</sup>	8.17	0.000	45.48 <sup>a</sup>	32.45	0.000	23.67	21.54	0.316
Wyoming	26.81	25.30	0.359	12.78 <sup>b</sup>	9.95	0.052	44.46 <sup>a</sup>	37.58	0.008	25.50	24.97	0.799

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2011-2012 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

<sup>a</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2011, and 2012.

**Table 15 Perceptions of Great Risk of 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, 2002-2003 and 2011-2012 NSDUHs**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Total U.S.	71.27	71.43	0.644	63.67 <sup>a</sup>	65.92	0.000	65.46 <sup>b</sup>	66.26	0.067	73.33	73.01	0.446
Northeast	72.37 <sup>a</sup>	73.68	0.026	64.05 <sup>a</sup>	66.86	0.000	66.33	67.61	0.112	74.39	75.48	0.131
Midwest	69.07 <sup>a</sup>	67.73	0.008	63.13 <sup>a</sup>	65.29	0.001	62.39	62.51	0.859	71.10 <sup>a</sup>	68.92	0.001
South	70.12 <sup>a</sup>	71.04	0.049	62.02 <sup>a</sup>	65.28	0.000	64.11 <sup>a</sup>	65.67	0.016	72.28	72.69	0.488
West	74.38	73.73	0.315	66.41	66.82	0.640	69.92	69.48	0.606	76.35	75.39	0.235
Alabama	68.32	68.16	0.933	62.18	62.97	0.734	62.28	63.20	0.690	70.21	69.68	0.810
Alaska	70.30 <sup>b</sup>	66.99	0.078	66.56 <sup>b</sup>	62.42	0.085	65.46 <sup>a</sup>	59.97	0.022	71.83	68.93	0.225
Arizona	72.74	69.67	0.105	64.39	63.92	0.849	70.87 <sup>a</sup>	65.04	0.017	74.29	71.23	0.199
Arkansas	67.91	67.14	0.674	61.55	63.77	0.349	60.58	61.48	0.715	70.08	68.52	0.493
California	76.82	76.47	0.725	67.07	68.07	0.470	72.52	72.90	0.773	79.05	78.26	0.532
Colorado	70.29	71.37	0.535	63.77	66.64	0.224	61.30	64.89	0.144	72.75	73.03	0.896
Connecticut	72.67	74.44	0.292	64.74 <sup>b</sup>	68.88	0.079	67.32	66.51	0.726	74.49	76.37	0.359
Delaware	71.47 <sup>b</sup>	74.39	0.076	63.20	65.06	0.424	64.70 <sup>a</sup>	69.31	0.050	73.70	76.34	0.190
District of Columbia	74.89	76.59	0.301	61.87	60.21	0.515	74.31	71.55	0.243	76.17	79.02	0.154
Florida	72.89 <sup>a</sup>	75.81	0.004	63.06 <sup>a</sup>	69.08	0.000	69.14	69.50	0.783	74.62 <sup>a</sup>	77.48	0.022
Georgia	71.86	71.24	0.707	64.49	66.16	0.468	67.39	66.33	0.643	73.73	72.81	0.651
Hawaii	71.12	73.02	0.316	65.39	62.03	0.200	68.38	69.44	0.666	72.33	74.78	0.295
Idaho	72.24 <sup>a</sup>	68.33	0.030	65.57	65.07	0.826	68.57 <sup>a</sup>	63.50	0.036	74.08 <sup>b</sup>	69.65	0.052
Illinois	69.57	70.79	0.248	64.55	65.78	0.352	63.86	65.95	0.126	71.28	72.25	0.468
Indiana	69.12	67.19	0.282	64.18	66.73	0.285	63.69	62.86	0.731	70.82	68.02	0.212
Iowa	65.85	67.04	0.524	61.99 <sup>a</sup>	67.65	0.016	60.18	61.68	0.541	67.44	67.91	0.842
Kansas	70.61 <sup>a</sup>	66.71	0.028	60.16	63.92	0.126	63.55	61.49	0.379	73.52 <sup>a</sup>	68.03	0.016
Kentucky	62.46	63.45	0.609	58.90	61.73	0.244	53.67 <sup>b</sup>	57.85	0.095	64.43	64.58	0.951
Louisiana	67.74 <sup>a</sup>	71.05	0.048	59.33	63.11	0.103	63.25 <sup>b</sup>	67.23	0.069	69.92	72.78	0.179
Maine	69.25	69.39	0.940	64.49	64.40	0.969	61.95	60.28	0.480	70.94	71.20	0.906
Maryland	71.76 <sup>a</sup>	75.18	0.041	65.27	67.42	0.350	63.95 <sup>b</sup>	68.13	0.082	73.89 <sup>b</sup>	77.29	0.096
Massachusetts	75.55	74.60	0.579	67.22	65.21	0.368	70.84	68.73	0.372	77.31	76.70	0.770
Michigan	70.89 <sup>a</sup>	67.79	0.003	64.02	65.01	0.452	64.00	62.95	0.420	73.07 <sup>a</sup>	68.97	0.002
Minnesota	69.68	68.88	0.650	63.18	66.25	0.184	60.26	61.76	0.562	72.32	70.37	0.378
Mississippi	68.63	66.98	0.360	59.22	61.31	0.374	62.94	64.36	0.545	71.20	68.22	0.196
Missouri	68.02	66.12	0.288	61.78	63.67	0.415	61.37	61.10	0.911	70.06	67.27	0.210
Montana	71.38 <sup>a</sup>	66.77	0.010	64.76	65.30	0.809	66.77 <sup>b</sup>	62.56	0.080	73.14 <sup>a</sup>	67.62	0.014

(continued)

**Table 15 Perceptions of Great Risk of 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, 2002-2003 and 2011-2012 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2011-2012)	12+ ( <i>P</i> Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 ( <i>P</i> Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 ( <i>P</i> Value)	26+ (2002-2003)	26+ (2011-2012)	26+ ( <i>P</i> Value)
Nebraska	69.62	68.07	0.379	63.18	66.57	0.150	63.58	63.32	0.912	71.72	69.09	0.238
Nevada	69.57	70.00	0.821	64.24	64.55	0.903	62.56	65.22	0.303	71.38	71.44	0.978
New Hampshire	68.63 <sup>b</sup>	72.03	0.072	59.52 <sup>a</sup>	64.27	0.047	61.12	65.01	0.114	71.05	74.02	0.200
New Jersey	75.17	76.90	0.292	64.03 <sup>a</sup>	69.13	0.032	66.84	70.15	0.159	77.79	78.86	0.587
New Mexico	73.04	73.03	0.995	61.12 <sup>b</sup>	65.94	0.055	67.82	67.04	0.745	75.88	74.99	0.685
New York	72.81 <sup>a</sup>	76.15	0.001	64.32 <sup>a</sup>	68.98	0.001	67.84 <sup>a</sup>	71.08	0.018	74.71 <sup>a</sup>	77.86	0.015
North Carolina	68.08	68.95	0.639	60.76 <sup>a</sup>	65.53	0.048	59.40 <sup>b</sup>	63.79	0.079	70.51	70.21	0.896
North Dakota	66.97	67.65	0.705	61.29 <sup>a</sup>	67.56	0.008	62.84	60.82	0.411	68.62	69.12	0.829
Ohio	67.60 <sup>a</sup>	65.40	0.039	61.92 <sup>b</sup>	64.14	0.098	59.92	60.84	0.488	69.71 <sup>a</sup>	66.30	0.012
Oklahoma	66.52	66.32	0.913	60.58	60.74	0.946	58.78	62.18	0.179	68.86	67.78	0.642
Oregon	72.21	71.45	0.654	68.14	65.19	0.195	69.69	66.23	0.137	73.18	72.98	0.925
Pennsylvania	68.77	67.84	0.378	62.31	62.89	0.668	61.54	61.35	0.896	70.77	69.49	0.331
Rhode Island	73.34	72.51	0.644	65.01	65.64	0.794	72.97 <sup>a</sup>	67.23	0.015	74.43	74.31	0.956
South Carolina	69.38	70.25	0.625	62.27	63.37	0.633	61.91	63.27	0.567	71.66	72.25	0.791
South Dakota	65.09	64.70	0.832	60.68 <sup>b</sup>	64.73	0.098	56.27	59.86	0.169	67.49	65.53	0.406
Tennessee	66.84	66.10	0.685	62.38	64.04	0.503	60.70	63.07	0.364	68.44	66.85	0.474
Texas	71.88	71.60	0.768	61.14 <sup>a</sup>	64.62	0.015	66.08	66.34	0.851	74.73	73.61	0.364
Utah	75.00	73.19	0.258	71.49	72.20	0.759	72.28	68.72	0.131	76.47	74.39	0.325
Vermont	70.15	71.05	0.609	63.59	65.40	0.455	62.72	63.96	0.610	72.30	72.88	0.790
Virginia	70.95	72.57	0.341	64.05 <sup>b</sup>	68.22	0.070	66.03	66.44	0.866	72.67	74.14	0.485
Washington	70.63	70.98	0.842	66.48	63.81	0.245	64.26	65.32	0.650	72.29	72.77	0.827
West Virginia	67.26	66.34	0.616	59.35	62.80	0.154	58.54	60.66	0.380	69.58	67.55	0.364
Wisconsin	69.71	67.89	0.328	63.58	64.94	0.572	63.81	60.44	0.162	71.63	69.48	0.350
Wyoming	68.09	68.21	0.948	64.05	67.54	0.112	61.46	62.61	0.637	69.95	69.26	0.762

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2011-2012 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

<sup>a</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2011, and 2012.

**Table 16 Alcohol Dependence or Abuse in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Total U.S.	7.59 <sup>a</sup>	6.64	0.000	5.88 <sup>a</sup>	3.61	0.000	17.43 <sup>a</sup>	14.36	0.000	6.12 <sup>a</sup>	5.69	0.028
Northeast	7.24	6.87	0.217	5.73 <sup>a</sup>	3.83	0.000	17.46 <sup>a</sup>	14.64	0.000	5.81	5.91	0.770
Midwest	8.48 <sup>a</sup>	6.99	0.000	6.49 <sup>a</sup>	3.57	0.000	19.88 <sup>a</sup>	14.89	0.000	6.72 <sup>a</sup>	6.07	0.042
South	7.11 <sup>a</sup>	5.95	0.000	5.45 <sup>a</sup>	3.27	0.000	16.39 <sup>a</sup>	13.13	0.000	5.73 <sup>a</sup>	5.06	0.012
West	7.76	7.24	0.101	6.04 <sup>a</sup>	4.03	0.000	16.58	15.56	0.154	6.40	6.17	0.552
Alabama	6.08 <sup>b</sup>	4.97	0.080	4.83 <sup>a</sup>	3.27	0.027	13.65	11.46	0.150	4.91	4.05	0.252
Alaska	8.63	8.46	0.856	6.15 <sup>a</sup>	3.81	0.004	18.79	16.09	0.166	7.37	7.69	0.777
Arizona	9.29 <sup>a</sup>	6.95	0.008	7.38 <sup>a</sup>	3.81	0.000	19.36 <sup>a</sup>	14.20	0.011	7.75	6.10	0.115
Arkansas	7.57 <sup>a</sup>	5.28	0.002	6.15 <sup>a</sup>	3.17	0.000	17.59 <sup>a</sup>	11.92	0.001	5.98 <sup>b</sup>	4.41	0.067
California	7.22	7.10	0.813	5.51 <sup>a</sup>	4.21	0.027	14.83	15.46	0.563	6.07	5.92	0.803
Colorado	9.20	8.05	0.181	6.71 <sup>a</sup>	3.81	0.001	20.66	18.00	0.194	7.54	6.88	0.519
Connecticut	6.90	7.67	0.363	5.39 <sup>b</sup>	3.91	0.076	18.87	16.21	0.169	5.36	6.79	0.151
Delaware	7.65	6.94	0.365	5.76 <sup>a</sup>	3.32	0.001	18.17	15.97	0.258	6.08	5.82	0.770
District of Columbia	9.20 <sup>a</sup>	11.71	0.026	3.00	3.18	0.777	16.26	17.64	0.467	8.37 <sup>b</sup>	10.97	0.058
Florida	6.86 <sup>a</sup>	5.88	0.042	5.40 <sup>a</sup>	3.08	0.000	16.89 <sup>a</sup>	13.18	0.000	5.60	5.07	0.351
Georgia	7.37 <sup>a</sup>	5.27	0.004	4.78 <sup>a</sup>	2.98	0.008	14.90 <sup>a</sup>	11.66	0.049	6.37 <sup>a</sup>	4.44	0.026
Hawaii	7.52	7.27	0.771	6.42 <sup>a</sup>	4.37	0.049	18.14	17.73	0.843	5.97	5.96	0.995
Idaho	8.45 <sup>a</sup>	6.70	0.033	7.79 <sup>a</sup>	3.57	0.000	18.37 <sup>a</sup>	14.50	0.045	6.51	5.75	0.436
Illinois	8.74 <sup>a</sup>	7.18	0.004	6.08 <sup>a</sup>	3.50	0.000	19.49 <sup>a</sup>	15.32	0.000	7.21	6.28	0.158
Indiana	7.90	6.84	0.172	6.21 <sup>a</sup>	3.58	0.001	19.19 <sup>a</sup>	15.50	0.046	6.06	5.74	0.722
Iowa	8.25	7.36	0.272	7.56 <sup>a</sup>	3.41	0.000	19.67 <sup>b</sup>	16.28	0.087	6.18	6.27	0.920
Kansas	7.14	6.18	0.182	5.12 <sup>a</sup>	3.58	0.048	18.49 <sup>a</sup>	13.15	0.003	5.24	5.26	0.980
Kentucky	6.16	5.34	0.220	5.26 <sup>a</sup>	3.31	0.008	14.67	11.90	0.101	4.80	4.51	0.705
Louisiana	7.95 <sup>b</sup>	6.61	0.075	5.97 <sup>a</sup>	3.18	0.000	17.56 <sup>a</sup>	14.00	0.033	6.33	5.69	0.488
Maine	7.31	6.39	0.227	5.59 <sup>a</sup>	3.32	0.003	18.26	15.31	0.107	5.88	5.44	0.623
Maryland	7.55 <sup>b</sup>	6.09	0.051	5.37 <sup>a</sup>	3.20	0.003	15.98	13.34	0.122	6.52	5.23	0.151
Massachusetts	8.60	7.90	0.434	7.35 <sup>a</sup>	4.06	0.000	18.47	16.29	0.266	7.18	6.86	0.767
Michigan	8.46 <sup>a</sup>	7.01	0.005	6.42 <sup>a</sup>	3.78	0.000	18.29 <sup>a</sup>	13.97	0.000	7.05	6.23	0.204
Minnesota	9.01 <sup>b</sup>	7.37	0.051	7.24 <sup>a</sup>	3.79	0.000	20.99 <sup>a</sup>	16.52	0.029	7.08	6.31	0.429
Mississippi	6.46 <sup>b</sup>	5.21	0.068	3.78	3.14	0.322	13.96	11.40	0.117	5.35	4.35	0.220
Missouri	7.89 <sup>a</sup>	6.18	0.022	6.34 <sup>a</sup>	3.60	0.000	19.76 <sup>a</sup>	13.53	0.001	6.01	5.24	0.381
Montana	10.70 <sup>a</sup>	8.20	0.016	11.21 <sup>a</sup>	4.89	0.000	23.39 <sup>a</sup>	18.46	0.020	8.36	6.90	0.237

(continued)



**Table 16 Alcohol Dependence or Abuse in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Nebraska	10.18 <sup>a</sup>	7.15	0.001	8.94 <sup>a</sup>	3.89	0.000	25.16 <sup>a</sup>	15.91	0.000	7.47	6.02	0.167
Nevada	8.01	8.70	0.465	6.93 <sup>a</sup>	4.05	0.006	16.19	16.56	0.855	6.88	8.02	0.309
New Hampshire	9.09 <sup>a</sup>	6.79	0.006	7.54 <sup>a</sup>	4.09	0.000	23.21 <sup>a</sup>	16.98	0.002	7.10	5.50	0.101
New Jersey	6.30	6.72	0.565	5.16	3.95	0.144	16.62	15.82	0.677	4.97	5.68	0.412
New Mexico	10.01 <sup>a</sup>	7.28	0.005	7.73 <sup>a</sup>	4.51	0.003	22.68 <sup>a</sup>	15.29	0.000	8.01	6.25	0.134
New York	7.15	6.56	0.261	5.59 <sup>a</sup>	3.61	0.000	15.84 <sup>a</sup>	13.03	0.006	5.90	5.76	0.829
North Carolina	6.75 <sup>a</sup>	4.87	0.006	5.66 <sup>a</sup>	3.19	0.002	16.54 <sup>a</sup>	11.55	0.004	5.25	3.97	0.104
North Dakota	10.83 <sup>a</sup>	8.69	0.026	10.33 <sup>a</sup>	3.72	0.000	27.11 <sup>a</sup>	19.70	0.002	7.49	6.91	0.610
Ohio	7.90 <sup>a</sup>	6.85	0.038	5.80 <sup>a</sup>	3.29	0.000	18.54 <sup>a</sup>	14.23	0.000	6.36	6.07	0.640
Oklahoma	6.92	8.16	0.137	5.68 <sup>a</sup>	3.51	0.007	17.03	14.97	0.272	5.15 <sup>a</sup>	7.53	0.018
Oregon	7.37	7.53	0.840	5.84 <sup>a</sup>	3.48	0.002	17.83	16.00	0.312	5.79	6.64	0.362
Pennsylvania	6.93	6.57	0.435	5.34 <sup>a</sup>	3.93	0.007	18.08 <sup>a</sup>	14.30	0.001	5.33	5.57	0.674
Rhode Island	10.10	8.92	0.225	6.62 <sup>a</sup>	3.87	0.002	25.59 <sup>a</sup>	19.22	0.005	7.70	7.51	0.865
South Carolina	7.88 <sup>a</sup>	6.07	0.019	4.83 <sup>b</sup>	3.59	0.098	19.48 <sup>a</sup>	13.26	0.000	6.23	5.14	0.228
South Dakota	10.79 <sup>a</sup>	8.68	0.027	9.77 <sup>a</sup>	4.31	0.000	26.15 <sup>a</sup>	17.69	0.000	7.93	7.66	0.808
Tennessee	5.97	5.79	0.790	4.77 <sup>a</sup>	3.28	0.040	14.83	12.22	0.149	4.63	5.04	0.599
Texas	7.62 <sup>a</sup>	6.51	0.015	5.84 <sup>a</sup>	3.51	0.000	16.78 <sup>a</sup>	14.18	0.012	6.10	5.50	0.286
Utah	6.87 <sup>a</sup>	4.76	0.004	4.72 <sup>a</sup>	2.70	0.011	12.98	10.63	0.159	5.50 <sup>a</sup>	3.77	0.049
Vermont	7.77	6.72	0.186	6.45 <sup>a</sup>	4.17	0.011	19.28	17.01	0.262	5.96	5.24	0.430
Virginia	7.33 <sup>b</sup>	6.02	0.084	6.18 <sup>a</sup>	3.09	0.000	17.60 <sup>a</sup>	13.95	0.045	5.81	5.02	0.368
Washington	7.47	7.72	0.737	5.83 <sup>a</sup>	4.10	0.033	18.24	16.64	0.378	5.85	6.68	0.367
West Virginia	6.52	5.77	0.281	6.32 <sup>a</sup>	3.54	0.001	16.12	14.72	0.418	4.99	4.66	0.682
Wisconsin	9.53 <sup>a</sup>	7.13	0.007	7.19 <sup>a</sup>	3.49	0.000	23.30 <sup>a</sup>	14.72	0.000	7.39	6.31	0.304
Wyoming	9.23 <sup>b</sup>	7.72	0.077	7.54 <sup>a</sup>	4.37	0.001	23.24 <sup>a</sup>	17.46	0.006	6.81	6.43	0.704

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2011-2012 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

<sup>a</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2011, and 2012.

**Table 17 Alcohol Dependence in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Total U.S.	3.34	3.16	0.109	2.09 <sup>a</sup>	1.34	0.000	6.87 <sup>a</sup>	6.01	0.000	2.90	2.90	0.965
Northeast	3.35	3.11	0.225	2.13 <sup>a</sup>	1.32	0.000	6.80	6.29	0.202	2.95	2.79	0.490
Midwest	3.51 <sup>b</sup>	3.22	0.070	2.19 <sup>a</sup>	1.35	0.000	7.70 <sup>a</sup>	6.01	0.000	2.94	2.98	0.857
South	3.14	2.90	0.133	1.94 <sup>a</sup>	1.25	0.000	6.42 <sup>a</sup>	5.24	0.000	2.73	2.71	0.915
West	3.48	3.57	0.682	2.19 <sup>a</sup>	1.50	0.001	6.77	6.97	0.660	3.06	3.23	0.563
Alabama	2.76	2.67	0.835	1.67	1.24	0.216	5.54	4.55	0.252	2.41	2.52	0.830
Alaska	3.75	3.61	0.784	2.33 <sup>a</sup>	1.33	0.014	7.09	7.80	0.555	3.45	3.15	0.651
Arizona	3.91	3.63	0.614	3.20 <sup>a</sup>	1.56	0.002	7.94	6.42	0.215	3.29	3.41	0.866
Arkansas	3.29	2.77	0.268	2.34 <sup>a</sup>	1.19	0.002	6.90 <sup>b</sup>	4.95	0.054	2.77	2.60	0.758
California	3.40	3.53	0.710	1.87	1.51	0.220	6.11	7.06	0.157	3.13	3.14	0.993
Colorado	3.73	4.12	0.500	2.51 <sup>a</sup>	1.49	0.019	7.74	8.14	0.746	3.20	3.75	0.434
Connecticut	2.96	3.18	0.657	1.88	1.24	0.105	6.60	6.95	0.760	2.57	2.83	0.674
Delaware	3.43	3.16	0.565	1.93 <sup>a</sup>	1.22	0.040	7.50	7.64	0.912	2.93	2.62	0.598
District of Columbia	4.81	5.62	0.282	1.44	1.28	0.681	6.76 <sup>a</sup>	10.05	0.017	4.73	4.91	0.846
Florida	2.91	2.84	0.815	1.79 <sup>a</sup>	1.21	0.021	6.45 <sup>a</sup>	5.04	0.019	2.54	2.68	0.715
Georgia	3.19	2.75	0.345	1.65	1.14	0.132	5.26	4.54	0.410	3.04	2.65	0.516
Hawaii	3.52	3.46	0.914	2.87 <sup>b</sup>	1.70	0.053	7.21	8.14	0.489	3.02	2.92	0.894
Idaho	3.66	3.17	0.353	2.83 <sup>a</sup>	1.33	0.001	7.23 <sup>b</sup>	5.32	0.072	3.06	3.05	0.997
Illinois	3.73	3.39	0.318	2.25 <sup>a</sup>	1.36	0.001	7.59	6.58	0.149	3.25	3.10	0.739
Indiana	3.17	3.04	0.767	2.19 <sup>a</sup>	1.33	0.024	7.47	6.41	0.323	2.52	2.67	0.782
Iowa	3.15	3.36	0.638	2.71 <sup>a</sup>	1.37	0.001	6.94	7.12	0.869	2.49	2.94	0.418
Kansas	2.88	2.96	0.857	1.81	1.45	0.364	6.81	5.33	0.144	2.28	2.73	0.407
Kentucky	2.81	2.98	0.701	1.92	1.40	0.174	5.98	5.08	0.327	2.37	2.83	0.416
Louisiana	3.87	3.21	0.185	2.67 <sup>a</sup>	1.27	0.001	7.50 <sup>b</sup>	5.72	0.080	3.32	2.99	0.608
Maine	3.33	3.16	0.737	2.36 <sup>a</sup>	1.25	0.005	8.12 <sup>a</sup>	5.79	0.036	2.73	2.99	0.670
Maryland	3.63 <sup>b</sup>	2.78	0.085	1.94 <sup>a</sup>	1.14	0.023	6.20	6.20	0.997	3.46 <sup>b</sup>	2.42	0.093
Massachusetts	3.95	3.51	0.401	2.89 <sup>a</sup>	1.35	0.000	7.45	8.10	0.594	3.52	2.94	0.377
Michigan	3.80	3.45	0.327	2.26 <sup>a</sup>	1.46	0.004	7.73 <sup>a</sup>	5.82	0.003	3.34	3.30	0.929
Minnesota	3.56	3.25	0.534	2.57 <sup>a</sup>	1.35	0.004	7.62	6.56	0.361	2.97	2.94	0.969
Mississippi	3.11	2.86	0.613	1.37	1.19	0.572	5.05	4.58	0.604	2.98	2.77	0.745
Missouri	3.17	2.97	0.659	1.87	1.32	0.125	7.60 <sup>a</sup>	5.38	0.031	2.57	2.76	0.737
Montana	4.43	3.43	0.110	4.75 <sup>a</sup>	1.58	0.000	9.64 <sup>a</sup>	6.67	0.022	3.46	3.11	0.650

(continued)

**Table 17 Alcohol Dependence in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Nebraska	3.85	3.08	0.109	2.85 <sup>a</sup>	1.34	0.001	7.99	6.58	0.225	3.20	2.68	0.392
Nevada	3.44	3.96	0.367	2.23	1.62	0.173	6.84	7.69	0.491	3.07	3.65	0.410
New Hampshire	3.48	3.11	0.449	2.32 <sup>a</sup>	1.30	0.009	7.69	6.51	0.270	2.98	2.79	0.749
New Jersey	2.97	2.81	0.729	1.81	1.32	0.174	6.57	6.49	0.946	2.61	2.44	0.768
New Mexico	4.05	3.26	0.149	2.72 <sup>a</sup>	1.65	0.045	9.90 <sup>a</sup>	6.44	0.011	3.17	2.92	0.718
New York	3.60	3.11	0.168	2.17 <sup>a</sup>	1.34	0.002	6.48	5.81	0.305	3.30	2.84	0.297
North Carolina	3.05	2.36	0.118	1.93 <sup>a</sup>	1.18	0.038	6.13 <sup>b</sup>	4.44	0.074	2.69	2.16	0.341
North Dakota	3.75	3.47	0.587	3.25 <sup>a</sup>	1.30	0.000	8.42	7.47	0.438	2.84	2.87	0.958
Ohio	3.39	3.14	0.441	1.72 <sup>b</sup>	1.28	0.074	7.87 <sup>a</sup>	5.46	0.000	2.85	2.98	0.751
Oklahoma	2.86	3.27	0.351	2.02 <sup>a</sup>	1.31	0.045	6.61	5.69	0.366	2.26	3.09	0.139
Oregon	3.31	3.87	0.303	2.13 <sup>a</sup>	1.36	0.046	7.26	6.79	0.668	2.80	3.69	0.183
Pennsylvania	2.90	3.03	0.683	1.89 <sup>a</sup>	1.28	0.015	6.56	5.55	0.114	2.44	2.81	0.337
Rhode Island	4.39	3.87	0.395	2.41 <sup>a</sup>	1.40	0.025	10.70	8.77	0.181	3.49	3.20	0.706
South Carolina	3.64	3.18	0.403	1.76	1.31	0.216	7.93 <sup>a</sup>	4.12	0.000	3.13	3.24	0.869
South Dakota	4.50	3.67	0.184	3.86 <sup>a</sup>	1.56	0.000	8.72	6.88	0.161	3.77	3.37	0.604
Tennessee	2.71	2.88	0.725	1.71	1.22	0.182	5.87	4.65	0.197	2.31	2.78	0.406
Texas	3.11	3.02	0.751	1.93 <sup>a</sup>	1.33	0.029	6.69 <sup>b</sup>	5.58	0.083	2.60	2.78	0.630
Utah	3.14	2.61	0.220	1.77 <sup>b</sup>	1.12	0.063	5.61	4.70	0.320	2.67	2.38	0.614
Vermont	3.25	2.93	0.502	2.90 <sup>a</sup>	1.32	0.000	7.10	6.22	0.413	2.64	2.55	0.875
Virginia	3.48	3.07	0.385	2.60 <sup>a</sup>	1.25	0.001	7.38	6.17	0.261	2.96	2.76	0.730
Washington	3.16	3.61	0.347	2.19	1.57	0.152	7.44	7.19	0.819	2.56	3.26	0.237
West Virginia	2.74	2.93	0.684	2.30 <sup>a</sup>	1.28	0.013	6.01	5.69	0.739	2.26	2.68	0.441
Wisconsin	3.64	3.07	0.260	2.27 <sup>a</sup>	1.28	0.012	8.56 <sup>a</sup>	5.07	0.001	2.95	2.95	0.995
Wyoming	3.57	3.64	0.883	2.40 <sup>a</sup>	1.41	0.017	8.17	8.21	0.974	2.87	3.11	0.696

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2011-2012 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Dependence is based on the definition found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

<sup>a</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2011, and 2012.

**Table 18 *Illicit Drug Dependence or Abuse in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs***

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Total U.S.	2.95 <sup>a</sup>	2.67	0.003	5.35 <sup>a</sup>	4.31	0.000	8.02	7.66	0.139	1.74	1.61	0.229
Northeast	2.97 <sup>a</sup>	2.66	0.021	5.45 <sup>a</sup>	4.15	0.000	8.99 <sup>a</sup>	7.91	0.017	1.70	1.61	0.548
Midwest	2.84 <sup>a</sup>	2.57	0.022	5.47 <sup>a</sup>	4.02	0.000	7.69 <sup>a</sup>	6.99	0.040	1.60	1.63	0.819
South	2.92 <sup>a</sup>	2.61	0.007	5.22 <sup>a</sup>	4.00	0.000	7.53	7.19	0.280	1.80	1.65	0.273
West	3.09	2.88	0.183	5.36	5.19	0.681	8.36	8.81	0.378	1.79	1.51	0.110
Alabama	2.68	2.54	0.636	4.67 <sup>a</sup>	3.14	0.028	6.53	6.19	0.719	1.73	1.83	0.803
Alaska	3.13 <sup>b</sup>	2.61	0.074	6.31 <sup>b</sup>	4.61	0.064	8.57	7.51	0.384	1.62	1.42	0.541
Arizona	3.35	2.86	0.163	6.83	5.45	0.207	8.15	7.08	0.386	1.98	1.79	0.625
Arkansas	2.96	2.87	0.792	5.13 <sup>b</sup>	3.82	0.098	7.94	8.45	0.677	1.77	1.81	0.930
California	3.01	2.96	0.862	4.93	5.36	0.482	7.82 <sup>a</sup>	9.66	0.021	1.84 <sup>b</sup>	1.39	0.083
Colorado	3.23	2.97	0.418	5.02	5.51	0.617	10.20	9.28	0.512	1.78	1.59	0.607
Connecticut	2.88	2.68	0.553	5.41	4.68	0.400	9.20	7.89	0.292	1.62	1.62	0.999
Delaware	3.03	2.94	0.762	5.26	4.49	0.370	8.03	8.81	0.530	1.89	1.75	0.710
District of Columbia	3.96	3.52	0.365	4.30	5.19	0.348	8.72	7.68	0.403	2.99	2.42	0.311
Florida	3.12 <sup>a</sup>	2.61	0.033	5.77 <sup>a</sup>	4.24	0.005	8.41	8.36	0.945	2.04 <sup>b</sup>	1.56	0.078
Georgia	2.88	2.56	0.311	4.93	3.79	0.140	6.35	6.76	0.693	1.95	1.64	0.402
Hawaii	2.75 <sup>a</sup>	2.05	0.026	5.77	4.64	0.241	8.13	6.96	0.345	1.48	1.00	0.150
Idaho	2.93 <sup>a</sup>	2.32	0.026	6.02 <sup>a</sup>	4.10	0.024	7.66	6.54	0.318	1.46	1.31	0.618
Illinois	2.81	2.47	0.112	5.36 <sup>a</sup>	3.71	0.002	7.69	7.73	0.956	1.59	1.42	0.475
Indiana	2.84	2.52	0.296	4.68	3.75	0.238	7.88	6.81	0.348	1.64	1.60	0.894
Iowa	2.52	2.39	0.651	4.81	3.59	0.109	6.61	6.83	0.840	1.44	1.45	0.966
Kansas	2.52	2.40	0.685	4.35	3.97	0.649	6.66	5.96	0.498	1.44	1.54	0.775
Kentucky	2.80	2.65	0.619	5.24 <sup>a</sup>	3.48	0.022	7.41	7.44	0.980	1.69	1.76	0.825
Louisiana	3.34 <sup>a</sup>	2.63	0.030	5.07 <sup>a</sup>	3.22	0.008	7.63	6.63	0.344	2.21	1.82	0.318
Maine	2.94	2.64	0.338	5.66 <sup>a</sup>	3.79	0.022	9.78	8.78	0.437	1.57	1.65	0.835
Maryland	3.02	2.75	0.394	5.22	4.06	0.161	9.15	8.61	0.680	1.75	1.62	0.699
Massachusetts	3.63 <sup>a</sup>	2.51	0.001	6.44	4.93	0.106	11.41 <sup>a</sup>	7.28	0.003	2.05 <sup>b</sup>	1.39	0.069
Michigan	2.99	2.80	0.440	6.16 <sup>a</sup>	4.60	0.008	7.52	6.74	0.234	1.75	1.89	0.606
Minnesota	2.75	2.36	0.173	5.73	4.44	0.143	7.45	6.40	0.357	1.48	1.45	0.925
Mississippi	2.85	2.65	0.537	4.23 <sup>b</sup>	3.08	0.087	6.79	6.85	0.954	1.84	1.82	0.947
Missouri	3.01	2.63	0.216	5.13 <sup>b</sup>	3.84	0.092	8.54	7.22	0.242	1.74	1.70	0.915
Montana	3.19 <sup>b</sup>	2.67	0.098	7.18 <sup>a</sup>	4.95	0.030	8.48	8.52	0.969	1.69	1.46	0.517

(continued)

**Table 18 Illicit Drug Dependence or Abuse in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Nebraska	2.84	2.41	0.143	5.92 <sup>b</sup>	4.36	0.089	7.04	5.76	0.196	1.59	1.57	0.956
Nevada	2.98	2.67	0.356	5.98	4.73	0.197	8.03	8.19	0.906	1.78	1.52	0.466
New Hampshire	3.37 <sup>b</sup>	2.76	0.068	6.95 <sup>b</sup>	5.08	0.063	11.18	9.18	0.168	1.67	1.49	0.609
New Jersey	2.69	2.46	0.419	5.06	4.41	0.446	7.82	8.49	0.577	1.65	1.31	0.260
New Mexico	3.81 <sup>b</sup>	3.10	0.093	6.05	6.22	0.886	11.15 <sup>a</sup>	8.15	0.047	2.09	1.82	0.565
New York	3.03	2.71	0.166	5.28 <sup>a</sup>	3.68	0.002	8.87	8.18	0.375	1.78	1.64	0.589
North Carolina	2.94	2.91	0.938	5.67	4.44	0.147	7.39	8.03	0.561	1.83	1.88	0.887
North Dakota	2.79	2.64	0.629	5.89 <sup>b</sup>	4.27	0.067	7.33	7.14	0.867	1.41	1.51	0.754
Ohio	2.93	2.85	0.692	5.61 <sup>a</sup>	3.88	0.001	8.36	7.69	0.351	1.63	1.92	0.270
Oklahoma	2.85	2.59	0.390	5.13 <sup>b</sup>	3.67	0.073	7.89	6.28	0.166	1.56	1.79	0.516
Oregon	3.05	3.00	0.894	5.27	5.07	0.820	9.44	9.12	0.801	1.67	1.80	0.728
Pennsylvania	2.60	2.73	0.559	5.11 <sup>a</sup>	3.98	0.033	7.76	7.09	0.370	1.44	1.86	0.105
Rhode Island	3.90 <sup>a</sup>	3.07	0.034	6.15	4.89	0.198	12.71 <sup>a</sup>	8.11	0.002	2.02	1.89	0.767
South Carolina	2.85	2.87	0.950	4.67	4.05	0.429	7.87	7.02	0.443	1.72	2.03	0.411
South Dakota	2.67	2.38	0.298	5.83 <sup>a</sup>	3.79	0.015	7.10	5.87	0.246	1.32	1.60	0.372
Tennessee	2.80	2.81	0.969	4.85 <sup>b</sup>	3.47	0.068	7.08	8.61	0.209	1.82	1.78	0.912
Texas	2.73	2.38	0.101	5.14	4.36	0.160	6.89	5.84	0.107	1.53	1.44	0.712
Utah	2.85	2.89	0.900	4.75	3.99	0.352	5.98	6.55	0.584	1.57	1.85	0.426
Vermont	3.63	3.19	0.222	7.86 <sup>a</sup>	4.70	0.004	12.03	10.56	0.347	1.62	1.76	0.693
Virginia	3.03 <sup>a</sup>	2.36	0.019	5.67 <sup>b</sup>	4.04	0.056	8.55	7.04	0.204	1.79	1.36	0.179
Washington	3.29 <sup>a</sup>	2.70	0.048	6.05	4.81	0.186	10.50 <sup>a</sup>	7.66	0.024	1.67	1.63	0.894
West Virginia	2.96	2.90	0.857	5.58 <sup>a</sup>	3.66	0.015	9.27	8.50	0.534	1.64	1.98	0.349
Wisconsin	2.71	2.26	0.107	5.86 <sup>b</sup>	4.21	0.064	7.28	6.07	0.256	1.45	1.39	0.842
Wyoming	2.64	2.33	0.254	4.53	4.34	0.820	8.18 <sup>b</sup>	6.12	0.070	1.32	1.43	0.709

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2011-2012 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically, including data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006. See Section B.4.8 in Appendix B of the *Results from the 2008 National Survey on Drug Use and Health: National Findings*.

NOTE: Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

<sup>a</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2011, and 2012.

**Table 19 Illicit Drug Dependence in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Total U.S.	1.91	1.86	0.534	2.97 <sup>a</sup>	2.27	0.000	5.36	5.43	0.750	1.16	1.19	0.695
Northeast	1.97	1.88	0.464	3.07 <sup>a</sup>	2.12	0.000	6.12 <sup>b</sup>	5.49	0.091	1.17	1.25	0.540
Midwest	1.86	1.71	0.140	3.07 <sup>a</sup>	2.11	0.000	5.14	4.87	0.320	1.10	1.12	0.831
South	1.89	1.78	0.248	2.93 <sup>a</sup>	2.20	0.000	5.02	5.02	0.983	1.20	1.17	0.778
West	1.93	2.10	0.195	2.84	2.61	0.400	5.54 <sup>a</sup>	6.50	0.023	1.13	1.24	0.484
Alabama	1.77	1.65	0.626	2.56	2.00	0.283	4.65	4.47	0.830	1.15	1.11	0.894
Alaska	2.08 <sup>b</sup>	1.66	0.089	3.33 <sup>b</sup>	2.25	0.066	6.00	4.99	0.296	1.18	0.96	0.392
Arizona	1.98	2.17	0.498	3.77	2.88	0.243	5.88	5.96	0.940	1.02	1.41	0.191
Arkansas	1.95	1.90	0.832	2.97	2.28	0.234	5.29	5.36	0.939	1.22	1.26	0.889
California	1.88	2.17	0.133	2.62	2.68	0.891	5.22 <sup>a</sup>	7.03	0.006	1.15	1.19	0.881
Colorado	2.01	2.16	0.590	2.78	2.46	0.592	6.46	7.05	0.610	1.13	1.30	0.574
Connecticut	1.86	1.74	0.637	2.89	2.14	0.182	6.08	5.26	0.395	1.11	1.14	0.913
Delaware	1.98	1.98	0.999	2.87	2.08	0.137	5.65	5.93	0.782	1.23	1.29	0.834
District of Columbia	2.95	2.78	0.728	2.06	2.35	0.604	6.26	5.70	0.586	2.37	2.13	0.669
Florida	2.02	1.85	0.359	3.20 <sup>a</sup>	2.25	0.015	5.83	5.71	0.842	1.34	1.22	0.590
Georgia	1.86	1.64	0.406	2.73	1.97	0.164	3.89	4.44	0.493	1.37	1.10	0.392
Hawaii	1.70	1.60	0.715	2.87	2.29	0.371	5.39	5.27	0.905	0.96	0.96	0.993
Idaho	1.79	1.60	0.421	3.18 <sup>b</sup>	2.14	0.070	4.67	4.69	0.982	0.97	0.97	0.981
Illinois	1.89	1.65	0.174	3.26 <sup>a</sup>	1.91	0.000	5.00	4.91	0.874	1.15	1.06	0.651
Indiana	1.85	1.67	0.448	2.80	2.09	0.194	5.21	4.83	0.664	1.10	1.06	0.886
Iowa	1.61	1.44	0.450	2.53	1.87	0.210	4.51	4.39	0.882	0.94	0.87	0.770
Kansas	1.67	1.43	0.286	2.66	1.94	0.183	4.66	3.92	0.364	0.95	0.91	0.863
Kentucky	1.91	2.01	0.685	3.31 <sup>a</sup>	2.16	0.044	4.94	6.19	0.191	1.21	1.31	0.729
Louisiana	2.17	1.96	0.464	2.67	2.08	0.253	5.07	5.31	0.788	1.51	1.33	0.593
Maine	1.74	1.73	0.947	2.90	2.03	0.103	6.39	5.90	0.632	0.90	1.10	0.408
Maryland	2.00	1.96	0.877	2.95 <sup>b</sup>	1.93	0.067	5.85	6.11	0.800	1.26	1.28	0.967
Massachusetts	2.43 <sup>b</sup>	1.93	0.084	3.46 <sup>b</sup>	2.39	0.088	8.33 <sup>a</sup>	5.64	0.027	1.36	1.22	0.649
Michigan	1.93	1.93	0.969	3.34 <sup>a</sup>	2.42	0.020	5.16	5.19	0.952	1.16	1.31	0.499
Minnesota	1.76	1.50	0.249	3.42 <sup>a</sup>	2.11	0.027	5.02	4.14	0.322	0.94	0.99	0.819
Mississippi	1.84	1.91	0.769	2.49	2.13	0.480	4.25	4.99	0.377	1.25	1.32	0.827
Missouri	1.88	1.74	0.572	2.94	2.08	0.108	5.55	5.03	0.554	1.08	1.14	0.807
Montana	1.90	1.99	0.707	3.62	2.69	0.163	5.37	6.69	0.176	1.03	1.15	0.667

(continued)

**Table 19 Illicit Drug Dependence in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Nebraska	1.93 <sup>b</sup>	1.49	0.084	3.47 <sup>a</sup>	2.00	0.015	4.68	4.17	0.525	1.17	0.96	0.441
Nevada	1.91	2.04	0.643	3.41	2.59	0.226	5.52	6.14	0.550	1.15	1.32	0.588
New Hampshire	2.07	1.95	0.639	3.19	2.55	0.305	7.36	6.75	0.605	1.10	1.12	0.919
New Jersey	1.72	1.82	0.660	2.80	2.04	0.147	5.52	6.04	0.607	1.04	1.16	0.645
New Mexico	2.11	2.14	0.902	3.12	3.15	0.960	6.94	5.84	0.360	1.05	1.37	0.314
New York	2.10	1.94	0.459	3.18 <sup>a</sup>	2.01	0.002	6.03	5.43	0.333	1.31	1.32	0.954
North Carolina	1.89	1.92	0.909	3.30 <sup>b</sup>	2.30	0.095	4.96	5.74	0.411	1.19	1.25	0.845
North Dakota	1.69	1.74	0.831	3.17 <sup>b</sup>	2.09	0.069	4.35	5.22	0.313	0.92	0.96	0.899
Ohio	1.97	2.01	0.803	2.83	2.30	0.141	5.76	5.63	0.823	1.19	1.38	0.378
Oklahoma	1.88	1.61	0.253	2.89 <sup>b</sup>	1.98	0.096	5.55	4.16	0.120	1.03	1.10	0.771
Oregon	2.02	2.28	0.390	2.46	2.60	0.814	6.22	6.90	0.539	1.25	1.51	0.453
Pennsylvania	1.68	1.81	0.492	2.90 <sup>a</sup>	2.14	0.035	5.06	4.89	0.772	0.98	1.25	0.188
Rhode Island	2.63	2.39	0.537	3.62 <sup>b</sup>	2.43	0.074	8.27	6.26	0.105	1.48	1.64	0.699
South Carolina	1.75	1.89	0.566	2.55	2.18	0.470	4.37	4.72	0.663	1.17	1.38	0.497
South Dakota	1.66	1.41	0.249	3.01 <sup>a</sup>	1.95	0.049	4.47	4.03	0.587	0.90	0.88	0.940
Tennessee	1.83	2.16	0.219	2.95	2.34	0.280	4.74 <sup>a</sup>	6.82	0.040	1.20	1.38	0.559
Texas	1.71	1.49	0.153	2.85	2.30	0.152	4.68 <sup>b</sup>	3.78	0.080	0.95	0.94	0.948
Utah	1.77	1.90	0.591	2.62	1.97	0.230	3.67	5.00	0.107	1.05	1.17	0.664
Vermont	2.16	2.24	0.766	3.62 <sup>b</sup>	2.46	0.073	7.57	7.71	0.911	1.03	1.28	0.376
Virginia	1.99	1.69	0.231	2.99	2.28	0.225	5.65	4.81	0.370	1.26	1.08	0.522
Washington	2.12	1.92	0.424	3.08	2.44	0.279	6.90	5.31	0.112	1.17	1.29	0.667
West Virginia	1.86	2.13	0.320	3.11	2.32	0.191	6.03	6.67	0.541	1.05	1.44	0.197
Wisconsin	1.73	1.46	0.243	3.08 <sup>a</sup>	1.95	0.047	4.78	4.28	0.551	1.00	0.93	0.789
Wyoming	1.71	1.42	0.212	2.67	1.91	0.158	5.18	3.87	0.121	0.92	0.94	0.916

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2011-2012 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically, including data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006. See Section B.4.8 in Appendix B of the *Results from the 2008 National Survey on Drug Use and Health: National Findings*.

NOTE: Dependence is based on the definition found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

<sup>a</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2011, and 2012.

**Table 20 Dependence or Abuse of Illicit Drugs or Alcohol in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Total U.S.	9.22 <sup>a</sup>	8.27	0.000	8.89 <sup>a</sup>	6.48	0.000	21.37 <sup>a</sup>	18.73	0.000	7.15 <sup>a</sup>	6.68	0.027
Northeast	8.88	8.39	0.123	8.91 <sup>a</sup>	6.54	0.000	21.57 <sup>a</sup>	19.31	0.001	6.86	6.77	0.818
Midwest	9.92 <sup>a</sup>	8.55	0.000	9.46 <sup>a</sup>	6.18	0.000	23.37 <sup>a</sup>	18.84	0.000	7.58	7.09	0.128
South	8.77 <sup>a</sup>	7.66	0.000	8.44 <sup>a</sup>	6.13	0.000	20.21 <sup>a</sup>	17.30	0.000	6.82 <sup>a</sup>	6.20	0.042
West	9.52 <sup>b</sup>	8.87	0.056	9.00 <sup>a</sup>	7.27	0.000	21.01	20.40	0.424	7.49	7.01	0.248
Alabama	7.40	6.49	0.193	7.14	5.60	0.110	16.46	14.67	0.281	5.83	5.17	0.427
Alaska	10.41	9.93	0.597	9.45 <sup>a</sup>	6.53	0.011	23.91	21.01	0.165	8.31	8.34	0.976
Arizona	11.04 <sup>a</sup>	8.93	0.020	10.62 <sup>a</sup>	7.53	0.018	23.42 <sup>a</sup>	19.20	0.044	8.87	7.33	0.161
Arkansas	9.10 <sup>a</sup>	7.47	0.038	9.02 <sup>a</sup>	5.95	0.004	21.53 <sup>a</sup>	17.24	0.026	6.90	6.00	0.338
California	9.00	8.67	0.515	8.27	7.50	0.295	19.40	20.77	0.255	7.21	6.56	0.307
Colorado	10.81	9.86	0.295	9.24 <sup>b</sup>	7.29	0.099	25.03	22.83	0.316	8.55	7.99	0.604
Connecticut	8.80	9.06	0.763	8.95 <sup>b</sup>	6.85	0.062	22.74	20.53	0.279	6.76	7.53	0.448
Delaware	9.29	8.85	0.587	8.74 <sup>a</sup>	6.33	0.025	21.46	20.80	0.757	7.26	7.10	0.869
District of Columbia	11.87	13.41	0.194	5.95	7.29	0.210	21.16	21.16	0.999	10.56	12.06	0.300
Florida	8.80 <sup>a</sup>	7.56	0.019	8.85 <sup>a</sup>	5.96	0.000	21.29 <sup>a</sup>	17.67	0.001	7.01	6.20	0.198
Georgia	9.11 <sup>a</sup>	7.06	0.009	7.82 <sup>b</sup>	5.88	0.059	19.07	16.39	0.163	7.49 <sup>a</sup>	5.56	0.043
Hawaii	9.15	7.92	0.154	9.95 <sup>b</sup>	7.52	0.064	23.25	21.07	0.308	6.79	5.92	0.397
Idaho	9.75 <sup>b</sup>	8.22	0.063	10.91 <sup>a</sup>	6.32	0.000	21.24 <sup>b</sup>	17.35	0.054	7.19	6.86	0.743
Illinois	10.11 <sup>a</sup>	8.51	0.003	9.05 <sup>a</sup>	5.83	0.000	23.32 <sup>a</sup>	19.83	0.004	7.92	6.93	0.136
Indiana	9.32	8.18	0.151	8.81 <sup>a</sup>	5.92	0.006	23.20 <sup>a</sup>	19.11	0.045	6.84	6.54	0.750
Iowa	9.47	8.62	0.297	9.51 <sup>a</sup>	5.55	0.000	22.21	19.51	0.193	7.04	7.07	0.977
Kansas	8.33	7.70	0.395	7.33	5.88	0.171	20.75 <sup>a</sup>	16.80	0.050	6.07	6.29	0.804
Kentucky	8.04	7.27	0.306	8.27 <sup>a</sup>	5.77	0.014	18.86	16.47	0.204	6.13	5.93	0.827
Louisiana	9.70 <sup>a</sup>	8.22	0.047	8.67 <sup>a</sup>	5.80	0.004	20.91 <sup>b</sup>	17.42	0.051	7.60	6.83	0.405
Maine	8.81	8.29	0.531	9.07 <sup>a</sup>	5.84	0.002	21.37	19.93	0.463	6.89	6.90	0.996
Maryland	9.19 <sup>b</sup>	7.72	0.073	8.20 <sup>a</sup>	5.76	0.020	20.17	19.05	0.568	7.59	6.08	0.121
Massachusetts	10.71 <sup>b</sup>	9.13	0.085	10.82 <sup>a</sup>	7.03	0.002	24.13 <sup>b</sup>	20.56	0.085	8.55	7.35	0.273
Michigan	10.05 <sup>a</sup>	8.73	0.020	9.80 <sup>a</sup>	7.01	0.000	21.81 <sup>a</sup>	17.36	0.000	8.04	7.47	0.410
Minnesota	10.57 <sup>b</sup>	8.99	0.064	10.60 <sup>a</sup>	6.76	0.001	24.61 <sup>b</sup>	20.61	0.072	8.02	7.36	0.513
Mississippi	7.91	7.09	0.266	6.29	5.81	0.622	17.46	14.93	0.165	6.22	5.83	0.659
Missouri	9.58 <sup>a</sup>	7.97	0.042	9.19 <sup>a</sup>	6.31	0.007	23.72 <sup>a</sup>	17.51	0.002	7.14	6.55	0.527
Montana	12.02 <sup>b</sup>	10.21	0.086	15.02 <sup>a</sup>	8.51	0.000	26.55	23.42	0.159	9.00	8.25	0.557

(continued)



**Table 20 Dependence or Abuse of Illicit Drugs or Alcohol in the Past Year, by Age Group and State: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2011-2012)	12+ ( <i>P</i> Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 ( <i>P</i> Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 ( <i>P</i> Value)	26+ (2002-2003)	26+ (2011-2012)	26+ ( <i>P</i> Value)
Nebraska	11.07 <sup>a</sup>	8.79	0.011	11.75 <sup>a</sup>	7.12	0.000	26.52 <sup>a</sup>	18.79	0.000	7.98	7.25	0.489
Nevada	9.75	9.97	0.817	10.26 <sup>a</sup>	6.85	0.007	21.32	20.32	0.642	7.87	8.70	0.472
New Hampshire	10.90 <sup>a</sup>	8.58	0.011	11.69 <sup>a</sup>	7.11	0.000	27.70 <sup>a</sup>	21.96	0.009	8.18	6.65	0.158
New Jersey	7.59	7.93	0.662	8.08	6.94	0.312	19.65	21.39	0.404	5.80	6.02	0.816
New Mexico	12.04 <sup>a</sup>	9.51	0.016	11.74 <sup>b</sup>	9.21	0.099	27.35 <sup>a</sup>	19.86	0.001	9.24	7.75	0.246
New York	8.88	8.15	0.173	8.61 <sup>a</sup>	5.99	0.000	20.33 <sup>a</sup>	17.79	0.028	7.02	6.71	0.634
North Carolina	8.31	7.25	0.168	8.30 <sup>a</sup>	6.11	0.044	20.21 <sup>b</sup>	16.91	0.099	6.32	5.80	0.566
North Dakota	11.60 <sup>b</sup>	9.97	0.086	12.97 <sup>a</sup>	6.38	0.000	27.99 <sup>a</sup>	22.57	0.014	7.98	7.70	0.808
Ohio	9.56 <sup>b</sup>	8.56	0.058	8.99 <sup>a</sup>	5.68	0.000	22.42 <sup>a</sup>	18.84	0.002	7.43	7.22	0.743
Oklahoma	8.66	9.59	0.273	8.96 <sup>a</sup>	6.41	0.023	21.08	18.79	0.267	6.23 <sup>a</sup>	8.35	0.041
Oregon	9.25	9.24	0.987	9.35 <sup>a</sup>	6.71	0.017	22.35	20.55	0.362	7.02	7.73	0.463
Pennsylvania	8.30	8.24	0.909	8.45 <sup>a</sup>	6.64	0.009	21.57 <sup>a</sup>	18.54	0.008	6.14	6.70	0.373
Rhode Island	11.97	10.57	0.166	9.88 <sup>a</sup>	6.89	0.018	29.42 <sup>a</sup>	23.11	0.007	9.04	8.56	0.691
South Carolina	9.26	8.05	0.132	7.71	6.63	0.303	22.59 <sup>a</sup>	17.16	0.005	7.11	6.67	0.651
South Dakota	11.70 <sup>b</sup>	9.92	0.061	12.84 <sup>a</sup>	6.90	0.000	28.81 <sup>a</sup>	20.56	0.000	8.18	8.44	0.816
Tennessee	7.94	7.74	0.787	7.86 <sup>a</sup>	5.78	0.042	19.07	17.31	0.369	6.08	6.41	0.705
Texas	8.98 <sup>a</sup>	7.91	0.029	8.81 <sup>a</sup>	6.68	0.002	20.09 <sup>a</sup>	17.24	0.008	6.82	6.34	0.424
Utah	7.99 <sup>b</sup>	6.53	0.052	6.98 <sup>a</sup>	4.65	0.028	15.73	14.45	0.491	5.90	5.02	0.339
Vermont	9.90	9.45	0.609	11.47 <sup>a</sup>	7.76	0.005	24.33	23.44	0.680	7.20	7.25	0.966
Virginia	9.09 <sup>a</sup>	7.39	0.031	9.40 <sup>a</sup>	5.71	0.001	22.13 <sup>a</sup>	18.06	0.045	6.93	5.76	0.208
Washington	9.48	9.26	0.783	9.30 <sup>a</sup>	6.98	0.046	23.41	20.76	0.179	7.12	7.63	0.601
West Virginia	8.13	7.72	0.589	9.30 <sup>a</sup>	6.29	0.007	20.37	18.86	0.432	6.02	6.21	0.836
Wisconsin	10.65 <sup>a</sup>	8.82	0.042	10.09 <sup>a</sup>	6.24	0.001	26.38 <sup>a</sup>	18.61	0.000	7.91	7.50	0.706
Wyoming	10.07	9.14	0.272	9.77 <sup>a</sup>	7.00	0.018	25.38 <sup>a</sup>	19.66	0.007	7.21	7.56	0.730

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2011-2012 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically, including data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006. See Section B.4.8 in Appendix B of the *Results from the 2008 National Survey on Drug Use and Health: National Findings*.

NOTE: Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

<sup>a</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2011, and 2012.

**Table 21 *Needing But Not Receiving Treatment 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, 2002-2003 and 2011-2012***  
**NSDUHs**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Total U.S.	2.66 <sup>a</sup>	2.38	0.002	5.00 <sup>a</sup>	3.97	0.000	7.45 <sup>b</sup>	7.03	0.070	1.50	1.38	0.243
Northeast	2.63 <sup>a</sup>	2.35	0.034	5.10 <sup>a</sup>	3.80	0.000	8.33 <sup>a</sup>	7.02	0.002	1.41	1.39	0.940
Midwest	2.53 <sup>a</sup>	2.29	0.028	5.09 <sup>a</sup>	3.63	0.000	7.11 <sup>a</sup>	6.37	0.022	1.35	1.42	0.586
South	2.61 <sup>a</sup>	2.33	0.015	4.87 <sup>a</sup>	3.76	0.000	6.96	6.59	0.248	1.54	1.42	0.378
West	2.90 <sup>b</sup>	2.59	0.052	5.01	4.72	0.459	7.89	8.30	0.428	1.67 <sup>a</sup>	1.28	0.026
Alabama	2.22	2.20	0.931	4.25 <sup>b</sup>	3.00	0.067	5.94	5.86	0.927	1.28	1.45	0.577
Alaska	3.13 <sup>a</sup>	2.38	0.029	5.55 <sup>b</sup>	4.03	0.075	8.08	7.01	0.359	1.83	1.29	0.157
Arizona	3.21 <sup>b</sup>	2.60	0.090	6.65	5.17	0.190	7.80	6.71	0.379	1.88	1.55	0.412
Arkansas	2.67	2.49	0.536	4.78	3.54	0.101	7.51	7.84	0.779	1.52	1.44	0.811
California	2.81	2.68	0.580	4.57	4.88	0.601	7.33 <sup>a</sup>	9.20	0.022	1.72 <sup>a</sup>	1.17	0.031
Colorado	3.04	2.59	0.152	4.72	4.87	0.870	9.68	8.59	0.432	1.66	1.30	0.288
Connecticut	2.81 <sup>b</sup>	2.27	0.097	5.05	4.10	0.268	8.19	6.96	0.288	1.73	1.31	0.255
Delaware	2.60	2.39	0.502	4.50	3.92	0.452	6.70	7.34	0.579	1.65	1.37	0.424
District of Columbia	3.02	3.40	0.396	3.80	4.45	0.445	8.13	7.13	0.421	1.94	2.44	0.357
Florida	2.83 <sup>a</sup>	2.31	0.023	5.20 <sup>a</sup>	3.99	0.019	7.76	7.57	0.785	1.83 <sup>a</sup>	1.33	0.049
Georgia	2.55	2.26	0.309	4.79	3.64	0.131	5.92	5.92	0.998	1.62	1.41	0.547
Hawaii	2.63 <sup>a</sup>	1.89	0.028	5.47	4.34	0.248	7.73	6.44	0.280	1.43	0.92	0.142
Idaho	2.75 <sup>a</sup>	2.04	0.010	5.82 <sup>a</sup>	3.69	0.010	7.21	6.08	0.291	1.34	1.09	0.385
Illinois	2.48	2.29	0.321	5.01 <sup>a</sup>	3.46	0.002	6.96	7.31	0.622	1.34	1.28	0.807
Indiana	2.52	2.21	0.289	4.14	3.41	0.316	6.96	5.81	0.257	1.47	1.41	0.854
Iowa	2.36	2.01	0.209	4.18	3.06	0.121	6.00	6.19	0.854	1.43	1.14	0.365
Kansas	2.20	2.02	0.501	3.88	3.48	0.588	6.29	5.20	0.267	1.16	1.25	0.741
Kentucky	2.56	2.46	0.734	5.02 <sup>a</sup>	3.34	0.025	6.98	7.03	0.961	1.49	1.61	0.727
Louisiana	2.89	2.38	0.119	4.25	3.21	0.135	6.77	5.90	0.373	1.90	1.63	0.483
Maine	2.84 <sup>a</sup>	2.23	0.046	5.35 <sup>a</sup>	3.12	0.005	8.95	7.91	0.404	1.61	1.33	0.417
Maryland	2.68	2.37	0.274	4.96	3.75	0.135	8.62	7.30	0.269	1.43	1.38	0.867
Massachusetts	3.12 <sup>a</sup>	2.22	0.004	6.08 <sup>b</sup>	4.33	0.062	10.41 <sup>a</sup>	6.31	0.002	1.60	1.26	0.300
Michigan	2.60	2.49	0.636	5.88 <sup>a</sup>	4.21	0.004	7.19	6.31	0.177	1.33	1.62	0.256
Minnesota	2.57 <sup>a</sup>	1.99	0.035	5.46 <sup>a</sup>	3.76	0.046	6.97 <sup>b</sup>	5.14	0.092	1.36	1.26	0.729
Mississippi	2.52	2.45	0.828	3.92	3.02	0.185	6.26	6.43	0.863	1.55	1.64	0.794
Missouri	2.78 <sup>b</sup>	2.29	0.086	4.66 <sup>b</sup>	3.39	0.082	8.01	6.52	0.180	1.60	1.43	0.600
Montana	2.90 <sup>b</sup>	2.42	0.098	6.42 <sup>a</sup>	4.24	0.017	8.02	8.09	0.951	1.49	1.30	0.538

(continued)

**Table 21 Needing But Not Receiving Treatment 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, 2002-2003 and 2011-2012 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Nebraska	2.64	2.18	0.120	5.36	4.09	0.157	6.25	5.39	0.350	1.55	1.37	0.604
Nevada	2.69	2.35	0.280	5.40	4.26	0.221	7.75	7.10	0.606	1.54	1.34	0.563
New Hampshire	3.01	2.53	0.149	6.54 <sup>b</sup>	4.74	0.070	10.57	8.59	0.164	1.35	1.33	0.956
New Jersey	2.27	2.12	0.568	4.64	4.11	0.518	7.07	7.04	0.981	1.28	1.14	0.610
New Mexico	3.50 <sup>b</sup>	2.76	0.070	5.64	5.83	0.870	10.19	7.94	0.128	1.92	1.46	0.309
New York	2.74	2.47	0.245	4.98 <sup>a</sup>	3.48	0.005	8.38	7.55	0.278	1.52	1.46	0.833
North Carolina	2.62	2.69	0.829	5.21	4.14	0.211	6.65	7.82	0.305	1.60	1.67	0.858
North Dakota	2.59	2.24	0.227	5.37 <sup>a</sup>	3.56	0.030	6.90	6.28	0.563	1.31	1.24	0.821
Ohio	2.61	2.59	0.941	5.24 <sup>a</sup>	3.60	0.001	7.76	7.18	0.400	1.36	1.71	0.152
Oklahoma	2.74 <sup>a</sup>	2.11	0.038	4.91 <sup>a</sup>	3.24	0.032	7.25 <sup>b</sup>	5.41	0.087	1.56	1.38	0.605
Oregon	2.88	2.74	0.678	5.07	4.58	0.579	9.17	8.51	0.613	1.53	1.61	0.813
Pennsylvania	2.24	2.35	0.587	4.80 <sup>a</sup>	3.62	0.022	7.21	6.19	0.133	1.11 <sup>b</sup>	1.56	0.053
Rhode Island	3.18 <sup>b</sup>	2.56	0.071	5.54 <sup>b</sup>	4.05	0.095	11.23 <sup>a</sup>	7.06	0.003	1.42	1.52	0.778
South Carolina	2.43	2.49	0.830	4.32	3.82	0.525	7.31	6.36	0.372	1.31	1.67	0.279
South Dakota	2.37	2.07	0.294	5.08 <sup>a</sup>	3.43	0.046	6.20	5.01	0.237	1.21	1.39	0.568
Tennessee	2.54	2.42	0.694	4.43	3.25	0.110	6.71	7.47	0.513	1.59	1.49	0.757
Texas	2.47	2.18	0.141	4.91	4.11	0.140	6.39	5.60	0.210	1.31	1.25	0.786
Utah	2.69	2.54	0.628	4.22	3.70	0.516	5.42	6.27	0.394	1.59	1.48	0.743
Vermont	3.39 <sup>b</sup>	2.78	0.090	7.19 <sup>a</sup>	4.10	0.002	11.52	9.33	0.144	1.49	1.52	0.930
Virginia	2.69 <sup>b</sup>	2.16	0.053	5.51 <sup>a</sup>	3.79	0.043	7.95	6.48	0.195	1.46	1.23	0.447
Washington	3.08 <sup>a</sup>	2.38	0.022	5.76 <sup>b</sup>	4.24	0.082	10.00 <sup>a</sup>	6.91	0.012	1.53	1.41	0.727
West Virginia	2.46	2.62	0.604	5.29 <sup>a</sup>	3.09	0.004	8.37	7.75	0.600	1.18 <sup>b</sup>	1.80	0.067
Wisconsin	2.28	2.02	0.296	5.67 <sup>a</sup>	3.66	0.024	6.84	5.63	0.232	0.99	1.21	0.407
Wyoming	2.46 <sup>a</sup>	1.93	0.047	4.23	3.62	0.416	7.82 <sup>a</sup>	5.41	0.031	1.19	1.13	0.837

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2011-2012 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Needing But Not Receiving Treatment refers to respondents classified as needing treatment for illicit drugs, but not receiving treatment for an illicit drug problem at a specialty facility (i.e., drug and alcohol rehabilitation facilities [inpatient or outpatient], hospitals [inpatient only], and mental health centers). Illicit Drugs include marijuana/hashish, cocaine (including crack), inhalants, hallucinogens, heroin, or prescription-type psychotherapeutics used nonmedically, including data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006. See Section B.4.8 in Appendix B of the *Results from the 2008 National Survey on Drug Use and Health: National Findings*.

<sup>a</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2011, and 2012.

**Table 22 Needing But Not Receiving Treatment for Alcohol Use in the Past Year, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs**

State	12+ (2002-2003)	12+ (2011-2012)	12+ (P Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 (P Value)	26+ (2002-2003)	26+ (2011-2012)	26+ (P Value)
Total U.S.	7.19 <sup>a</sup>	6.32	0.000	5.59 <sup>a</sup>	3.46	0.000	16.89 <sup>a</sup>	13.94	0.000	5.73 <sup>b</sup>	5.36	0.053
Northeast	6.77	6.47	0.299	5.54 <sup>a</sup>	3.70	0.000	16.94 <sup>a</sup>	14.36	0.000	5.31	5.46	0.665
Midwest	7.96 <sup>a</sup>	6.68	0.000	6.15 <sup>a</sup>	3.40	0.000	18.96 <sup>a</sup>	14.41	0.000	6.25	5.78	0.120
South	6.79 <sup>a</sup>	5.75	0.000	5.19 <sup>a</sup>	3.14	0.000	15.99 <sup>a</sup>	12.78	0.000	5.41 <sup>b</sup>	4.87	0.052
West	7.41 <sup>a</sup>	6.78	0.040	5.69 <sup>a</sup>	3.86	0.000	16.15 <sup>b</sup>	15.01	0.088	6.06	5.68	0.305
Alabama	5.81	4.82	0.121	4.65 <sup>a</sup>	3.12	0.028	13.20	11.16	0.165	4.65	3.93	0.337
Alaska	7.76	8.01	0.779	5.37 <sup>a</sup>	3.60	0.021	18.23	15.63	0.146	6.44	7.21	0.486
Arizona	9.02 <sup>a</sup>	6.60	0.005	7.16 <sup>a</sup>	3.71	0.000	18.75 <sup>a</sup>	13.67	0.006	7.54 <sup>b</sup>	5.76	0.087
Arkansas	7.33 <sup>a</sup>	4.99	0.001	6.08 <sup>a</sup>	3.03	0.000	17.14 <sup>a</sup>	11.69	0.001	5.76 <sup>b</sup>	4.10	0.055
California	6.95	6.54	0.394	5.05 <sup>b</sup>	4.06	0.078	14.54	15.00	0.653	5.84	5.29	0.349
Colorado	8.55	7.50	0.208	6.24 <sup>a</sup>	3.50	0.000	20.00 <sup>b</sup>	16.59	0.075	6.87	6.45	0.677
Connecticut	6.44	7.11	0.394	5.24 <sup>a</sup>	3.70	0.045	18.16	15.77	0.190	4.90	6.18	0.175
Delaware	7.09	6.70	0.605	5.50 <sup>a</sup>	3.13	0.001	17.19	15.51	0.343	5.56	5.61	0.953
District of Columbia	8.88 <sup>a</sup>	11.03	0.050	2.48	3.06	0.392	16.09	17.11	0.587	8.03	10.21	0.105
Florida	6.47 <sup>b</sup>	5.61	0.069	4.93 <sup>a</sup>	2.96	0.000	16.46 <sup>a</sup>	12.72	0.000	5.22	4.81	0.457
Georgia	7.07 <sup>a</sup>	5.15	0.005	4.68 <sup>a</sup>	2.89	0.006	14.94 <sup>a</sup>	11.29	0.025	5.99 <sup>b</sup>	4.36	0.052
Hawaii	7.31	7.03	0.745	6.19 <sup>b</sup>	4.18	0.053	17.85	17.48	0.854	5.79	5.72	0.953
Idaho	8.18 <sup>b</sup>	6.82	0.099	7.69 <sup>a</sup>	3.56	0.000	18.00 <sup>a</sup>	14.23	0.039	6.23	5.97	0.786
Illinois	8.31 <sup>a</sup>	6.85	0.005	5.84 <sup>a</sup>	3.34	0.000	18.98 <sup>a</sup>	14.91	0.000	6.77	5.93	0.183
Indiana	7.15	6.64	0.507	5.51 <sup>a</sup>	3.35	0.003	18.15 <sup>b</sup>	14.88	0.074	5.36	5.61	0.778
Iowa	7.64	6.88	0.350	7.01 <sup>a</sup>	3.17	0.000	18.20	15.30	0.126	5.72	5.85	0.895
Kansas	6.85	5.80	0.140	4.98 <sup>b</sup>	3.51	0.058	17.70 <sup>a</sup>	12.84	0.005	5.02	4.84	0.828
Kentucky	5.90	5.14	0.264	5.21 <sup>a</sup>	3.19	0.005	14.15	11.77	0.127	4.55	4.29	0.741
Louisiana	7.34	6.32	0.147	5.09 <sup>a</sup>	3.03	0.002	16.67 <sup>b</sup>	13.58	0.052	5.81	5.41	0.643
Maine	6.59	5.81	0.295	5.43 <sup>a</sup>	3.15	0.002	17.24	14.55	0.129	5.15	4.85	0.735
Maryland	7.09 <sup>b</sup>	5.82	0.083	5.19 <sup>a</sup>	3.10	0.003	15.17	13.05	0.206	6.08	4.94	0.203
Massachusetts	7.86	7.28	0.493	7.15 <sup>a</sup>	3.89	0.000	18.08	15.77	0.221	6.31	6.17	0.887
Michigan	8.05 <sup>a</sup>	6.76	0.012	6.22 <sup>a</sup>	3.72	0.000	17.31 <sup>a</sup>	13.41	0.000	6.70	6.00	0.272
Minnesota	8.14	7.03	0.173	6.55 <sup>a</sup>	3.60	0.000	19.75 <sup>a</sup>	15.86	0.043	6.26	6.00	0.779
Mississippi	6.17	5.12	0.114	3.47	3.00	0.429	13.69 <sup>a</sup>	10.66	0.045	5.06	4.39	0.412
Missouri	7.63 <sup>a</sup>	5.94	0.023	6.09 <sup>a</sup>	3.49	0.001	19.32 <sup>a</sup>	13.18	0.000	5.78	5.01	0.377
Montana	9.99 <sup>a</sup>	7.56	0.014	10.37 <sup>a</sup>	4.44	0.000	22.55 <sup>a</sup>	16.90	0.005	7.69	6.39	0.275

(continued)

**Table 22 Needing But Not Receiving Treatment for Alcohol Use in the Past Year, by Age Group and State: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2003 and 2011-2012 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2011-2012)	12+ ( <i>P</i> Value)	12-17 (2002-2003)	12-17 (2011-2012)	12-17 ( <i>P</i> Value)	18-25 (2002-2003)	18-25 (2011-2012)	18-25 ( <i>P</i> Value)	26+ (2002-2003)	26+ (2011-2012)	26+ ( <i>P</i> Value)
Nebraska	9.51 <sup>a</sup>	6.79	0.002	8.42 <sup>a</sup>	3.58	0.000	23.20 <sup>a</sup>	15.11	0.000	7.03	5.74	0.211
Nevada	7.83	8.44	0.522	6.80 <sup>a</sup>	3.85	0.002	15.54	16.20	0.725	6.75	7.76	0.382
New Hampshire	8.64 <sup>a</sup>	6.55	0.013	7.33 <sup>a</sup>	3.90	0.000	22.30 <sup>a</sup>	16.62	0.003	6.69	5.28	0.159
New Jersey	5.81	6.12	0.670	4.97	3.78	0.137	15.91	15.64	0.886	4.48	4.97	0.565
New Mexico	9.40 <sup>a</sup>	6.95	0.010	7.46 <sup>a</sup>	4.32	0.003	21.52 <sup>a</sup>	14.23	0.000	7.45	6.03	0.224
New York	6.77	6.35	0.404	5.36 <sup>a</sup>	3.58	0.000	15.53 <sup>a</sup>	12.93	0.009	5.50	5.51	0.983
North Carolina	6.31 <sup>a</sup>	4.47	0.007	5.34 <sup>a</sup>	2.97	0.001	16.04 <sup>a</sup>	11.13	0.004	4.80	3.56	0.113
North Dakota	9.91 <sup>b</sup>	8.23	0.072	9.46 <sup>a</sup>	3.36	0.000	25.71 <sup>a</sup>	19.10	0.002	6.66	6.47	0.862
Ohio	7.47 <sup>a</sup>	6.48	0.042	5.59 <sup>a</sup>	3.09	0.000	17.69 <sup>a</sup>	13.74	0.000	5.97	5.70	0.657
Oklahoma	6.61	7.96	0.102	5.41 <sup>a</sup>	3.49	0.016	16.77	15.16	0.383	4.83 <sup>a</sup>	7.24	0.015
Oregon	6.93	7.09	0.841	5.78 <sup>a</sup>	3.27	0.001	16.86	15.40	0.409	5.40	6.20	0.374
Pennsylvania	6.54	6.19	0.442	5.20 <sup>a</sup>	3.74	0.004	17.60 <sup>a</sup>	13.93	0.000	4.93	5.17	0.661
Rhode Island	9.01	8.30	0.442	6.28 <sup>a</sup>	3.72	0.002	23.85 <sup>a</sup>	18.75	0.017	6.65	6.80	0.891
South Carolina	7.38 <sup>b</sup>	5.96	0.075	4.50	3.52	0.161	18.58 <sup>a</sup>	12.77	0.001	5.78	5.09	0.466
South Dakota	9.59	8.12	0.115	8.55 <sup>a</sup>	3.95	0.000	24.04 <sup>a</sup>	17.17	0.001	6.92	7.06	0.901
Tennessee	5.70	5.70	0.994	4.62 <sup>a</sup>	3.09	0.025	14.41	12.26	0.207	4.38	4.93	0.490
Texas	7.43 <sup>a</sup>	6.42	0.029	5.65 <sup>a</sup>	3.38	0.000	16.62 <sup>a</sup>	13.79	0.005	5.91	5.47	0.444
Utah	6.33 <sup>a</sup>	4.48	0.008	4.71 <sup>a</sup>	2.63	0.006	12.89 <sup>b</sup>	9.81	0.052	4.71	3.57	0.167
Vermont	7.30	6.32	0.199	6.43 <sup>a</sup>	3.93	0.004	18.33	16.00	0.219	5.51	4.92	0.502
Virginia	7.08 <sup>b</sup>	5.76	0.066	6.01 <sup>a</sup>	2.93	0.000	17.15 <sup>a</sup>	13.38	0.026	5.59	4.80	0.356
Washington	7.00	7.33	0.666	5.70 <sup>a</sup>	3.87	0.017	17.79	16.46	0.472	5.33	6.23	0.333
West Virginia	6.17	5.45	0.280	6.31 <sup>a</sup>	3.32	0.000	15.53	14.63	0.588	4.64	4.30	0.663
Wisconsin	8.92 <sup>a</sup>	6.98	0.030	7.00 <sup>a</sup>	3.36	0.000	22.25 <sup>a</sup>	14.78	0.000	6.80	6.13	0.519
Wyoming	8.71	7.36	0.104	7.13 <sup>a</sup>	4.06	0.001	23.02 <sup>a</sup>	16.82	0.002	6.22	6.10	0.902

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2011-2012 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: Needing But Not Receiving Treatment refers to respondents classified as needing treatment for alcohol, but not receiving treatment for an alcohol problem at a specialty facility (i.e., drug and alcohol rehabilitation facilities [inpatient or outpatient], hospitals [inpatient only], and mental health centers).

<sup>a</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2011-2012 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2011, and 2012.



# Methodology Used to Estimate the Bayes Posterior Probability of No Change between the 2002-2003 and 2011-2012 Small Area Estimates

To determine whether the differences between the 2002-2003 and 2011-2012 National Survey on Drug Use and Health (NSDUH) State prevalence rates are statistically significant, let  $\pi_{sa(1)}$  and  $\pi_{sa(2)}$  denote the 2002-2003 and 2011-2012 prevalence rates, respectively, for State- $s$  and age group- $a$ . The difference 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  $lor_{sa}$  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 in each of the tables in this document (i.e., Tables 1 to 22) 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

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

where  $P_{sa(1)}$  are the previously published 2002-2003 State estimates<sup>1</sup> and  $P_{sa(2)}$  are the 2011-2012 State estimates presented in Tables 1 to 22 and elsewhere at <http://www.samhsa.gov/data/NSDUH/2k12State/NSDUHsae2012/Index.aspx>. To compute the

variance of  $\hat{lor}_{sa}$ , that is,  $v(\hat{lor}_{sa})$ , let  $\hat{\theta}_1 = \frac{P_{sa(1)}}{1 - P_{sa(1)}}$  and  $\hat{\theta}_2 = \frac{P_{sa(2)}}{1 - P_{sa(2)}}$ , then

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

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:

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<sup>1</sup> Wright, D., & Sathe, N. (2005). *State estimates of substance use from the 2002-2003 National Surveys on Drug Use and Health* (HHS Publication No. SMA 05-3989, NSDUH Series H-26). Rockville, MD: Substance Abuse and Mental Health Services Administration, Office of Applied Studies.

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

Note that  $v[\ln(\hat{\theta}_1)]$  and  $v[\ln(\hat{\theta}_2)]$  used here to calculate  $v(\hat{lor}_{sa})$  are the same variances used in calculating the previously published 2002-2003 Bayesian confidence intervals and the 2011-2012 Bayesian confidence intervals given here, respectively.

The correlation between  $\ln(\hat{\theta}_1)$  and  $\ln(\hat{\theta}_2)$  for an outcome measure by State by age group combination was estimated by taking the average of five correlations for each outcome measure by State by age group (2002-2003 vs. 2007-2008, 2002-2003 vs. 2008-2009, two sets of 2002-2003 vs. 2009-2010,<sup>2</sup> and 2002-2003 vs. 2010-2011). The average of these five correlations is henceforth referred to as a "generalized correlation." Each of these five sets of correlations was produced by simultaneously fitting 4 years of NSDUH data separately for each outcome measure. For example, to produce correlations between the 2002-2003 and 2007-2008 State estimates for past month marijuana use, four age groups (12 to 17, 18 to 25, 26 to 34, and 35 or older) by two time periods (2002-2003 and 2007-2008), that is, eight 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  $8 \times 8$  matrices corresponding to the eight element (age group  $\times$  time period) vectors of random effects.

For estimating correlations between the 2002-2003 and 2011-2012 State estimates, the pooled 2002-2003 data and the pooled 2011-2012 data were not modeled simultaneously (unlike in previous years) because the 2002-2003 estimates and data were based on the 2000 census geography and the 2011-2012 estimates and data were based on the 2010 census. In addition, new variable selection was performed on the 2011-2012 data, resulting in the inclusion of fixed-effect predictors that may differ from predictors from the 2002-2003 models. For the 2002-2003 versus 2011-2012 comparisons given here and for future comparisons involving extended time period differences, such as 2002-2003 versus 2012-2013, these generalized correlations will be used. Tables showing these generalized correlations will be available at <http://www.samhsa.gov/data/NSDUH/2k12State/NSDUHsae2012/Index.aspx>.

Note that in tests conducted earlier using 2002-2003 versus 2007-2008 data and 2002-2003 versus 2008-2009 data, when the actual (modeled) correlation was replaced by an average correlation of those 2 years, the  $p$  values from both sets of comparisons were fairly comparable, and in most cases they had the same conclusion of whether the test between 2002-2003 and 2007-2008 or 2008-2009 was significant or not. Only a few tests changed their significance (61 out of 9,632 tests across all outcomes, States, and age groups changed their conclusion, from significant to nonsignificant and vice versa) depending on which correlation (actual or the average) was used. More details on this study will be available at [http://www.samhsa.gov/data/Methodological\\_Reports.aspx](http://www.samhsa.gov/data/Methodological_Reports.aspx).

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<sup>2</sup> Correlations were available for 2002-2003 versus 2009-2010 for NSDUH data that included falsified cases, as well as 2009-2010 data excluding falsified cases (for more details on falsification and the revision of 2006 to 2010 data, see Section A.7 of the "2010-2011 National Survey on Drug Use and Health: Guide to State Tables and Summary of Small Area Estimation Methodology"). Note that the correlations for 2002-2003 versus 2007-2008 and 2002-2003 versus 2008-2009 were also based on falsified data.



To calculate the  $p$  value for testing the null hypothesis of no difference ( $lor=0$ ), it is assumed (based on some empirical studies carried out earlier) that the posterior distribution of  $lor$  is normal with  $mean = \hat{lor}_{sa}$  and  $variance = v(\hat{lor}_{sa})$ . With the null value of ( $lor=0$ ), the Bayes  $p$  value or posterior probability of no difference is  $p\ value = 2 * P[Z \geq abs(z)]$ , where  $Z$  is a standard normal random variate,  $z = \frac{\hat{lor}_{sa}}{\sqrt{v(\hat{lor}_{sa})}}$ , and  $abs(z)$  denotes the absolute value of  $z$ .

