

# **Comparison of the 2002-2003 and 2009-2010 Model-Based 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 2009-2010 NSDUHs and to calculate  $p$  values is provided after [Tables 1 to 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 2009-2010 NSDUHs***

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Total U.S.	8.25 <sup>a</sup>	8.82	0.002	11.44 <sup>a</sup>	10.12	0.000	20.24 <sup>a</sup>	21.46	0.003	5.72 <sup>a</sup>	6.46	0.000
Northeast	8.45 <sup>a</sup>	9.49	0.001	11.87 <sup>a</sup>	10.50	0.006	23.71	24.77	0.226	5.58 <sup>a</sup>	6.79	0.002
Midwest	7.96	8.10	0.556	11.11 <sup>a</sup>	9.76	0.001	19.93	20.34	0.544	5.38	5.75	0.207
South	7.64	7.86	0.334	11.03 <sup>a</sup>	9.25	0.000	18.82	19.33	0.440	5.23 <sup>b</sup>	5.72	0.089
West	9.32 <sup>a</sup>	10.48	0.002	12.04	11.49	0.352	20.06 <sup>a</sup>	23.24	0.000	6.96 <sup>a</sup>	8.03	0.021
Alabama	6.62	7.25	0.367	9.65	9.28	0.769	15.94	17.60	0.350	4.57	5.22	0.431
Alaska	12.01 <sup>b</sup>	14.15	0.088	13.34 <sup>b</sup>	10.59	0.071	27.29	27.65	0.883	9.17 <sup>b</sup>	12.00	0.078
Arizona	8.87	9.53	0.475	12.61	10.87	0.263	18.88	20.02	0.578	6.53	7.58	0.341
Arkansas	7.78	7.80	0.977	11.72	9.73	0.165	21.05	18.04	0.163	4.89	5.87	0.257
California	9.01 <sup>a</sup>	10.43	0.013	11.44	11.91	0.597	18.83 <sup>a</sup>	23.10	0.001	6.86	7.82	0.168
Colorado	11.12 <sup>a</sup>	13.48	0.032	13.83	12.63	0.465	25.52 <sup>b</sup>	29.88	0.064	8.24 <sup>b</sup>	10.75	0.060
Connecticut	8.75	9.52	0.366	12.43	10.54	0.213	25.58	26.07	0.841	5.82	6.70	0.367
Delaware	8.74	8.48	0.740	13.54	11.33	0.159	25.77	23.45	0.310	5.19	5.67	0.578
District of Columbia	11.59	12.28	0.562	11.54	13.54	0.226	26.23	24.01	0.376	8.71	9.60	0.531
Florida	8.72	8.42	0.572	11.42 <sup>b</sup>	9.77	0.061	21.32	20.02	0.306	6.58	6.52	0.925
Georgia	7.54	7.32	0.763	10.43	8.91	0.230	17.51	17.84	0.865	5.31	5.26	0.956
Hawaii	8.90	9.69	0.453	13.97 <sup>a</sup>	10.33	0.034	19.31 <sup>b</sup>	23.44	0.084	6.56	7.43	0.478
Idaho	7.24 <sup>a</sup>	9.56	0.004	11.02	10.06	0.475	15.80 <sup>a</sup>	20.56	0.011	4.86 <sup>a</sup>	7.48	0.008
Illinois	7.50 <sup>b</sup>	8.35	0.063	10.83	10.18	0.413	20.22	22.07	0.129	4.80	5.64	0.121
Indiana	8.07	8.44	0.641	10.15	9.66	0.716	20.67	20.56	0.959	5.45	6.18	0.422
Iowa	6.47	5.82	0.312	9.22	9.72	0.730	15.80	15.51	0.872	4.33	3.60	0.319
Kansas	6.74	7.07	0.630	9.33	9.24	0.948	16.67	17.43	0.678	4.43	4.81	0.639
Kentucky	8.33 <sup>b</sup>	7.01	0.091	11.70 <sup>a</sup>	8.39	0.014	18.43	17.91	0.792	6.15	5.10	0.257
Louisiana	8.07	7.52	0.441	10.76 <sup>a</sup>	7.95	0.031	20.54	19.87	0.747	5.17	5.11	0.946
Maine	9.31 <sup>a</sup>	11.79	0.012	12.58	10.79	0.219	25.20 <sup>a</sup>	31.36	0.011	6.52 <sup>a</sup>	9.11	0.027
Maryland	7.57	8.11	0.448	10.76	10.12	0.644	22.02	21.44	0.798	4.85	5.61	0.347
Massachusetts	9.28 <sup>a</sup>	12.12	0.003	13.94	12.42	0.329	27.46	31.15	0.140	5.81 <sup>a</sup>	8.71	0.011
Michigan	9.06 <sup>a</sup>	10.37	0.016	12.80 <sup>a</sup>	10.64	0.014	21.22	22.70	0.221	6.42 <sup>a</sup>	8.21	0.008
Minnesota	7.59	6.97	0.402	11.59 <sup>a</sup>	8.14	0.013	19.28	18.60	0.736	4.91	4.83	0.921
Mississippi	6.56	6.95	0.568	10.59	9.26	0.347	16.33	16.67	0.846	3.98	4.81	0.298
Missouri	9.17 <sup>b</sup>	7.70	0.077	10.05	8.55	0.226	21.37	20.12	0.546	6.90	5.50	0.152
Montana	10.58	10.77	0.846	15.57 <sup>a</sup>	11.66	0.015	22.34	25.61	0.141	7.77	8.08	0.796

(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 2009-2010 NSDUHs (continued)***

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Nebraska	7.67	7.01	0.315	12.71 <sup>a</sup>	8.27	0.001	18.91	17.61	0.488	4.78	4.80	0.975
Nevada	10.30	9.70	0.549	12.46	11.33	0.477	22.02	22.23	0.924	8.17	7.56	0.615
New Hampshire	11.15	12.15	0.382	14.46	13.17	0.443	29.61	31.96	0.333	7.82	8.89	0.432
New Jersey	6.97	7.33	0.624	10.42	8.83	0.222	21.36	20.28	0.618	4.48	5.14	0.414
New Mexico	10.00	10.07	0.945	14.16	12.36	0.321	22.17	22.69	0.820	7.08	7.47	0.758
New York	8.90	9.82	0.109	11.68	10.86	0.346	23.89	24.39	0.717	6.07	7.12	0.131
North Carolina	7.92	8.88	0.245	13.62 <sup>a</sup>	9.79	0.012	20.35	22.23	0.375	5.09	6.54	0.122
North Dakota	7.22 <sup>a</sup>	5.30	0.006	11.64 <sup>a</sup>	7.45	0.002	18.02 <sup>a</sup>	11.98	0.001	4.35	3.51	0.289
Ohio	8.04	7.87	0.713	11.39	10.33	0.204	20.64	20.86	0.846	5.42	5.44	0.977
Oklahoma	8.58	9.66	0.251	12.23	9.99	0.118	18.97	21.82	0.198	6.06	7.38	0.249
Oregon	10.84	12.63	0.125	12.30	12.86	0.731	24.72	28.03	0.164	8.30	10.13	0.185
Pennsylvania	7.50	7.99	0.306	11.28 <sup>a</sup>	9.51	0.030	20.54	21.70	0.353	4.91	5.55	0.259
Rhode Island	10.95 <sup>a</sup>	13.21	0.047	13.25	12.85	0.819	32.44	32.35	0.974	6.75 <sup>a</sup>	9.64	0.034
South Carolina	7.23 <sup>a</sup>	8.88	0.042	11.05 <sup>b</sup>	8.70	0.088	19.54	21.11	0.442	4.54 <sup>a</sup>	6.87	0.013
South Dakota	7.15	6.07	0.132	13.26 <sup>a</sup>	8.62	0.002	17.92	15.03	0.162	4.13	4.12	0.990
Tennessee	6.70	7.07	0.615	9.23	8.31	0.452	16.16	17.60	0.479	4.78	5.27	0.582
Texas	6.97	7.32	0.415	10.18	9.09	0.169	16.54	17.98	0.195	4.59	5.03	0.392
Utah	6.32	5.60	0.274	8.76	6.89	0.120	12.69	12.14	0.738	4.00	3.80	0.796
Vermont	10.96 <sup>a</sup>	13.73	0.017	16.67 <sup>a</sup>	12.80	0.029	29.58 <sup>a</sup>	35.09	0.039	6.99 <sup>a</sup>	10.15	0.026
Virginia	7.68	7.53	0.835	11.88 <sup>a</sup>	9.13	0.049	20.53	19.68	0.664	5.03	5.22	0.821
Washington	9.96	10.82	0.354	13.49 <sup>b</sup>	10.81	0.074	24.65	26.07	0.535	6.96	8.32	0.216
West Virginia	6.61 <sup>a</sup>	8.40	0.014	11.70 <sup>b</sup>	9.36	0.090	17.37 <sup>a</sup>	22.12	0.021	4.29 <sup>a</sup>	6.22	0.020
Wisconsin	7.48	7.77	0.681	10.73	10.04	0.616	18.85	19.95	0.590	4.98	5.37	0.634
Wyoming	7.51	7.07	0.558	10.05	10.46	0.774	18.36	18.14	0.916	5.07	4.63	0.603

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 2009-2010 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 2009-2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2009-2010 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 and 2009-2010 (Latter Revised March 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 2009-2010 NSDUHs**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Total U.S.	10.78 <sup>a</sup>	11.47	0.001	15.38 <sup>a</sup>	13.84	0.000	29.13 <sup>a</sup>	30.39	0.011	6.95 <sup>a</sup>	7.88	0.000
Northeast	11.69 <sup>a</sup>	12.87	0.001	16.39 <sup>a</sup>	14.77	0.008	33.77 <sup>b</sup>	35.60	0.051	7.58 <sup>a</sup>	8.81	0.003
Midwest	10.80	10.79	0.948	15.46 <sup>a</sup>	13.04	0.000	29.83	29.66	0.827	6.75	7.21	0.123
South	9.62	9.94	0.195	14.64 <sup>a</sup>	12.60	0.000	25.90	26.58	0.363	6.09 <sup>a</sup>	6.75	0.024
West	11.84 <sup>a</sup>	13.44	0.000	15.63	15.81	0.797	29.86 <sup>a</sup>	32.87	0.002	7.99 <sup>a</sup>	9.59	0.001
Alabama	8.35	9.01	0.392	12.75	10.80	0.169	23.79	22.93	0.692	5.03	6.40	0.111
Alaska	16.65	17.51	0.529	18.87	16.11	0.159	38.90	36.77	0.418	12.46	13.92	0.389
Arizona	10.48	11.26	0.400	16.96	15.01	0.288	27.54	27.76	0.929	6.46	7.98	0.128
Arkansas	10.22	9.38	0.324	15.76 <sup>a</sup>	11.89	0.020	28.89 <sup>a</sup>	23.77	0.032	6.15	6.69	0.547
California	11.33 <sup>a</sup>	13.74	0.000	14.11 <sup>b</sup>	15.88	0.092	28.29 <sup>a</sup>	32.87	0.001	7.81 <sup>a</sup>	9.81	0.008
Colorado	15.08	16.93	0.131	19.55	19.05	0.816	36.57 <sup>b</sup>	40.92	0.084	10.73	12.54	0.201
Connecticut	11.78 <sup>b</sup>	13.79	0.053	17.58	16.77	0.678	38.82	39.03	0.939	7.09 <sup>b</sup>	9.31	0.054
Delaware	11.65	12.42	0.420	18.20	16.71	0.428	33.24	35.65	0.343	7.09	8.09	0.342
District of Columbia	15.09	16.14	0.415	14.83	16.66	0.330	37.61	34.39	0.234	10.68	12.08	0.346
Florida	11.36	10.76	0.323	16.13 <sup>a</sup>	14.10	0.045	29.83	28.67	0.427	8.13	7.70	0.539
Georgia	9.61	10.44	0.316	14.20	13.25	0.546	23.85	26.24	0.293	6.36	7.29	0.292
Hawaii	11.56	11.62	0.960	18.09 <sup>a</sup>	13.86	0.041	30.20	31.46	0.644	7.70	8.22	0.668
Idaho	9.26 <sup>a</sup>	12.30	0.001	14.63	13.96	0.695	24.37 <sup>a</sup>	29.75	0.021	5.27 <sup>a</sup>	8.89	0.000
Illinois	9.99 <sup>a</sup>	11.27	0.013	14.46	13.40	0.274	29.61	31.15	0.267	5.90 <sup>a</sup>	7.40	0.012
Indiana	10.33	10.18	0.857	13.95	12.38	0.295	28.44	28.29	0.947	6.48	6.76	0.751
Iowa	9.32	8.86	0.563	13.39	13.13	0.870	25.88	24.46	0.549	5.63	5.53	0.899
Kansas	9.08	9.71	0.420	13.24	12.59	0.677	25.44	26.91	0.532	5.29	6.04	0.348
Kentucky	10.30 <sup>a</sup>	8.10	0.007	16.32 <sup>a</sup>	11.19	0.002	26.21	22.88	0.136	6.78 <sup>b</sup>	5.37	0.099
Louisiana	9.82	8.73	0.168	13.02 <sup>b</sup>	10.55	0.090	27.52	24.09	0.125	5.78	5.55	0.786
Maine	12.34 <sup>a</sup>	14.68	0.029	18.76 <sup>b</sup>	15.28	0.067	37.34 <sup>b</sup>	41.89	0.080	7.80 <sup>a</sup>	10.76	0.016
Maryland	10.54	10.09	0.600	14.75	13.72	0.546	30.31	30.94	0.805	6.84	6.12	0.441
Massachusetts	15.45	16.73	0.273	20.15	17.38	0.161	38.19 <sup>a</sup>	44.29	0.026	11.24	11.77	0.691
Michigan	12.61	13.05	0.487	17.03 <sup>a</sup>	14.30	0.004	32.38	32.59	0.882	8.55	9.53	0.190
Minnesota	11.40	10.61	0.375	17.30 <sup>a</sup>	11.90	0.001	30.34	30.02	0.899	7.13	7.11	0.987
Mississippi	7.98	8.50	0.469	11.01	10.65	0.808	22.06	21.70	0.863	4.68	5.73	0.171
Missouri	11.91 <sup>b</sup>	10.23	0.060	16.15 <sup>a</sup>	12.15	0.013	31.48 <sup>b</sup>	27.60	0.096	7.87	7.06	0.402
Montana	13.83	14.61	0.481	21.07 <sup>a</sup>	16.83	0.034	35.15	37.60	0.339	9.00	10.35	0.286

(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 2009-2010 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Nebraska	10.39	9.55	0.298	16.42 <sup>a</sup>	10.81	0.001	27.17	26.28	0.705	6.29	6.16	0.881
Nevada	12.01	11.25	0.460	19.67 <sup>a</sup>	15.02	0.020	29.02	28.03	0.692	8.31	8.19	0.916
New Hampshire	16.30	15.26	0.427	20.52	18.45	0.332	44.61	41.74	0.277	11.31	10.70	0.694
New Jersey	8.64 <sup>a</sup>	10.62	0.012	14.03	13.61	0.799	29.40	31.78	0.345	5.00 <sup>a</sup>	7.00	0.016
New Mexico	12.30	12.50	0.844	19.03	18.12	0.671	33.80	31.97	0.497	7.24	8.21	0.382
New York	12.22	13.00	0.214	15.98	14.32	0.107	33.60	34.56	0.514	8.20	9.03	0.258
North Carolina	9.83	10.67	0.304	16.97 <sup>a</sup>	12.38	0.009	26.70	30.26	0.127	6.05	7.19	0.203
North Dakota	9.81 <sup>b</sup>	8.35	0.065	16.18 <sup>a</sup>	9.84	0.000	28.80 <sup>a</sup>	22.55	0.007	4.95	4.89	0.939
Ohio	10.91	10.37	0.283	15.33 <sup>a</sup>	13.13	0.017	30.34	30.67	0.797	6.96	6.71	0.668
Oklahoma	9.50 <sup>b</sup>	11.09	0.087	15.34	13.92	0.422	25.47	27.95	0.326	5.60 <sup>a</sup>	7.62	0.037
Oregon	13.78 <sup>b</sup>	15.79	0.086	17.38	19.53	0.267	36.44	38.90	0.362	9.47 <sup>b</sup>	11.66	0.100
Pennsylvania	9.88 <sup>a</sup>	10.97	0.046	15.24 <sup>b</sup>	13.62	0.098	29.95	31.43	0.291	5.95 <sup>a</sup>	7.29	0.034
Rhode Island	15.22	16.10	0.454	18.29	17.03	0.523	45.71	42.69	0.292	9.29	10.98	0.214
South Carolina	9.67	10.52	0.326	13.44	12.07	0.374	27.75	28.75	0.686	5.96	7.31	0.148
South Dakota	9.83	8.79	0.174	17.65 <sup>a</sup>	11.22	0.000	28.35	25.66	0.278	5.02	5.40	0.617
Tennessee	7.36 <sup>a</sup>	9.49	0.006	12.15	11.08	0.464	21.07 <sup>a</sup>	25.96	0.037	4.44 <sup>a</sup>	6.71	0.006
Texas	8.56	9.19	0.168	13.91	12.38	0.101	22.28	23.83	0.223	5.01 <sup>b</sup>	5.93	0.081
Utah	8.17 <sup>b</sup>	6.94	0.094	11.08	9.27	0.222	20.77	18.52	0.294	3.93	3.70	0.762
Vermont	15.93	16.99	0.391	22.69 <sup>a</sup>	17.88	0.021	44.56	46.35	0.529	10.10	11.83	0.229
Virginia	9.69	10.35	0.428	15.47	13.10	0.150	29.57	29.32	0.918	5.68	6.71	0.248
Washington	13.50	13.98	0.637	17.64	15.32	0.198	36.16	38.50	0.355	9.05	9.81	0.510
West Virginia	9.16	10.28	0.179	16.92 <sup>a</sup>	12.36	0.008	27.87	27.49	0.874	5.24 <sup>a</sup>	7.47	0.014
Wisconsin	10.01	10.50	0.554	15.84	13.94	0.261	30.00	29.61	0.871	5.61	6.75	0.196
Wyoming	10.45	9.27	0.178	14.46	13.83	0.728	28.79	25.60	0.195	6.38	5.72	0.481

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 2009-2010 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 2009-2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2009-2010 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 and 2009-2010 (Latter Revised March 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 2009-2010 NSDUHs**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Total U.S.	6.18 <sup>a</sup>	6.77	0.000	8.03 <sup>a</sup>	7.38	0.007	17.17 <sup>a</sup>	18.39	0.002	4.01 <sup>a</sup>	4.68	0.000
Northeast	6.78 <sup>a</sup>	7.55	0.004	8.84	8.43	0.329	21.00	21.98	0.228	4.26 <sup>a</sup>	5.01	0.017
Midwest	6.14	6.34	0.313	8.17 <sup>a</sup>	7.13	0.001	17.21	17.55	0.587	3.88 <sup>b</sup>	4.28	0.088
South	5.49	5.73	0.192	7.40 <sup>a</sup>	6.44	0.003	15.32	16.18	0.164	3.51	3.85	0.131
West	6.81 <sup>a</sup>	8.21	0.000	8.22	8.32	0.837	17.05 <sup>a</sup>	19.80	0.001	4.73 <sup>a</sup>	6.09	0.000
Alabama	4.32	4.94	0.257	6.37	5.75	0.531	12.47	13.90	0.398	2.60	3.30	0.256
Alaska	9.78 <sup>b</sup>	11.84	0.092	11.08 <sup>b</sup>	8.64	0.092	23.99	24.46	0.840	7.14 <sup>b</sup>	9.82	0.080
Arizona	5.68	6.52	0.227	7.74	7.58	0.895	15.18	15.95	0.678	3.67	4.78	0.164
Arkansas	5.63	5.47	0.782	7.97	6.38	0.140	16.48	13.88	0.157	3.39	3.96	0.397
California	6.50 <sup>a</sup>	8.23	0.000	7.66	8.60	0.211	16.09 <sup>a</sup>	19.94	0.001	4.57 <sup>a</sup>	5.96	0.018
Colorado	8.49 <sup>a</sup>	11.29	0.006	9.82	9.91	0.953	21.67 <sup>a</sup>	26.35	0.043	6.01 <sup>a</sup>	8.86	0.017
Connecticut	6.94	7.69	0.314	9.22	8.86	0.776	23.62	23.56	0.977	4.22	4.96	0.370
Delaware	6.89	6.98	0.898	9.41	8.49	0.473	22.06	21.05	0.662	3.96	4.48	0.487
District of Columbia	9.60	10.04	0.665	7.43	9.31	0.154	24.14	21.14	0.239	6.93	7.67	0.524
Florida	6.58	6.10	0.293	8.52 <sup>a</sup>	6.92	0.029	17.68	17.22	0.699	4.75	4.33	0.423
Georgia	4.93	5.50	0.322	6.87	6.42	0.669	13.01	14.91	0.270	3.18	3.73	0.397
Hawaii	6.95	7.88	0.315	10.23	7.90	0.106	17.00	19.89	0.206	4.90	5.97	0.313
Idaho	5.09 <sup>a</sup>	7.29	0.001	7.92	7.63	0.797	12.47 <sup>a</sup>	16.49	0.018	3.10 <sup>a</sup>	5.56	0.002
Illinois	5.60 <sup>a</sup>	6.50	0.021	7.61	7.53	0.911	17.43	18.79	0.229	3.23 <sup>a</sup>	4.15	0.045
Indiana	6.12	6.10	0.964	7.37	6.68	0.506	17.19	17.50	0.878	3.91	4.05	0.852
Iowa	4.90	4.92	0.973	7.10	6.94	0.887	13.14	14.27	0.500	3.04	2.99	0.930
Kansas	4.91	5.33	0.442	7.39	6.42	0.379	13.92	14.07	0.924	2.79	3.52	0.241
Kentucky	5.62 <sup>b</sup>	4.58	0.067	8.16 <sup>a</sup>	5.44	0.012	14.15	14.26	0.952	3.82	2.93	0.162
Louisiana	5.77	5.19	0.342	6.92 <sup>b</sup>	5.28	0.093	17.04	15.76	0.483	3.33	3.17	0.805
Maine	7.95 <sup>b</sup>	9.77	0.059	10.56	8.94	0.242	23.22 <sup>b</sup>	27.34	0.073	5.33 <sup>b</sup>	7.36	0.069
Maryland	5.73	6.11	0.533	7.87	7.07	0.492	19.43	19.01	0.840	3.27	3.81	0.407
Massachusetts	7.80 <sup>a</sup>	10.11	0.006	10.53	10.27	0.855	24.54	27.98	0.159	4.79 <sup>a</sup>	6.92	0.023
Michigan	7.20 <sup>a</sup>	8.43	0.014	9.23	8.09	0.124	18.49	20.06	0.167	4.95 <sup>a</sup>	6.47	0.012
Minnesota	6.37	5.93	0.505	8.92 <sup>a</sup>	6.09	0.009	17.49	16.76	0.695	4.00	4.05	0.944
Mississippi	4.64	4.69	0.923	6.04	5.22	0.377	12.99	12.57	0.800	2.74	3.15	0.505
Missouri	6.76	6.13	0.378	7.43	6.42	0.334	18.55	17.44	0.569	4.59	4.18	0.604
Montana	9.17	9.24	0.949	12.07 <sup>b</sup>	9.61	0.079	20.66	22.71	0.335	6.71	6.84	0.907

(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 2009-2010 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Nebraska	5.97	5.88	0.881	9.13 <sup>a</sup>	6.30	0.014	15.61	15.44	0.928	3.66	3.98	0.641
Nevada	7.62	7.01	0.440	9.58	7.61	0.127	18.29	18.16	0.949	5.68	5.22	0.608
New Hampshire	10.23	9.96	0.811	11.79	11.51	0.864	27.31	28.29	0.675	7.36	6.88	0.721
New Jersey	5.05	5.66	0.280	7.33	7.21	0.909	17.89	17.95	0.975	2.93	3.58	0.287
New Mexico	7.37	7.73	0.655	10.35	9.34	0.489	18.98	19.25	0.895	4.74	5.41	0.467
New York	7.34	7.75	0.383	8.76	8.58	0.806	21.44	21.46	0.986	4.82	5.22	0.473
North Carolina	5.89 <sup>b</sup>	7.07	0.089	8.44	7.10	0.228	17.22	19.72	0.188	3.66 <sup>b</sup>	4.96	0.097
North Dakota	5.35 <sup>a</sup>	4.10	0.025	7.58 <sup>a</sup>	4.40	0.002	15.35 <sup>a</sup>	9.98	0.002	2.94	2.71	0.707
Ohio	6.49	6.03	0.231	8.74	7.61	0.110	18.22	18.34	0.914	4.17	3.81	0.438
Oklahoma	5.58 <sup>b</sup>	6.90	0.067	8.13	7.17	0.415	15.51	17.36	0.342	3.31 <sup>a</sup>	4.94	0.042
Oregon	8.88	10.21	0.187	9.31	9.46	0.906	22.17	23.88	0.418	6.57	8.11	0.205
Pennsylvania	5.64	6.17	0.169	8.18	7.40	0.283	17.66	19.18	0.200	3.37	3.88	0.249
Rhode Island	9.56	10.80	0.229	10.86	9.63	0.417	29.93	29.83	0.972	5.70	7.34	0.173
South Carolina	5.65	5.99	0.593	7.25	5.74	0.147	16.46	17.59	0.560	3.52	4.10	0.401
South Dakota	5.24	4.92	0.619	9.57 <sup>a</sup>	5.51	0.001	14.66	13.31	0.456	2.74	3.32	0.408
Tennessee	4.59	4.67	0.879	6.37	5.34	0.265	13.40	14.17	0.669	2.88	3.09	0.707
Texas	4.79 <sup>b</sup>	5.40	0.071	6.38	6.49	0.862	12.86 <sup>b</sup>	14.74	0.068	2.95	3.46	0.196
Utah	4.00 <sup>b</sup>	3.11	0.057	5.30 <sup>b</sup>	3.68	0.075	9.53	7.74	0.186	2.15	1.90	0.638
Vermont	9.77 <sup>b</sup>	11.57	0.100	13.32 <sup>b</sup>	10.65	0.095	26.95 <sup>a</sup>	32.01	0.037	6.34	8.15	0.166
Virginia	5.96	5.85	0.861	8.43	6.74	0.121	17.70	17.40	0.873	3.73	3.73	0.990
Washington	7.41 <sup>b</sup>	8.86	0.080	9.11	8.01	0.357	21.22	22.74	0.471	4.82 <sup>a</sup>	6.69	0.049
West Virginia	5.12	5.99	0.157	8.62 <sup>a</sup>	6.14	0.028	14.67 <sup>a</sup>	18.89	0.024	3.17	4.03	0.196
Wisconsin	5.40	5.67	0.648	7.71	6.87	0.447	15.98	15.81	0.924	3.18	3.76	0.371
Wyoming	5.45	5.37	0.899	7.14	7.07	0.956	15.59	15.26	0.855	3.27	3.35	0.904

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 2009-2010 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 2009-2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2009-2010 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 and 2009-2010 (Latter Revised March 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 2009-2010 NSDUHs**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Total U.S.	39.05 <sup>a</sup>	33.57	0.000	33.66 <sup>a</sup>	29.93	0.000	24.19 <sup>a</sup>	19.24	0.000	42.38 <sup>a</sup>	36.52	0.000
Northeast	36.36 <sup>a</sup>	31.35	0.000	30.73 <sup>a</sup>	26.17	0.000	20.56 <sup>a</sup>	16.00	0.000	39.58 <sup>a</sup>	34.55	0.000
Midwest	38.02 <sup>a</sup>	31.95	0.000	33.94 <sup>a</sup>	31.09	0.000	22.41 <sup>a</sup>	17.48	0.000	41.39 <sup>a</sup>	34.59	0.000
South	43.56 <sup>a</sup>	37.98	0.000	35.89 <sup>a</sup>	32.77	0.000	27.51 <sup>a</sup>	22.15	0.000	47.40 <sup>a</sup>	41.35	0.000
West	35.24 <sup>a</sup>	29.89	0.000	32.25 <sup>a</sup>	27.27	0.000	23.64 <sup>a</sup>	18.88	0.000	37.80 <sup>a</sup>	32.24	0.000
Alabama	48.47 <sup>a</sup>	41.00	0.000	39.58	40.12	0.836	30.97	28.46	0.292	52.76 <sup>a</sup>	43.26	0.000
Alaska	27.54 <sup>b</sup>	24.37	0.099	25.38	25.56	0.946	17.53	14.70	0.112	29.65	26.10	0.157
Arizona	40.53 <sup>a</sup>	31.99	0.000	34.76 <sup>a</sup>	27.03	0.006	26.48 <sup>a</sup>	21.41	0.018	43.90 <sup>a</sup>	34.42	0.001
Arkansas	46.86 <sup>a</sup>	37.94	0.000	39.51 <sup>a</sup>	34.01	0.043	27.94 <sup>a</sup>	21.21	0.002	51.23 <sup>a</sup>	41.20	0.000
California	36.63 <sup>a</sup>	31.22	0.000	32.86 <sup>a</sup>	26.14	0.000	25.51 <sup>a</sup>	20.22	0.000	39.22 <sup>a</sup>	34.01	0.000
Colorado	28.74 <sup>a</sup>	22.32	0.000	28.97 <sup>a</sup>	23.10	0.012	17.51 <sup>a</sup>	13.21	0.009	30.67 <sup>a</sup>	23.80	0.002
Connecticut	34.36	31.35	0.152	27.71 <sup>b</sup>	23.45	0.080	17.99	15.41	0.127	37.62	34.91	0.301
Delaware	37.95 <sup>a</sup>	30.69	0.000	30.07	28.07	0.401	22.13 <sup>a</sup>	15.46	0.000	41.69 <sup>a</sup>	33.51	0.001
District of Columbia	33.64 <sup>a</sup>	26.77	0.001	28.14	24.44	0.191	19.51 <sup>a</sup>	15.44	0.034	36.90 <sup>a</sup>	29.47	0.003
Florida	42.60	40.76	0.129	34.48 <sup>b</sup>	31.86	0.065	26.92 <sup>a</sup>	21.77	0.000	45.82	44.57	0.402
Georgia	44.17 <sup>a</sup>	35.37	0.000	35.25 <sup>a</sup>	30.20	0.037	30.63 <sup>a</sup>	21.30	0.000	47.92 <sup>a</sup>	38.54	0.000
Hawaii	34.25	31.75	0.241	29.60	26.38	0.203	24.59 <sup>a</sup>	18.90	0.011	36.43	34.38	0.438
Idaho	38.60 <sup>a</sup>	33.15	0.005	36.63 <sup>b</sup>	32.33	0.095	26.41 <sup>a</sup>	20.91	0.007	41.44 <sup>a</sup>	35.50	0.017
Illinois	38.54 <sup>a</sup>	32.81	0.000	33.22 <sup>a</sup>	29.72	0.012	22.90 <sup>a</sup>	18.69	0.000	42.05 <sup>a</sup>	35.76	0.000
Indiana	41.91 <sup>a</sup>	33.20	0.000	36.55	34.29	0.365	24.32 <sup>a</sup>	17.84	0.001	45.90 <sup>a</sup>	35.72	0.000
Iowa	44.24 <sup>a</sup>	33.24	0.000	40.63 <sup>a</sup>	33.37	0.006	26.80 <sup>a</sup>	17.70	0.000	48.03 <sup>a</sup>	36.03	0.000
Kansas	42.85 <sup>a</sup>	34.85	0.000	38.79 <sup>a</sup>	31.61	0.007	24.23 <sup>a</sup>	17.94	0.001	47.07 <sup>a</sup>	38.51	0.001
Kentucky	41.86 <sup>b</sup>	38.14	0.067	38.83	39.48	0.807	26.11	24.10	0.346	44.97 <sup>b</sup>	40.22	0.058
Louisiana	45.73 <sup>a</sup>	40.54	0.008	37.94	35.14	0.268	25.31	24.59	0.729	51.01 <sup>a</sup>	44.31	0.008
Maine	31.33 <sup>a</sup>	25.13	0.002	26.71	26.52	0.937	14.91	12.79	0.169	34.37 <sup>a</sup>	26.74	0.002
Maryland	35.62	33.01	0.222	30.86 <sup>b</sup>	26.54	0.087	22.51 <sup>a</sup>	16.80	0.004	38.35	36.55	0.503
Massachusetts	26.82	24.96	0.331	26.76 <sup>a</sup>	20.44	0.005	15.07 <sup>a</sup>	11.03	0.012	28.70	27.95	0.752
Michigan	35.94 <sup>a</sup>	29.36	0.000	32.43 <sup>a</sup>	28.40	0.002	20.12 <sup>a</sup>	16.21	0.000	39.19 <sup>a</sup>	31.75	0.000
Minnesota	31.11 <sup>b</sup>	27.72	0.069	29.53	28.73	0.732	18.15	15.82	0.179	33.69 <sup>b</sup>	29.65	0.085
Mississippi	49.33 <sup>a</sup>	45.18	0.038	38.60	41.61	0.286	31.44	27.86	0.138	54.57 <sup>a</sup>	48.92	0.026
Missouri	36.69	34.16	0.195	33.96	31.67	0.339	22.99 <sup>a</sup>	19.19	0.049	39.49	36.99	0.313
Montana	33.27 <sup>a</sup>	27.58	0.003	28.46	26.18	0.304	18.13 <sup>a</sup>	13.20	0.004	36.66 <sup>a</sup>	30.24	0.008

(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 2009-2010 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (P Value)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (P Value)	26+ (2002-2003)	26+ (2009-2010)	26+ (P Value)
Nebraska	41.65 <sup>a</sup>	34.47	0.001	33.50	36.34	0.278	27.59 <sup>a</sup>	17.72	0.000	45.53 <sup>a</sup>	37.46	0.003
Nevada	34.02	31.64	0.251	33.52	29.66	0.160	22.76 <sup>b</sup>	19.31	0.080	35.86	33.79	0.423
New Hampshire	28.34 <sup>a</sup>	24.05	0.032	22.61	22.33	0.901	12.94	10.99	0.196	31.53 <sup>a</sup>	26.32	0.038
New Jersey	41.79 <sup>a</sup>	34.07	0.000	35.58 <sup>a</sup>	26.87	0.000	23.13 <sup>a</sup>	17.03	0.002	45.25 <sup>a</sup>	37.57	0.004
New Mexico	39.36	36.17	0.137	30.44	26.49	0.121	23.00 <sup>b</sup>	19.16	0.077	43.80	40.53	0.234
New York	36.10 <sup>a</sup>	32.77	0.005	30.29 <sup>a</sup>	26.59	0.009	22.59 <sup>a</sup>	17.92	0.000	39.08 <sup>a</sup>	36.14	0.049
North Carolina	44.10 <sup>a</sup>	33.32	0.000	36.16 <sup>a</sup>	27.56	0.001	25.34 <sup>a</sup>	19.21	0.002	48.29 <sup>a</sup>	36.37	0.000
North Dakota	38.86	35.80	0.112	34.58	35.51	0.716	24.34 <sup>a</sup>	20.10	0.038	42.50	39.48	0.227
Ohio	39.30 <sup>a</sup>	32.47	0.000	35.11 <sup>a</sup>	31.33	0.005	23.10 <sup>a</sup>	17.18	0.000	42.66 <sup>a</sup>	35.11	0.000
Oklahoma	42.65 <sup>a</sup>	36.43	0.003	35.17	33.30	0.487	27.13 <sup>a</sup>	20.60	0.003	46.70 <sup>a</sup>	39.76	0.008
Oregon	30.98 <sup>a</sup>	22.71	0.000	28.97 <sup>a</sup>	24.28	0.047	16.99 <sup>a</sup>	11.75	0.002	33.61 <sup>a</sup>	24.29	0.000
Pennsylvania	40.78 <sup>a</sup>	32.93	0.000	32.97 <sup>a</sup>	29.41	0.012	21.48 <sup>a</sup>	16.62	0.000	44.91 <sup>a</sup>	36.03	0.000
Rhode Island	31.91 <sup>a</sup>	26.90	0.013	25.90	24.53	0.581	16.38 <sup>a</sup>	12.09	0.006	35.48 <sup>a</sup>	29.97	0.032
South Carolina	43.44 <sup>a</sup>	38.58	0.024	36.41 <sup>a</sup>	30.94	0.025	24.77 <sup>b</sup>	20.86	0.059	47.68 <sup>b</sup>	42.44	0.053
South Dakota	37.53	35.85	0.410	35.30	34.30	0.701	21.83 <sup>b</sup>	18.54	0.095	40.94	39.21	0.505
Tennessee	42.06 <sup>a</sup>	37.04	0.017	35.74	31.96	0.131	26.26 <sup>a</sup>	18.65	0.000	45.53 <sup>b</sup>	40.53	0.056
Texas	45.42 <sup>a</sup>	40.40	0.000	36.30	35.65	0.652	30.65 <sup>a</sup>	25.32	0.000	49.77 <sup>a</sup>	43.96	0.000
Utah	42.42 <sup>a</sup>	37.59	0.011	42.42	44.80	0.416	29.72 <sup>b</sup>	25.32	0.061	46.15 <sup>a</sup>	39.42	0.009
Vermont	27.52 <sup>a</sup>	22.73	0.011	23.08	23.35	0.906	12.08	10.51	0.277	30.78 <sup>a</sup>	24.77	0.012
Virginia	40.45 <sup>a</sup>	32.65	0.000	36.17 <sup>a</sup>	26.95	0.000	23.35 <sup>a</sup>	18.40	0.011	43.80 <sup>a</sup>	35.82	0.002
Washington	26.80	24.31	0.163	26.99	28.04	0.654	16.30	13.77	0.113	28.57	25.59	0.181
West Virginia	46.64 <sup>a</sup>	39.95	0.001	33.04	35.75	0.291	25.76 <sup>a</sup>	21.16	0.018	51.58 <sup>a</sup>	43.22	0.001
Wisconsin	34.52 <sup>a</sup>	29.91	0.015	31.12	32.53	0.560	19.86 <sup>a</sup>	15.91	0.029	37.63 <sup>a</sup>	32.04	0.020
Wyoming	38.88 <sup>a</sup>	33.76	0.012	34.88	36.98	0.450	21.04	20.06	0.620	42.85 <sup>a</sup>	35.88	0.008

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 2009-2010 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 2009-2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2009-2010 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 and 2009-2010 (Latter Revised March 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 2009-2010 NSDUHs**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Total U.S.	1.81	1.82	0.800	6.57 <sup>a</sup>	5.93	0.000	6.82 <sup>b</sup>	7.29	0.058	0.13	0.16	0.251
Northeast	1.85	1.94	0.222	7.10 <sup>a</sup>	6.24	0.003	7.75	8.43	0.138	0.12	0.15	0.360
Midwest	1.88	1.83	0.410	6.47 <sup>a</sup>	5.71	0.000	7.35	7.46	0.726	0.13	0.14	0.682
South	1.70	1.62	0.166	6.50 <sup>a</sup>	5.34	0.000	6.25	6.58	0.274	0.12	0.14	0.419
West	1.89 <sup>a</sup>	2.07	0.044	6.38	6.82	0.174	6.58 <sup>a</sup>	7.49	0.043	0.15	0.20	0.283
Alabama	1.55	1.42	0.419	5.97 <sup>a</sup>	4.54	0.043	6.23	5.74	0.594	0.09	0.13	0.317
Alaska	2.68	2.57	0.716	7.77	6.87	0.358	8.43	8.16	0.849	0.16	0.24	0.288
Arizona	1.73	1.79	0.764	6.42	6.33	0.915	6.01	6.35	0.727	0.14	0.17	0.508
Arkansas	1.72	1.49	0.198	6.67 <sup>a</sup>	5.00	0.032	7.11	6.25	0.416	0.10	0.14	0.357
California	1.79 <sup>a</sup>	2.09	0.018	5.88 <sup>a</sup>	6.88	0.041	6.27 <sup>b</sup>	7.40	0.090	0.14	0.20	0.299
Colorado	2.31 <sup>b</sup>	2.78	0.094	7.59	9.31	0.120	8.10	9.61	0.283	0.20	0.21	0.877
Connecticut	2.03	2.27	0.277	8.31	7.23	0.267	8.22	10.51	0.101	0.13	0.15	0.761
Delaware	1.89	2.19	0.153	7.94	7.25	0.466	7.21	9.24	0.121	0.12	0.14	0.521
District of Columbia	1.96 <sup>a</sup>	2.44	0.047	6.89	7.53	0.506	8.17	9.44	0.340	0.17	0.20	0.656
Florida	1.58	1.46	0.232	6.75 <sup>a</sup>	5.69	0.023	6.44	6.40	0.951	0.12	0.14	0.551
Georgia	1.61	1.88	0.150	5.93	6.09	0.847	4.76 <sup>b</sup>	6.58	0.053	0.13	0.15	0.601
Hawaii	1.98	1.87	0.677	7.02	6.85	0.873	8.90	8.24	0.668	0.07 <sup>b</sup>	0.21	0.051
Idaho	1.93	1.97	0.823	6.36	5.71	0.410	5.43 <sup>a</sup>	7.52	0.044	0.13	0.16	0.533
Illinois	1.76	1.84	0.476	6.24	5.67	0.210	6.87	7.69	0.232	0.13	0.14	0.752
Indiana	1.71	1.73	0.915	5.48	5.64	0.836	7.54	7.02	0.644	0.13	0.13	0.909
Iowa	1.62	1.79	0.356	5.37	5.97	0.439	7.15	7.04	0.922	0.11	0.13	0.552
Kansas	1.70	1.71	0.962	5.13	5.61	0.532	7.68	6.48	0.290	0.11	0.14	0.453
Kentucky	1.67	1.50	0.315	6.95 <sup>a</sup>	5.15	0.024	6.29	6.18	0.910	0.12	0.15	0.438
Louisiana	1.76 <sup>a</sup>	1.36	0.019	5.64 <sup>a</sup>	4.11	0.028	7.91 <sup>a</sup>	5.59	0.029	0.09	0.14	0.261
Maine	2.20 <sup>b</sup>	1.82	0.073	8.31 <sup>a</sup>	5.93	0.007	10.35	9.05	0.384	0.13	0.16	0.549
Maryland	1.86	1.83	0.879	6.67	5.59	0.192	7.16	8.01	0.467	0.13	0.12	0.875
Massachusetts	2.06 <sup>b</sup>	2.45	0.090	7.74	8.02	0.772	8.17	9.82	0.251	0.16	0.18	0.660
Michigan	2.06	2.19	0.320	6.78 <sup>b</sup>	6.04	0.095	7.66 <sup>b</sup>	8.93	0.070	0.14	0.15	0.803
Minnesota	2.06	1.85	0.318	6.86 <sup>b</sup>	5.42	0.074	7.15	7.65	0.661	0.15	0.14	0.948
Mississippi	1.43	1.38	0.766	4.55	4.16	0.566	5.33	5.29	0.963	0.09	0.13	0.326
Missouri	2.02 <sup>b</sup>	1.66	0.059	7.10 <sup>b</sup>	5.61	0.057	7.26	6.50	0.472	0.14	0.14	0.901
Montana	2.55	2.53	0.953	9.08	7.53	0.109	10.20	11.68	0.346	0.12	0.18	0.261

(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 2009-2010 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Nebraska	1.76	1.55	0.253	6.63 <sup>a</sup>	4.52	0.005	5.99	6.44	0.656	0.11	0.13	0.627
Nevada	2.02	1.80	0.300	8.42 <sup>b</sup>	6.51	0.054	6.08	6.37	0.775	0.15	0.18	0.637
New Hampshire	2.58	2.53	0.868	8.82	7.42	0.169	11.14	10.61	0.745	0.16	0.17	0.894
New Jersey	1.57	1.85	0.111	6.62	6.00	0.430	5.97 <sup>a</sup>	8.72	0.021	0.12	0.15	0.514
New Mexico	2.35	2.22	0.612	8.26	8.27	0.988	10.49	8.12	0.136	0.14	0.24	0.255
New York	1.88	1.82	0.573	6.85 <sup>a</sup>	5.71	0.014	8.02	7.43	0.429	0.12	0.16	0.284
North Carolina	1.81	1.60	0.234	7.81 <sup>a</sup>	5.36	0.003	6.81	6.85	0.968	0.11	0.13	0.524
North Dakota	1.97 <sup>b</sup>	1.60	0.062	6.96 <sup>a</sup>	4.52	0.002	8.45 <sup>a</sup>	6.14	0.041	0.09	0.13	0.396
Ohio	1.86	1.81	0.645	6.62 <sup>a</sup>	5.68	0.031	7.30	7.59	0.650	0.12	0.14	0.578
Oklahoma	1.79	1.60	0.310	6.33	5.55	0.337	6.67	6.07	0.566	0.10	0.16	0.237
Oregon	1.95	2.23	0.207	6.94	7.49	0.544	7.53	9.06	0.240	0.14	0.20	0.364
Pennsylvania	1.72	1.79	0.489	6.65 <sup>b</sup>	5.81	0.065	7.51	8.27	0.272	0.10	0.13	0.517
Rhode Island	2.14	2.42	0.279	7.89	7.17	0.469	10.02	10.13	0.946	0.15	0.19	0.466
South Carolina	1.85 <sup>b</sup>	1.54	0.089	6.56 <sup>a</sup>	4.89	0.031	8.05	7.07	0.387	0.10	0.13	0.604
South Dakota	2.23 <sup>a</sup>	1.62	0.002	8.39 <sup>a</sup>	4.84	0.000	8.58	7.04	0.194	0.10	0.14	0.338
Tennessee	1.38	1.39	0.969	5.09	4.26	0.199	5.50	6.65	0.254	0.10	0.13	0.490
Texas	1.78	1.75	0.779	6.52 <sup>a</sup>	5.48	0.020	5.55	6.48	0.107	0.14	0.16	0.673
Utah	1.77 <sup>a</sup>	1.36	0.038	4.50	4.03	0.515	5.26	3.96	0.134	0.13	0.16	0.648
Vermont	2.70	2.70	0.996	10.35 <sup>a</sup>	8.21	0.050	10.44	12.47	0.270	0.15	0.17	0.701
Virginia	1.93	1.81	0.535	7.34 <sup>a</sup>	5.64	0.040	7.50	7.65	0.891	0.12	0.14	0.669
Washington	2.07	2.10	0.892	7.14	6.21	0.309	7.11 <sup>b</sup>	9.37	0.092	0.16	0.19	0.586
West Virginia	1.53	1.42	0.458	7.29 <sup>a</sup>	5.56	0.029	6.27	6.40	0.896	0.09	0.14	0.264
Wisconsin	2.06	1.82	0.242	7.17	6.36	0.351	8.25	7.04	0.284	0.12	0.13	0.826
Wyoming	1.92	2.03	0.596	6.44	6.59	0.861	7.06	7.97	0.462	0.12	0.16	0.370

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 2009-2010 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 2009-2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2009-2010 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 and 2009-2010 (Latter Revised March 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 2009-2010 NSDUHs***

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Total U.S.	3.73	3.60	0.287	5.70 <sup>a</sup>	4.52	0.000	8.17	8.16	0.981	2.68	2.69	0.930
Northeast	3.38	3.65	0.160	5.35 <sup>a</sup>	4.02	0.000	8.51	8.96	0.333	2.31 <sup>b</sup>	2.71	0.087
Midwest	3.48	3.31	0.267	5.48 <sup>a</sup>	4.49	0.000	7.81	8.00	0.602	2.43	2.35	0.669
South	3.83 <sup>a</sup>	3.51	0.033	5.85 <sup>a</sup>	4.47	0.000	8.38 <sup>a</sup>	7.60	0.022	2.76	2.69	0.702
West	4.11	3.98	0.585	5.97 <sup>a</sup>	4.99	0.015	7.93	8.56	0.202	3.14	3.02	0.675
Alabama	3.72	3.31	0.337	5.36	4.96	0.663	8.06	7.53	0.630	2.73	2.38	0.498
Alaska	4.00	3.98	0.971	5.39 <sup>b</sup>	3.79	0.054	8.51	7.91	0.641	2.97	3.24	0.676
Arizona	4.66	4.31	0.556	7.22 <sup>a</sup>	4.87	0.034	8.98	8.63	0.795	3.51	3.51	0.995
Arkansas	3.92	4.00	0.872	6.54	5.01	0.116	9.24	8.58	0.612	2.62	3.11	0.382
California	3.94	3.80	0.673	5.79	5.22	0.349	7.02	7.99	0.185	3.11	2.81	0.482
Colorado	4.67	4.17	0.347	6.47 <sup>b</sup>	4.63	0.069	9.80	9.75	0.968	3.53	3.16	0.561
Connecticut	3.25	3.77	0.249	5.35	4.16	0.178	7.57	9.07	0.223	2.35	2.86	0.346
Delaware	3.91	3.66	0.593	6.02	4.69	0.171	10.12	8.75	0.327	2.58	2.70	0.825
District of Columbia	4.06	4.65	0.363	4.22	4.37	0.861	6.65	7.80	0.337	3.54	3.99	0.585
Florida	3.70	3.47	0.481	5.17	4.47	0.195	8.41 <sup>b</sup>	7.13	0.091	2.85	2.81	0.919
Georgia	3.97	3.26	0.110	5.54 <sup>b</sup>	4.01	0.078	8.05	7.23	0.471	3.01	2.46	0.334
Hawaii	3.46	3.56	0.849	6.53 <sup>b</sup>	4.59	0.085	6.93	7.88	0.475	2.49	2.76	0.673
Idaho	3.73	3.91	0.687	5.66	4.61	0.263	7.42	8.49	0.368	2.65	2.98	0.564
Illinois	3.30	3.27	0.937	5.22	4.62	0.287	7.50	8.02	0.488	2.29	2.24	0.898
Indiana	3.56	3.45	0.796	5.69	4.77	0.337	8.30	7.91	0.739	2.39	2.51	0.815
Iowa	3.17 <sup>a</sup>	2.38	0.037	4.37	4.90	0.597	7.35	5.78	0.177	2.21 <sup>b</sup>	1.46	0.095
Kansas	3.11	3.41	0.483	4.49	4.42	0.934	6.66	8.11	0.209	2.21	2.38	0.751
Kentucky	4.38 <sup>a</sup>	3.42	0.047	6.67 <sup>a</sup>	4.62	0.043	9.83	8.17	0.205	3.14	2.52	0.277
Louisiana	4.24	4.14	0.839	6.14 <sup>a</sup>	4.20	0.041	8.78	9.56	0.540	3.04	3.09	0.932
Maine	3.82	3.65	0.711	5.36	4.30	0.223	10.00	10.90	0.518	2.70	2.56	0.788
Maryland	3.44	3.20	0.589	4.87	4.25	0.480	7.66	6.44	0.292	2.58	2.52	0.917
Massachusetts	3.63	4.24	0.208	6.40 <sup>a</sup>	4.25	0.027	10.20	11.20	0.495	2.25	3.00	0.184
Michigan	3.62	3.77	0.626	6.44 <sup>a</sup>	4.41	0.001	7.76	8.53	0.280	2.50	2.87	0.336
Minnesota	3.21	2.84	0.322	5.27 <sup>a</sup>	3.60	0.042	7.23	7.09	0.898	2.19	2.01	0.706
Mississippi	3.60	3.38	0.611	6.26	5.47	0.441	7.39	7.62	0.853	2.43	2.30	0.803
Missouri	4.16 <sup>a</sup>	2.99	0.010	5.40	4.15	0.127	8.91	7.46	0.222	3.15 <sup>b</sup>	2.09	0.056
Montana	3.78	3.15	0.130	7.03 <sup>a</sup>	4.59	0.011	7.23	7.68	0.701	2.70	2.19	0.309

(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 2009-2010 NSDUHs (continued)***

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Nebraska	3.44	2.98	0.252	5.94 <sup>a</sup>	4.07	0.039	8.20	6.51	0.131	2.17	2.16	0.989
Nevada	4.47	4.70	0.696	5.12	5.10	0.985	9.35	10.40	0.469	3.62	3.78	0.829
New Hampshire	4.05	4.65	0.271	6.20 <sup>b</sup>	4.39	0.059	11.72	12.60	0.572	2.57	3.42	0.164
New Jersey	3.40	3.33	0.878	5.15 <sup>b</sup>	3.56	0.062	9.12	8.26	0.498	2.36	2.54	0.728
New Mexico	4.57	4.00	0.297	6.26	5.48	0.462	9.94	8.74	0.407	3.30	2.94	0.589
New York	3.10 <sup>b</sup>	3.70	0.070	4.87	4.01	0.109	7.53	8.44	0.243	2.14 <sup>b</sup>	2.82	0.087
North Carolina	3.96	3.42	0.229	6.90 <sup>a</sup>	4.15	0.005	8.28	7.72	0.638	2.85	2.62	0.668
North Dakota	3.30 <sup>a</sup>	2.37	0.015	5.76	4.28	0.139	6.93 <sup>b</sup>	5.12	0.079	2.19	1.50	0.135
Ohio	3.44	3.48	0.886	5.27	4.64	0.249	7.87	8.70	0.247	2.42	2.48	0.872
Oklahoma	4.41	4.57	0.773	6.33 <sup>b</sup>	4.60	0.092	10.88	10.43	0.775	2.89	3.48	0.375
Oregon	4.29	4.38	0.866	5.55	5.52	0.974	9.38	9.95	0.666	3.26	3.35	0.886
Pennsylvania	3.44	3.21	0.431	5.51 <sup>a</sup>	4.07	0.011	8.04	7.99	0.946	2.43	2.33	0.756
Rhode Island	4.64	4.75	0.853	5.50	5.05	0.667	13.37	11.24	0.215	2.94	3.48	0.428
South Carolina	3.58	3.90	0.569	5.30	4.01	0.129	8.73	6.96	0.159	2.44	3.37	0.165
South Dakota	3.29 <sup>a</sup>	2.39	0.024	6.38 <sup>b</sup>	4.41	0.060	7.81 <sup>a</sup>	5.27	0.034	1.95	1.62	0.468
Tennessee	3.64	3.70	0.895	5.46	4.52	0.284	7.40	8.16	0.525	2.78	2.91	0.821
Texas	3.89 <sup>a</sup>	3.26	0.028	6.19 <sup>a</sup>	4.67	0.011	8.33 <sup>a</sup>	6.87	0.041	2.66	2.37	0.422
Utah	3.74	3.65	0.833	5.35	3.97	0.111	7.30	7.94	0.572	2.39	2.54	0.786
Vermont	3.87	4.57	0.152	6.78 <sup>a</sup>	4.10	0.004	9.22 <sup>a</sup>	12.73	0.019	2.56	3.21	0.272
Virginia	3.54	3.54	0.996	5.83 <sup>b</sup>	4.28	0.095	7.95	8.06	0.921	2.51	2.66	0.783
Washington	4.22	4.42	0.698	6.12 <sup>b</sup>	4.40	0.068	9.77	10.29	0.710	3.01	3.47	0.467
West Virginia	3.51	4.18	0.147	6.07	4.57	0.126	8.09 <sup>a</sup>	10.61	0.047	2.48	3.17	0.203
Wisconsin	3.63	3.71	0.856	5.59	4.87	0.450	8.23	9.68	0.279	2.54	2.53	0.995
Wyoming	3.67	3.27	0.368	5.12	4.98	0.876	8.14	7.41	0.555	2.61	2.31	0.572

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 2009-2010 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 2009-2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2009-2010 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 and 2009-2010 (Latter Revised March 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 2009-2010 NSDUHs**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Total U.S.	2.50 <sup>a</sup>	1.85	0.000	1.90 <sup>a</sup>	0.98	0.000	6.67 <sup>a</sup>	5.00	0.000	1.85 <sup>a</sup>	1.41	0.000
Northeast	2.52	2.26	0.109	1.67 <sup>a</sup>	0.96	0.000	7.17 <sup>b</sup>	6.34	0.065	1.89	1.72	0.390
Midwest	2.50 <sup>a</sup>	1.54	0.000	1.93 <sup>a</sup>	0.93	0.000	6.71 <sup>a</sup>	4.27	0.000	1.83 <sup>a</sup>	1.14	0.000
South	2.41 <sup>a</sup>	1.66	0.000	1.96 <sup>a</sup>	0.89	0.000	6.11 <sup>a</sup>	4.25	0.000	1.83 <sup>a</sup>	1.32	0.000
West	2.62 <sup>a</sup>	2.10	0.002	1.96 <sup>a</sup>	1.20	0.000	7.10 <sup>a</sup>	5.80	0.005	1.89 <sup>b</sup>	1.55	0.086
Alabama	2.25 <sup>a</sup>	1.04	0.000	1.66 <sup>a</sup>	0.67	0.001	5.49 <sup>a</sup>	2.61	0.002	1.75 <sup>a</sup>	0.81	0.005
Alaska	2.40	2.31	0.854	2.44 <sup>a</sup>	0.88	0.000	8.37 <sup>b</sup>	5.90	0.071	1.38	1.81	0.452
Arizona	3.45 <sup>a</sup>	1.95	0.001	3.24 <sup>a</sup>	1.11	0.000	8.53 <sup>a</sup>	5.62	0.028	2.57 <sup>a</sup>	1.44	0.015
Arkansas	2.17 <sup>a</sup>	1.14	0.000	1.86 <sup>a</sup>	0.85	0.006	6.05 <sup>a</sup>	2.84	0.001	1.52 <sup>a</sup>	0.90	0.031
California	2.54 <sup>b</sup>	2.11	0.083	1.70	1.28	0.162	6.61	5.64	0.176	1.92	1.55	0.206
Colorado	3.90	3.06	0.119	2.64 <sup>a</sup>	1.15	0.002	10.29	8.44	0.222	2.96	2.36	0.320
Connecticut	2.13	1.69	0.170	1.82 <sup>a</sup>	1.04	0.044	7.02 <sup>b</sup>	5.13	0.097	1.46	1.21	0.475
Delaware	2.76 <sup>a</sup>	1.80	0.008	1.61 <sup>a</sup>	0.87	0.017	7.38 <sup>a</sup>	4.88	0.034	2.12 <sup>b</sup>	1.41	0.073
District of Columbia	3.58	3.13	0.542	0.65	0.38	0.129	4.55	4.26	0.758	3.65	3.13	0.577
Florida	2.53 <sup>a</sup>	1.85	0.006	1.94 <sup>a</sup>	0.88	0.000	6.83 <sup>a</sup>	5.05	0.010	1.99 <sup>b</sup>	1.47	0.072
Georgia	2.47 <sup>a</sup>	1.40	0.001	1.68 <sup>a</sup>	0.68	0.002	5.26 <sup>a</sup>	3.42	0.049	2.08 <sup>a</sup>	1.15	0.013
Hawaii	1.76	1.58	0.566	1.70 <sup>a</sup>	0.87	0.040	5.52	4.36	0.288	1.17	1.22	0.866
Idaho	1.64 <sup>a</sup>	1.07	0.011	1.80 <sup>b</sup>	1.03	0.061	5.03	3.55	0.102	0.92	0.63	0.184
Illinois	2.44 <sup>a</sup>	1.73	0.001	1.67 <sup>a</sup>	0.86	0.000	6.53 <sup>a</sup>	4.48	0.001	1.82 <sup>b</sup>	1.34	0.061
Indiana	2.57 <sup>a</sup>	1.16	0.000	2.00 <sup>a</sup>	0.90	0.004	7.20 <sup>a</sup>	3.37	0.000	1.80 <sup>a</sup>	0.82	0.002
Iowa	2.23 <sup>a</sup>	1.02	0.000	2.18 <sup>a</sup>	1.12	0.020	6.43 <sup>a</sup>	3.02	0.001	1.44 <sup>a</sup>	0.65	0.007
Kansas	2.21 <sup>a</sup>	1.58	0.031	1.80 <sup>b</sup>	1.07	0.064	6.31 <sup>b</sup>	4.56	0.094	1.48	1.08	0.173
Kentucky	2.56 <sup>a</sup>	1.26	0.000	2.05 <sup>a</sup>	1.05	0.015	6.59 <sup>a</sup>	3.71	0.005	1.93 <sup>a</sup>	0.89	0.002
Louisiana	2.78 <sup>a</sup>	1.65	0.003	1.65 <sup>a</sup>	0.72	0.002	5.38 <sup>b</sup>	3.68	0.058	2.42 <sup>a</sup>	1.39	0.020
Maine	2.30	1.99	0.333	2.18 <sup>a</sup>	1.05	0.006	8.05	6.94	0.385	1.46	1.39	0.845
Maryland	2.05	1.78	0.427	1.38 <sup>b</sup>	0.80	0.067	4.80	4.28	0.576	1.70	1.48	0.577
Massachusetts	2.85	2.97	0.782	2.05 <sup>a</sup>	0.99	0.007	7.88	8.12	0.859	2.14	2.28	0.766
Michigan	2.59 <sup>a</sup>	1.66	0.000	2.08 <sup>a</sup>	0.86	0.000	6.26 <sup>a</sup>	4.54	0.004	2.03 <sup>a</sup>	1.27	0.006
Minnesota	2.51 <sup>a</sup>	1.25	0.000	2.35 <sup>a</sup>	0.91	0.000	7.47 <sup>a</sup>	3.65	0.000	1.64 <sup>a</sup>	0.88	0.018
Mississippi	2.05	1.62	0.200	1.18 <sup>a</sup>	0.61	0.028	4.18	3.40	0.347	1.75	1.43	0.423
Missouri	2.90 <sup>a</sup>	1.69	0.001	2.03 <sup>a</sup>	0.92	0.002	7.19 <sup>a</sup>	4.58	0.016	2.27 <sup>a</sup>	1.30	0.013
Montana	2.48 <sup>a</sup>	1.84	0.033	2.51 <sup>a</sup>	1.03	0.001	7.30	5.76	0.183	1.62	1.25	0.219

(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 2009-2010 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Nebraska	2.12 <sup>a</sup>	1.39	0.012	2.16 <sup>a</sup>	1.02	0.007	5.72 <sup>b</sup>	3.89	0.065	1.42	0.96	0.112
Nevada	2.38	2.41	0.941	1.97 <sup>a</sup>	1.06	0.026	7.35	6.59	0.529	1.66	1.93	0.476
New Hampshire	2.97	2.73	0.550	2.66 <sup>a</sup>	1.08	0.001	10.17	8.63	0.288	1.89	1.98	0.842
New Jersey	2.25	2.21	0.912	1.78 <sup>a</sup>	0.93	0.019	6.49	5.99	0.666	1.71	1.79	0.837
New Mexico	3.07	2.42	0.117	2.81 <sup>a</sup>	1.29	0.008	10.03 <sup>a</sup>	6.75	0.022	1.81	1.77	0.924
New York	2.59	2.25	0.218	1.41 <sup>b</sup>	0.97	0.056	6.93	6.42	0.492	2.02	1.67	0.277
North Carolina	2.43 <sup>b</sup>	1.82	0.066	1.92 <sup>a</sup>	0.83	0.002	6.42 <sup>a</sup>	4.37	0.042	1.83	1.51	0.390
North Dakota	1.94 <sup>a</sup>	0.97	0.000	1.95 <sup>a</sup>	1.00	0.023	5.94 <sup>a</sup>	2.69	0.000	1.10 <sup>a</sup>	0.58	0.032
Ohio	2.53 <sup>a</sup>	1.48	0.000	1.69 <sup>a</sup>	0.96	0.002	6.99 <sup>a</sup>	4.12	0.000	1.88 <sup>a</sup>	1.11	0.004
Oklahoma	2.02 <sup>a</sup>	1.37	0.019	1.86 <sup>a</sup>	1.05	0.046	5.99 <sup>b</sup>	4.02	0.056	1.27	0.92	0.206
Oregon	2.45	1.95	0.129	1.91	1.24	0.101	7.25	6.25	0.424	1.71	1.34	0.282
Pennsylvania	2.37	1.96	0.113	1.49 <sup>a</sup>	0.88	0.008	6.62 <sup>a</sup>	5.17	0.041	1.79	1.55	0.421
Rhode Island	3.79 <sup>b</sup>	2.90	0.098	2.10 <sup>a</sup>	1.07	0.019	12.05 <sup>a</sup>	7.41	0.004	2.50	2.26	0.699
South Carolina	2.64	2.11	0.207	1.71 <sup>a</sup>	0.68	0.001	6.36 <sup>a</sup>	4.14	0.030	2.11	1.95	0.735
South Dakota	1.89 <sup>a</sup>	1.14	0.004	2.41 <sup>a</sup>	0.88	0.000	5.49 <sup>a</sup>	3.27	0.019	1.10	0.78	0.193
Tennessee	2.36 <sup>a</sup>	1.22	0.000	1.85 <sup>a</sup>	0.91	0.009	6.08 <sup>a</sup>	2.99	0.001	1.80 <sup>a</sup>	0.98	0.020
Texas	2.44 <sup>a</sup>	1.76	0.001	2.58 <sup>a</sup>	1.13	0.000	6.66 <sup>a</sup>	4.70	0.003	1.58	1.30	0.226
Utah	1.95 <sup>a</sup>	1.31	0.021	1.52	1.08	0.263	4.78	3.43	0.120	1.21	0.83	0.178
Vermont	2.98	3.05	0.868	2.81 <sup>a</sup>	1.22	0.003	9.73	9.96	0.888	1.85	2.06	0.634
Virginia	2.24	1.84	0.187	1.72 <sup>a</sup>	0.85	0.010	5.52	4.99	0.570	1.78	1.42	0.282
Washington	2.11	2.10	0.991	1.77 <sup>b</sup>	1.05	0.062	7.15	6.31	0.486	1.29	1.54	0.465
West Virginia	2.30	1.86	0.177	2.61 <sup>a</sup>	0.95	0.000	7.42	5.86	0.179	1.44	1.36	0.798
Wisconsin	2.45	2.01	0.189	1.98 <sup>a</sup>	1.00	0.013	6.62	5.93	0.539	1.77	1.45	0.374
Wyoming	2.21 <sup>a</sup>	1.39	0.008	1.80 <sup>a</sup>	0.99	0.031	7.60 <sup>a</sup>	4.50	0.008	1.25	0.87	0.224

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 2009-2010 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 2009-2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2009-2010 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 and 2009-2010 (Latter Revised March 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 2009-2010 NSDUHs**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Total U.S.	4.79	4.89	0.483	7.61 <sup>a</sup>	6.43	0.000	11.70	11.54	0.579	3.20 <sup>a</sup>	3.53	0.030
Northeast	4.05 <sup>a</sup>	4.50	0.014	6.37 <sup>a</sup>	5.41	0.011	11.22	11.99	0.113	2.62 <sup>a</sup>	3.13	0.019
Midwest	4.58	4.80	0.153	7.53 <sup>a</sup>	6.58	0.002	11.68	11.99	0.464	2.90 <sup>a</sup>	3.33	0.026
South	4.92	4.77	0.366	7.88 <sup>a</sup>	6.48	0.000	12.08 <sup>a</sup>	11.28	0.044	3.27	3.44	0.423
West	5.42	5.45	0.917	8.23 <sup>a</sup>	6.98	0.007	11.51	11.17	0.545	3.90	4.21	0.359
Alabama	4.89	4.62	0.564	8.01	7.29	0.506	12.98	11.08	0.201	3.03	3.18	0.776
Alaska	5.34	5.41	0.908	8.09	6.71	0.262	12.72	11.36	0.373	3.58	4.05	0.484
Arizona	6.07	6.31	0.730	9.35	7.58	0.161	13.91	12.68	0.447	4.18	5.07	0.284
Arkansas	5.03	5.51	0.357	7.95	7.48	0.686	13.38	12.39	0.529	3.15	4.13	0.101
California	5.20	4.95	0.493	7.53	6.61	0.177	9.79	9.68	0.898	4.02	3.82	0.669
Colorado	6.08	6.23	0.809	8.98	7.23	0.154	13.94	13.51	0.793	4.31	4.86	0.460
Connecticut	4.03	4.12	0.833	5.70	5.00	0.419	11.54	11.08	0.749	2.72	2.88	0.743
Delaware	5.12	5.56	0.417	7.30	6.19	0.273	13.90	13.70	0.905	3.33	4.14	0.199
District of Columbia	3.52	4.29	0.125	5.26	4.67	0.525	6.73	8.23	0.197	2.73	3.39	0.260
Florida	4.85	4.37	0.154	7.03	6.00	0.101	12.83 <sup>a</sup>	9.76	0.001	3.45	3.38	0.860
Georgia	5.12 <sup>b</sup>	4.27	0.065	8.41 <sup>a</sup>	6.04	0.029	10.66	10.47	0.889	3.64	2.95	0.181
Hawaii	3.90	4.22	0.554	6.52	5.35	0.289	9.41	9.25	0.906	2.67	3.30	0.318
Idaho	5.63	6.09	0.403	8.72	7.52	0.312	13.57	13.20	0.810	3.48 <sup>b</sup>	4.59	0.081
Illinois	4.02	3.94	0.773	6.76 <sup>a</sup>	5.47	0.037	10.92	10.04	0.292	2.42	2.64	0.481
Indiana	5.88	5.73	0.780	8.37	7.57	0.479	15.82	14.75	0.540	3.70	3.93	0.704
Iowa	3.42	3.69	0.527	6.28	6.41	0.895	8.78	9.10	0.810	2.02	2.39	0.441
Kansas	4.36	4.71	0.452	6.14	6.81	0.507	10.84	11.15	0.829	2.84	3.20	0.491
Kentucky	6.50 <sup>b</sup>	5.36	0.052	9.96 <sup>a</sup>	7.54	0.044	17.48 <sup>a</sup>	13.67	0.030	4.16	3.78	0.557
Louisiana	5.16	5.67	0.339	7.46	6.39	0.304	13.19	13.93	0.648	3.20	4.00	0.199
Maine	4.61	4.51	0.830	7.16	6.01	0.269	14.07	13.81	0.874	2.87	3.03	0.744
Maryland	4.03	4.23	0.669	5.95	5.80	0.877	10.52	10.17	0.804	2.75	3.03	0.588
Massachusetts	5.28	5.07	0.684	7.78 <sup>a</sup>	5.61	0.042	14.68	13.12	0.336	3.47	3.58	0.852
Michigan	5.18	5.53	0.363	9.70 <sup>a</sup>	6.40	0.000	11.90 <sup>b</sup>	13.41	0.091	3.37	4.06	0.142
Minnesota	3.93	4.09	0.712	6.37	5.73	0.498	8.79	10.79	0.141	2.70	2.74	0.933
Mississippi	4.40	5.10	0.150	8.48	8.52	0.972	10.05	11.06	0.487	2.64 <sup>b</sup>	3.51	0.099
Missouri	5.17	5.13	0.941	7.75	6.77	0.370	12.93	13.22	0.848	3.44	3.57	0.817
Montana	4.22 <sup>b</sup>	5.07	0.058	8.06	7.09	0.369	10.19	12.31	0.136	2.61 <sup>b</sup>	3.58	0.062

(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 2009-2010 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Nebraska	3.82	3.91	0.815	7.31 <sup>b</sup>	5.61	0.098	10.05	9.38	0.618	2.11	2.64	0.252
Nevada	5.66	5.96	0.612	9.61	7.74	0.158	13.30	13.22	0.958	3.93	4.62	0.316
New Hampshire	5.33	5.38	0.924	7.91	6.20	0.127	16.19	14.90	0.460	3.28	3.78	0.403
New Jersey	3.61	4.15	0.178	5.89	4.95	0.315	9.95	11.97	0.141	2.42	2.85	0.337
New Mexico	5.18	5.78	0.354	8.36	8.29	0.959	10.80	11.17	0.799	3.64	4.47	0.286
New York	3.72 <sup>a</sup>	4.45	0.019	6.02	5.26	0.219	9.78 <sup>a</sup>	11.55	0.041	2.43 <sup>b</sup>	3.09	0.065
North Carolina	5.07	4.54	0.292	8.81 <sup>b</sup>	6.89	0.088	12.09	10.58	0.273	3.40	3.25	0.793
North Dakota	3.54	4.11	0.211	6.34	6.66	0.760	7.76	9.05	0.292	2.27	2.66	0.440
Ohio	4.53 <sup>a</sup>	5.48	0.003	7.09	7.62	0.412	11.98 <sup>b</sup>	13.59	0.079	2.90 <sup>a</sup>	3.89	0.011
Oklahoma	5.81 <sup>b</sup>	7.01	0.066	9.24	7.94	0.315	15.12	15.65	0.773	3.53 <sup>a</sup>	5.30	0.020
Oregon	5.73	6.68	0.138	9.20	7.86	0.267	14.56	14.71	0.928	3.78 <sup>a</sup>	5.26	0.050
Pennsylvania	3.81 <sup>a</sup>	4.40	0.050	6.24	5.75	0.421	10.86	11.55	0.416	2.36 <sup>a</sup>	3.07	0.048
Rhode Island	5.91	5.93	0.974	7.42	6.29	0.313	16.95	14.64	0.192	3.71	4.24	0.453
South Carolina	4.94	5.06	0.807	7.50	6.06	0.153	11.91	12.30	0.788	3.36	3.74	0.519
South Dakota	3.68	3.64	0.925	7.63	6.08	0.155	8.75	8.48	0.830	2.09	2.45	0.438
Tennessee	4.65	4.44	0.641	9.08 <sup>a</sup>	6.19	0.009	11.41	11.90	0.750	2.94	3.05	0.822
Texas	4.90	4.62	0.398	7.60 <sup>a</sup>	6.10	0.025	11.11	10.60	0.555	3.24	3.26	0.966
Utah	5.57	4.92	0.184	7.81	6.57	0.266	11.95	10.31	0.246	3.27	3.31	0.939
Vermont	5.37	4.85	0.301	8.93 <sup>a</sup>	6.00	0.005	14.60	13.34	0.440	3.31	3.26	0.930
Virginia	4.35	5.13	0.112	7.93	6.97	0.372	10.75	12.48	0.225	2.84	3.62	0.153
Washington	5.86	6.20	0.571	10.19 <sup>a</sup>	7.48	0.029	15.25	14.44	0.626	3.66	4.70	0.129
West Virginia	5.34	5.61	0.627	8.87	7.25	0.160	15.67	14.39	0.447	3.27	4.11	0.161
Wisconsin	4.66	4.56	0.832	7.58	7.12	0.679	12.67	11.64	0.500	2.81	3.01	0.705
Wyoming	4.98	4.56	0.389	8.00	7.05	0.411	12.68	10.61	0.162	3.08	3.15	0.888

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2009-2010 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 2009-2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2009-2010 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 and 2009-2010 (Latter Revised March 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 2009-2010 NSDUHs**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Total U.S.	50.50 <sup>a</sup>	51.84	0.001	17.67 <sup>a</sup>	14.23	0.000	60.91	61.59	0.221	53.22 <sup>a</sup>	54.88	0.001
Northeast	55.33 <sup>a</sup>	57.12	0.034	19.24 <sup>a</sup>	16.17	0.000	66.19	67.64	0.188	58.21 <sup>a</sup>	60.19	0.050
Midwest	52.96 <sup>a</sup>	54.66	0.020	18.98 <sup>a</sup>	14.20	0.000	66.22	64.95	0.204	55.35 <sup>a</sup>	57.98	0.002
South	45.89 <sup>a</sup>	47.78	0.007	16.75 <sup>a</sup>	13.40	0.000	57.13	57.73	0.556	47.95 <sup>a</sup>	50.41	0.003
West	51.24	51.40	0.852	16.58 <sup>a</sup>	14.12	0.000	57.43 <sup>a</sup>	59.80	0.045	55.15	54.77	0.720
Alabama	36.83 <sup>a</sup>	43.09	0.002	15.00 <sup>a</sup>	12.12	0.047	50.96	52.31	0.628	37.27 <sup>a</sup>	45.39	0.001
Alaska	50.89	52.81	0.360	15.90	13.67	0.185	59.83	59.18	0.813	55.92	57.10	0.655
Arizona	50.20	48.13	0.342	18.69 <sup>a</sup>	13.61	0.005	58.45	55.58	0.286	53.29	51.36	0.479
Arkansas	38.93	41.23	0.258	16.71	14.26	0.142	53.79	54.67	0.743	39.34	42.43	0.227
California	50.97	50.34	0.623	15.28	13.99	0.181	55.53 <sup>a</sup>	60.99	0.001	55.38	53.27	0.192
Colorado	59.22 <sup>b</sup>	62.68	0.084	20.63	17.66	0.125	68.89	69.60	0.779	62.79 <sup>b</sup>	66.87	0.100
Connecticut	57.93	59.38	0.495	18.88	17.75	0.547	72.28	68.76	0.134	61.02	62.98	0.456
Delaware	53.06 <sup>b</sup>	56.60	0.100	18.35	16.14	0.194	62.71	66.70	0.106	55.89	59.73	0.152
District of Columbia	56.69 <sup>a</sup>	61.58	0.024	13.02	14.09	0.531	67.17 <sup>b</sup>	71.99	0.056	58.52 <sup>b</sup>	63.51	0.064
Florida	52.44	50.70	0.177	17.35 <sup>a</sup>	14.36	0.003	59.66 <sup>b</sup>	56.80	0.082	55.68	53.73	0.208
Georgia	46.07	48.05	0.334	15.09	14.20	0.583	52.19 <sup>a</sup>	57.92	0.030	49.41	50.94	0.551
Hawaii	48.71	47.89	0.711	17.96 <sup>a</sup>	12.92	0.006	58.57	59.80	0.679	51.28	49.83	0.591
Idaho	47.70	47.46	0.910	17.37 <sup>a</sup>	13.15	0.010	53.62	54.67	0.696	51.34	50.98	0.893
Illinois	51.71 <sup>a</sup>	54.21	0.037	18.65 <sup>a</sup>	13.75	0.000	64.16	66.68	0.112	54.10 <sup>a</sup>	57.23	0.036
Indiana	46.60	49.42	0.175	16.04 <sup>a</sup>	12.70	0.032	61.78	60.22	0.554	48.16	52.31	0.110
Iowa	55.37	56.27	0.664	20.18	17.30	0.117	67.28	68.25	0.698	57.79	58.85	0.685
Kansas	48.92 <sup>a</sup>	55.54	0.002	19.41 <sup>a</sup>	15.69	0.032	65.89	63.16	0.268	49.96 <sup>a</sup>	59.31	0.000
Kentucky	40.57	39.06	0.464	18.75 <sup>a</sup>	13.02	0.001	58.07 <sup>a</sup>	49.56	0.002	40.27	40.49	0.931
Louisiana	46.27	46.83	0.784	19.35 <sup>a</sup>	15.07	0.016	61.41	59.37	0.439	47.30	48.66	0.590
Maine	52.17 <sup>b</sup>	56.20	0.064	16.55 <sup>b</sup>	13.73	0.090	66.76	65.13	0.521	54.44 <sup>b</sup>	59.47	0.060
Maryland	54.67	51.89	0.217	17.14 <sup>a</sup>	12.81	0.008	64.21 <sup>b</sup>	59.09	0.060	58.34	55.51	0.306
Massachusetts	59.59 <sup>a</sup>	63.62	0.043	21.04 <sup>a</sup>	15.58	0.003	68.94 <sup>a</sup>	74.33	0.028	62.75 <sup>b</sup>	67.23	0.068
Michigan	53.78	54.73	0.434	19.23 <sup>a</sup>	13.35	0.000	66.30 <sup>a</sup>	62.62	0.017	56.54	58.70	0.150
Minnesota	58.45	58.87	0.841	19.54 <sup>a</sup>	13.16	0.000	70.68	66.69	0.108	61.73	63.09	0.605
Mississippi	35.54 <sup>a</sup>	41.05	0.007	14.72	12.39	0.127	50.24	52.93	0.311	35.72 <sup>a</sup>	42.80	0.007
Missouri	53.21	50.71	0.231	19.67 <sup>a</sup>	15.16	0.008	64.52	60.50	0.106	55.85	53.50	0.372
Montana	55.36	58.05	0.203	24.73 <sup>a</sup>	19.15	0.004	69.29	65.92	0.178	57.19	61.19	0.126

(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 2009-2010 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Nebraska	53.98	51.86	0.330	22.24 <sup>a</sup>	13.66	0.000	68.38 <sup>a</sup>	63.37	0.048	55.77	54.55	0.661
Nevada	50.68 <sup>b</sup>	54.57	0.074	18.40 <sup>a</sup>	14.47	0.030	56.37	58.45	0.437	54.12 <sup>b</sup>	59.05	0.069
New Hampshire	59.80 <sup>b</sup>	63.77	0.052	21.44 <sup>a</sup>	17.64	0.047	71.78	74.09	0.326	63.20 <sup>b</sup>	67.52	0.087
New Jersey	57.73	55.69	0.348	18.77 <sup>a</sup>	15.27	0.045	65.06	64.60	0.862	61.72	59.27	0.358
New Mexico	47.83	45.75	0.361	20.67 <sup>a</sup>	14.49	0.001	60.78 <sup>b</sup>	56.25	0.098	49.67	47.87	0.531
New York	54.71	55.58	0.496	19.49 <sup>a</sup>	16.75	0.012	64.34	66.60	0.158	57.59	58.28	0.663
North Carolina	40.59 <sup>a</sup>	48.98	0.000	16.12 <sup>a</sup>	12.26	0.014	56.43	59.20	0.291	41.18 <sup>a</sup>	51.76	0.000
North Dakota	58.04	59.91	0.367	25.23 <sup>a</sup>	16.58	0.000	73.06	70.28	0.236	59.42	62.64	0.224
Ohio	51.81	52.73	0.472	17.52 <sup>a</sup>	13.78	0.000	65.40	65.40	0.998	54.20	55.51	0.415
Oklahoma	42.94 <sup>b</sup>	47.16	0.057	16.04	14.72	0.447	58.23	60.82	0.347	43.81 <sup>b</sup>	48.82	0.074
Oregon	53.14 <sup>a</sup>	61.02	0.000	17.07	17.31	0.897	65.32	67.14	0.478	55.79 <sup>a</sup>	65.03	0.000
Pennsylvania	51.10 <sup>a</sup>	55.23	0.003	18.06 <sup>a</sup>	15.78	0.029	64.85	66.28	0.383	53.14 <sup>a</sup>	58.01	0.004
Rhode Island	58.96	61.05	0.332	22.12 <sup>a</sup>	16.00	0.002	76.07 <sup>a</sup>	70.13	0.015	60.38	64.59	0.121
South Carolina	45.07	46.00	0.660	14.36	12.21	0.147	61.10 <sup>a</sup>	55.21	0.028	46.35	48.57	0.399
South Dakota	55.18	57.83	0.195	22.07 <sup>a</sup>	15.52	0.001	71.49	69.92	0.514	56.98	60.90	0.130
Tennessee	36.27 <sup>a</sup>	40.39	0.047	13.27	11.28	0.155	46.50 <sup>b</sup>	51.37	0.087	37.48 <sup>b</sup>	42.14	0.069
Texas	47.27	49.15	0.125	17.56 <sup>a</sup>	13.35	0.000	57.99	59.23	0.431	49.86	52.38	0.104
Utah	29.57	26.42	0.131	10.23 <sup>b</sup>	7.58	0.100	35.74	32.45	0.253	31.40	28.08	0.235
Vermont	58.43	61.68	0.121	22.00 <sup>a</sup>	17.44	0.011	73.45	72.67	0.736	60.69	64.59	0.137
Virginia	51.17	52.00	0.691	18.40 <sup>a</sup>	13.51	0.003	61.25	64.47	0.214	53.91	54.46	0.832
Washington	56.31	56.89	0.775	18.15 <sup>a</sup>	13.61	0.006	63.66	61.60	0.426	60.33	61.28	0.704
West Virginia	37.20	40.26	0.154	18.28 <sup>a</sup>	14.46	0.021	53.18	53.94	0.771	36.81	40.94	0.118
Wisconsin	57.92 <sup>a</sup>	64.11	0.002	21.39 <sup>a</sup>	16.78	0.009	72.05	70.45	0.518	60.48 <sup>a</sup>	68.75	0.001
Wyoming	52.14	52.91	0.730	18.30	16.70	0.358	66.48 <sup>a</sup>	59.33	0.008	54.35	56.13	0.530

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 2009-2010 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 2009-2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2009-2010 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 and 2009-2010 (Latter Revised March 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 2009-2010 NSDUHs**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Total U.S.	22.75 <sup>a</sup>	23.39	0.037	10.65 <sup>a</sup>	8.38	0.000	41.25	41.15	0.854	21.20 <sup>a</sup>	22.19	0.008
Northeast	23.82 <sup>b</sup>	24.83	0.075	11.33 <sup>a</sup>	9.40	0.000	44.69	45.23	0.542	22.10	23.22	0.115
Midwest	25.18	25.54	0.427	12.11 <sup>a</sup>	8.71	0.000	47.13 <sup>a</sup>	44.88	0.001	23.09 <sup>a</sup>	24.29	0.034
South	21.22	21.58	0.385	9.68 <sup>a</sup>	7.54	0.000	38.12	37.65	0.500	19.87	20.59	0.166
West	21.81 <sup>a</sup>	23.08	0.025	10.19 <sup>a</sup>	8.61	0.003	37.60 <sup>a</sup>	39.95	0.011	20.61 <sup>b</sup>	21.91	0.075
Alabama	18.10 <sup>b</sup>	20.82	0.064	8.23	6.88	0.189	34.97	32.78	0.364	16.45 <sup>a</sup>	20.52	0.027
Alaska	23.13	24.69	0.332	11.42 <sup>b</sup>	9.08	0.093	41.22	40.80	0.873	22.26	23.73	0.470
Arizona	24.32	23.62	0.666	11.94 <sup>a</sup>	8.72	0.017	41.43	38.71	0.302	23.04	23.01	0.988
Arkansas	21.76 <sup>b</sup>	18.94	0.056	11.31 <sup>a</sup>	7.83	0.004	39.76 <sup>a</sup>	34.33	0.034	19.99	17.81	0.225
California	21.25 <sup>b</sup>	22.83	0.080	9.16	8.57	0.470	35.41 <sup>a</sup>	39.89	0.002	20.43	21.54	0.336
Colorado	25.75	26.21	0.781	11.04	9.64	0.281	46.73	46.39	0.894	24.10	24.72	0.761
Connecticut	23.09 <sup>a</sup>	26.35	0.047	11.18	11.19	0.994	48.14	48.82	0.796	21.04 <sup>b</sup>	24.56	0.080
Delaware	23.71	24.30	0.701	10.46	9.24	0.428	42.89	45.48	0.305	22.12	22.59	0.804
District of Columbia	25.34 <sup>a</sup>	29.52	0.019	5.62	6.92	0.286	39.25 <sup>a</sup>	46.74	0.004	24.35	27.72	0.124
Florida	21.74	20.68	0.248	9.50 <sup>a</sup>	7.64	0.016	39.02 <sup>a</sup>	35.63	0.020	20.76	19.85	0.417
Georgia	20.73	20.14	0.681	8.20	7.25	0.351	33.73	37.10	0.182	20.17	18.94	0.489
Hawaii	23.68	23.72	0.979	11.93 <sup>a</sup>	8.29	0.017	41.12	40.81	0.915	22.47	22.70	0.916
Idaho	21.05	21.89	0.590	11.57 <sup>a</sup>	8.08	0.006	36.12	37.30	0.630	19.45	21.03	0.425
Illinois	25.17	26.01	0.378	11.70 <sup>a</sup>	8.73	0.000	46.77	46.63	0.920	23.22	24.54	0.279
Indiana	22.27	22.55	0.846	9.82 <sup>b</sup>	7.87	0.082	45.11 <sup>b</sup>	40.75	0.089	19.83	21.31	0.419
Iowa	26.34	27.47	0.488	13.85 <sup>a</sup>	10.65	0.030	48.87	48.97	0.971	23.72	25.64	0.344
Kansas	21.71 <sup>a</sup>	25.79	0.009	11.56	9.34	0.107	45.26	42.85	0.370	18.63 <sup>a</sup>	24.68	0.002
Kentucky	19.24 <sup>b</sup>	21.61	0.098	11.08 <sup>a</sup>	8.19	0.018	38.83	39.04	0.934	16.86 <sup>a</sup>	20.43	0.043
Louisiana	23.77	23.01	0.614	10.87 <sup>a</sup>	7.39	0.002	40.36	38.18	0.366	22.39	22.20	0.919
Maine	21.74	22.99	0.404	11.12 <sup>a</sup>	8.34	0.026	44.67	46.14	0.571	19.64	21.27	0.367
Maryland	21.65	20.17	0.329	9.43	7.74	0.136	39.77	36.12	0.178	20.48	19.01	0.436
Massachusetts	27.22	25.57	0.332	14.19 <sup>a</sup>	9.40	0.001	46.98	48.63	0.536	25.64	23.33	0.271
Michigan	24.46 <sup>a</sup>	26.41	0.043	12.06 <sup>a</sup>	7.99	0.000	44.49	43.17	0.330	22.75 <sup>a</sup>	25.90	0.010
Minnesota	28.07	25.85	0.172	13.27 <sup>a</sup>	7.92	0.000	49.84 <sup>b</sup>	45.56	0.097	26.22	24.65	0.437
Mississippi	19.70	20.14	0.752	8.52	6.78	0.117	32.24	33.02	0.747	18.86	19.58	0.677
Missouri	24.56	23.95	0.698	12.61 <sup>a</sup>	9.55	0.021	43.89 <sup>b</sup>	39.61	0.071	22.80	23.11	0.874
Montana	27.41	28.02	0.732	17.85 <sup>a</sup>	12.67	0.004	50.83	50.04	0.759	24.58	25.97	0.530

(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 2009-2010 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Nebraska	26.26	24.76	0.356	14.30 <sup>a</sup>	8.77	0.000	49.83	46.14	0.150	23.44	22.69	0.709
Nevada	20.87 <sup>a</sup>	26.64	0.001	10.90 <sup>b</sup>	8.33	0.056	33.81 <sup>a</sup>	41.92	0.002	20.17 <sup>a</sup>	26.61	0.003
New Hampshire	24.02	24.01	0.995	13.29 <sup>a</sup>	10.27	0.043	49.11	48.29	0.753	21.59	21.78	0.925
New Jersey	21.74 <sup>a</sup>	25.38	0.020	10.11	8.80	0.319	41.95	45.84	0.134	20.36 <sup>a</sup>	24.25	0.042
New Mexico	24.00	22.33	0.306	14.04 <sup>a</sup>	9.23	0.002	41.39	37.43	0.137	22.31	21.26	0.603
New York	24.27	24.01	0.801	10.71	9.60	0.187	42.55	42.22	0.819	22.96	22.51	0.728
North Carolina	19.31	20.66	0.350	10.02 <sup>a</sup>	6.89	0.006	38.03	37.27	0.765	17.40	19.58	0.215
North Dakota	31.37	29.80	0.361	16.58 <sup>a</sup>	10.36	0.000	55.15	51.26	0.147	28.43	27.11	0.548
Ohio	24.40	23.60	0.373	11.31 <sup>a</sup>	8.29	0.000	45.99	44.78	0.377	22.50	22.05	0.692
Oklahoma	19.01 <sup>b</sup>	21.65	0.067	10.70	8.80	0.163	37.98	39.13	0.671	16.53 <sup>a</sup>	20.08	0.046
Oregon	20.52	22.40	0.200	10.70 <sup>b</sup>	8.54	0.087	40.58	42.62	0.431	18.40	20.74	0.193
Pennsylvania	22.83 <sup>a</sup>	24.99	0.025	11.24 <sup>a</sup>	9.04	0.008	45.96	46.13	0.906	20.59 <sup>a</sup>	23.37	0.020
Rhode Island	26.97	26.41	0.753	12.73 <sup>a</sup>	8.98	0.007	55.31 <sup>a</sup>	45.81	0.001	23.56	24.77	0.588
South Carolina	22.54	22.20	0.831	8.80 <sup>a</sup>	6.12	0.012	42.03 <sup>a</sup>	36.06	0.020	20.93	21.85	0.641
South Dakota	28.13	27.68	0.787	15.85 <sup>a</sup>	9.45	0.000	54.15 <sup>b</sup>	49.52	0.083	24.89	25.96	0.610
Tennessee	16.55	17.57	0.478	8.39	6.67	0.122	29.89	31.85	0.438	15.34	16.63	0.472
Texas	23.90	23.98	0.936	9.84 <sup>a</sup>	7.79	0.006	40.02	39.55	0.733	22.96	23.34	0.750
Utah	15.86 <sup>b</sup>	13.23	0.054	7.86 <sup>b</sup>	5.66	0.063	24.95	23.58	0.567	14.70	11.95	0.129
Vermont	25.51	26.42	0.584	14.70 <sup>a</sup>	9.97	0.002	49.19	51.28	0.425	22.87	23.92	0.609
Virginia	20.51 <sup>a</sup>	23.68	0.037	10.70 <sup>a</sup>	8.36	0.050	40.44 <sup>b</sup>	45.42	0.062	18.58 <sup>b</sup>	21.74	0.093
Washington	20.94 <sup>a</sup>	23.89	0.046	11.06 <sup>b</sup>	8.74	0.061	41.67	42.69	0.686	18.76 <sup>a</sup>	22.62	0.035
West Virginia	19.33	20.40	0.457	13.11 <sup>a</sup>	8.51	0.001	38.11	38.41	0.906	17.02	18.95	0.269
Wisconsin	28.98	29.89	0.598	13.48 <sup>a</sup>	10.06	0.016	54.87 <sup>b</sup>	50.05	0.070	26.50	28.78	0.296
Wyoming	24.93	22.90	0.191	12.94	10.85	0.248	49.68 <sup>a</sup>	40.75	0.001	21.98	21.09	0.641

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 2009-2010 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 2009-2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2009-2010 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 and 2009-2010 (Latter Revised March 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 2009-2010 NSDUHs**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (P Value)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (P Value)	26+ (2002-2003)	26+ (2009-2010)	26+ (P Value)
Total U.S.	42.04	42.59	0.144	38.36 <sup>a</sup>	40.02	0.000	32.56 <sup>b</sup>	33.44	0.062	44.20	44.50	0.525
Northeast	39.65	40.52	0.215	36.76 <sup>a</sup>	38.66	0.024	28.81 <sup>a</sup>	30.82	0.013	41.75	42.37	0.471
Midwest	38.83	38.97	0.790	37.30	38.07	0.238	28.48 <sup>b</sup>	29.51	0.086	40.89	40.73	0.812
South	44.60	44.97	0.503	40.12 <sup>a</sup>	41.81	0.013	35.85	36.36	0.405	46.74	46.84	0.886
West	43.24	43.88	0.386	37.93 <sup>a</sup>	40.06	0.016	34.44	34.60	0.863	45.63	46.07	0.639
Alabama	46.19	45.62	0.768	42.74	44.37	0.492	37.64	39.31	0.483	48.17	46.86	0.600
Alaska	40.78	42.44	0.408	35.13 <sup>a</sup>	42.30	0.004	29.24	31.10	0.455	43.78	44.69	0.726
Arizona	39.54 <sup>a</sup>	43.94	0.029	36.77 <sup>a</sup>	42.17	0.030	33.66	36.72	0.219	41.00 <sup>b</sup>	45.40	0.087
Arkansas	43.34	45.47	0.280	41.25	43.66	0.330	35.99	35.74	0.923	44.93	47.30	0.341
California	45.47	45.31	0.887	38.79	40.42	0.245	37.05	36.55	0.738	48.00	47.64	0.810
Colorado	38.39	39.04	0.742	32.48	35.96	0.135	28.41	28.76	0.878	40.94	41.18	0.922
Connecticut	39.85	42.38	0.204	36.18 <sup>b</sup>	40.28	0.088	27.52	30.82	0.156	42.12	44.52	0.338
Delaware	39.62	40.74	0.561	39.63	38.96	0.781	29.37	32.31	0.242	41.39	42.34	0.692
District of Columbia	45.47 <sup>a</sup>	41.44	0.039	43.87	45.67	0.492	37.24	32.85	0.106	47.24 <sup>b</sup>	42.96	0.079
Florida	44.38 <sup>a</sup>	47.25	0.016	40.02 <sup>b</sup>	42.50	0.074	37.54	37.87	0.813	45.89 <sup>a</sup>	49.17	0.026
Georgia	47.12	45.88	0.528	42.61	43.59	0.679	38.37	36.09	0.341	49.36	47.90	0.557
Hawaii	39.86	41.12	0.560	38.93 <sup>b</sup>	43.75	0.067	32.94	35.40	0.368	41.09	41.74	0.809
Idaho	39.96	38.65	0.476	37.53	37.07	0.833	30.42	30.82	0.859	42.33	40.31	0.390
Illinois	40.66	41.47	0.486	38.28	40.28	0.152	31.51	31.39	0.923	42.61	43.44	0.570
Indiana	42.73 <sup>b</sup>	39.33	0.075	40.32	39.17	0.623	30.82	30.12	0.762	45.27 <sup>b</sup>	40.95	0.073
Iowa	34.19	36.96	0.145	31.78 <sup>a</sup>	36.87	0.029	25.92	27.18	0.560	36.09	38.74	0.274
Kansas	40.70	38.62	0.282	38.43	35.98	0.307	28.12	28.45	0.881	43.47	40.91	0.300
Kentucky	42.34	41.65	0.715	39.08	40.94	0.440	33.87	34.34	0.842	44.23	42.90	0.575
Louisiana	43.83	45.47	0.390	39.89 <sup>b</sup>	44.21	0.068	35.50 <sup>b</sup>	39.60	0.074	46.10	46.76	0.786
Maine	36.26	37.65	0.488	32.80	33.39	0.791	24.59	27.29	0.201	38.44	39.57	0.646
Maryland	41.88	43.75	0.358	38.85	42.35	0.161	35.09	35.95	0.728	43.37	45.24	0.463
Massachusetts	34.67	37.59	0.144	34.03	35.61	0.491	24.06 <sup>b</sup>	27.72	0.093	36.44	39.57	0.209
Michigan	39.74	39.47	0.799	38.10	38.91	0.562	29.27 <sup>a</sup>	32.96	0.003	41.79	40.66	0.405
Minnesota	36.35	37.02	0.729	36.49	36.31	0.941	24.65	26.36	0.398	38.45	38.93	0.845
Mississippi	49.91	48.25	0.407	44.09	47.55	0.173	41.78	41.49	0.908	52.44	49.62	0.272
Missouri	38.35	39.57	0.516	36.71	38.27	0.470	28.92	31.50	0.236	40.25	41.10	0.722
Montana	36.33	36.58	0.892	31.95	33.14	0.580	24.62	26.61	0.351	39.04	38.72	0.896

(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 2009-2010 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (P Value)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (P Value)	26+ (2002-2003)	26+ (2009-2010)	26+ (P Value)
Nebraska	37.99	37.35	0.730	35.97	36.94	0.683	25.27	25.59	0.877	40.73	39.68	0.655
Nevada	41.75	42.67	0.634	38.57	39.68	0.650	35.01	33.55	0.543	43.24	44.45	0.616
New Hampshire	33.32 <sup>a</sup>	38.21	0.015	27.98 <sup>a</sup>	34.64	0.003	20.30 <sup>a</sup>	24.71	0.020	36.08 <sup>b</sup>	40.76	0.061
New Jersey	44.79	41.49	0.114	38.38	36.91	0.543	34.09	32.88	0.628	47.14	43.38	0.142
New Mexico	47.07	47.80	0.711	40.01	39.69	0.896	37.35	36.55	0.751	49.98	50.91	0.717
New York	41.50	42.20	0.567	39.15	41.41	0.118	31.25	32.55	0.340	43.50	44.00	0.742
North Carolina	45.72	43.95	0.374	39.55	38.07	0.533	33.43	34.33	0.698	48.60	46.27	0.351
North Dakota	33.65	35.78	0.260	32.51	34.79	0.315	23.09	24.64	0.455	36.02	38.50	0.309
Ohio	37.72 <sup>b</sup>	39.51	0.096	37.89	38.15	0.845	28.46	27.88	0.627	39.29 <sup>b</sup>	41.57	0.096
Oklahoma	43.77	42.00	0.367	37.84	39.07	0.610	31.48	33.82	0.340	46.98	43.88	0.224
Oregon	39.88	39.94	0.976	36.22	37.14	0.687	29.13	28.12	0.645	42.18	42.15	0.989
Pennsylvania	37.29 <sup>b</sup>	39.26	0.098	35.40 <sup>b</sup>	38.13	0.052	26.27 <sup>a</sup>	29.89	0.005	39.32	40.94	0.281
Rhode Island	36.25	37.76	0.454	34.95	36.48	0.523	27.75	29.72	0.388	37.96	39.43	0.563
South Carolina	45.48	46.79	0.529	42.76	42.43	0.890	32.65 <sup>a</sup>	39.53	0.004	48.11	48.51	0.880
South Dakota	35.95	33.62	0.248	33.49	31.31	0.345	23.15	25.04	0.378	38.83	35.48	0.197
Tennessee	45.42	45.00	0.832	41.10	41.51	0.862	34.76	34.52	0.923	47.77	47.06	0.775
Texas	44.61	44.59	0.982	38.81 <sup>b</sup>	41.22	0.082	37.33	36.77	0.688	46.96	46.57	0.774
Utah	50.94	50.82	0.955	47.56	48.74	0.665	40.56	38.09	0.361	54.64	54.33	0.916
Vermont	37.08	36.60	0.808	30.43	32.15	0.447	22.04	22.93	0.668	40.56	39.43	0.657
Virginia	42.20	42.61	0.840	40.32	40.23	0.973	31.25	32.45	0.587	44.23	44.67	0.865
Washington	39.20	41.84	0.179	35.22	37.23	0.392	27.05	29.55	0.263	41.83	44.40	0.302
West Virginia	42.90	44.09	0.573	34.10 <sup>a</sup>	38.93	0.046	33.85	34.02	0.946	45.37	46.15	0.767
Wisconsin	36.57	35.03	0.413	34.07	34.60	0.822	25.07	27.12	0.343	38.99	36.46	0.290
Wyoming	37.38	39.10	0.373	35.00 <sup>a</sup>	39.63	0.042	22.86 <sup>a</sup>	29.18	0.009	40.48	40.86	0.879

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 2009-2010 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 2009-2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2009-2010 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 and 2009-2010 (Latter Revised March 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 2009-2010 NSDUHs**

State	Alcohol Use in Past Month (2002-2003)	Alcohol Use in Past Month (2009-2010)	Alcohol Use in Past Month (P Value)	Binge Alcohol Use in Past Month (2002-2003)	Binge Alcohol Use in Past Month (2009-2010)	Binge Alcohol Use in Past Month (P Value)
Total U.S.	28.89 <sup>a</sup>	26.67	0.000	19.22 <sup>a</sup>	17.54	0.000
Northeast	31.50	30.58	0.159	20.74	19.92	0.170
Midwest	31.65 <sup>a</sup>	27.16	0.000	21.99 <sup>a</sup>	18.78	0.000
South	27.17 <sup>a</sup>	25.17	0.000	17.54 <sup>a</sup>	15.90	0.000
West	26.82 <sup>b</sup>	25.62	0.073	17.91	17.15	0.210
Alabama	24.88	22.30	0.111	16.45 <sup>a</sup>	13.62	0.030
Alaska	26.43	25.86	0.735	19.42	18.54	0.553
Arizona	28.64 <sup>a</sup>	23.50	0.004	19.76 <sup>a</sup>	16.36	0.026
Arkansas	25.16 <sup>b</sup>	22.27	0.092	18.84 <sup>a</sup>	13.27	0.000
California	24.67	25.40	0.473	16.09	16.93	0.382
Colorado	33.02 <sup>b</sup>	29.89	0.089	21.31 <sup>a</sup>	18.30	0.049
Connecticut	32.63	31.94	0.704	21.42	22.26	0.635
Delaware	31.13	31.67	0.778	20.37	21.77	0.400
District of Columbia	31.16	29.22	0.391	16.58	16.72	0.940
Florida	27.50 <sup>a</sup>	25.55	0.049	16.87 <sup>b</sup>	15.32	0.068
Georgia	24.15	23.33	0.601	15.31	14.62	0.586
Hawaii	28.58	25.48	0.113	20.77 <sup>b</sup>	17.57	0.067
Idaho	26.66	25.79	0.611	18.81	16.85	0.168
Illinois	30.52 <sup>b</sup>	28.76	0.070	21.63 <sup>a</sup>	19.60	0.028
Indiana	27.53 <sup>a</sup>	23.51	0.016	18.75	16.44	0.107
Iowa	34.35 <sup>a</sup>	29.46	0.009	24.68 <sup>a</sup>	20.99	0.030
Kansas	31.31	29.01	0.194	21.90	19.67	0.171
Kentucky	28.99 <sup>a</sup>	24.07	0.003	19.61 <sup>b</sup>	17.07	0.081
Louisiana	31.05 <sup>a</sup>	27.19	0.020	18.97 <sup>b</sup>	16.20	0.052
Maine	30.23 <sup>a</sup>	25.09	0.004	22.54 <sup>a</sup>	17.52	0.001
Maryland	28.10 <sup>b</sup>	25.14	0.088	17.52	15.61	0.176
Massachusetts	32.50	31.35	0.530	22.40	21.06	0.392
Michigan	31.83 <sup>a</sup>	24.93	0.000	21.36 <sup>a</sup>	16.80	0.000
Minnesota	33.36 <sup>a</sup>	27.28	0.001	24.17 <sup>a</sup>	19.89	0.006
Mississippi	24.01	24.96	0.593	15.72	15.23	0.730
Missouri	32.41 <sup>a</sup>	25.12	0.000	21.16 <sup>a</sup>	16.39	0.001
Montana	38.39 <sup>a</sup>	32.13	0.001	28.80 <sup>a</sup>	22.95	0.001

(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 2009-2010 NSDUHs (continued)**

State	Alcohol Use in Past Month (2002-2003)	Alcohol Use in Past Month (2009-2010)	Alcohol Use in Past Month ( <i>P</i> Value)	Binge Alcohol Use in Past Month (2002-2003)	Binge Alcohol Use in Past Month (2009-2010)	Binge Alcohol Use in Past Month ( <i>P</i> Value)
Nebraska	34.98 <sup>a</sup>	26.58	0.000	23.77 <sup>a</sup>	19.22	0.004
Nevada	26.87	25.34	0.383	16.81	17.72	0.537
New Hampshire	35.98	32.93	0.101	25.02 <sup>b</sup>	21.77	0.052
New Jersey	29.38	28.41	0.584	17.59	19.36	0.248
New Mexico	32.37 <sup>a</sup>	25.18	0.000	22.15 <sup>a</sup>	16.49	0.000
New York	31.59	31.64	0.956	20.34	19.21	0.241
North Carolina	26.71	24.22	0.138	17.99 <sup>a</sup>	14.54	0.013
North Dakota	41.54 <sup>a</sup>	33.57	0.000	31.04 <sup>a</sup>	24.20	0.000
Ohio	30.13 <sup>a</sup>	27.41	0.005	20.95 <sup>a</sup>	19.20	0.046
Oklahoma	28.47 <sup>b</sup>	25.55	0.087	19.07 <sup>a</sup>	15.87	0.031
Oregon	28.22	30.14	0.292	18.61	17.75	0.574
Pennsylvania	30.86	29.47	0.184	21.05	19.88	0.222
Rhode Island	38.31 <sup>a</sup>	33.12	0.008	26.58 <sup>a</sup>	21.71	0.005
South Carolina	27.25 <sup>a</sup>	22.84	0.008	18.05 <sup>a</sup>	14.19	0.005
South Dakota	37.21 <sup>a</sup>	30.60	0.000	28.52 <sup>a</sup>	20.63	0.000
Tennessee	23.80	21.83	0.277	15.95	14.87	0.457
Texas	27.35	26.13	0.223	17.14	16.95	0.826
Utah	19.41	16.48	0.132	15.43 <sup>b</sup>	12.68	0.092
Vermont	35.56	34.62	0.617	25.77	24.10	0.330
Virginia	30.33	29.66	0.692	20.47	19.75	0.645
Washington	31.54 <sup>a</sup>	26.92	0.010	21.02	18.91	0.150
West Virginia	28.84 <sup>a</sup>	24.64	0.017	21.48 <sup>a</sup>	16.45	0.001
Wisconsin	34.72 <sup>a</sup>	30.09	0.009	24.45 <sup>a</sup>	21.05	0.035
Wyoming	33.64 <sup>b</sup>	30.21	0.087	24.93 <sup>a</sup>	21.26	0.048

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 2009-2010 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 2009-2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2009-2010 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 and 2009-2010 (Latter Revised March 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 2009-2010 NSDUHs**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Total U.S.	30.09 <sup>a</sup>	27.60	0.000	14.83 <sup>a</sup>	11.25	0.000	45.02 <sup>a</sup>	41.27	0.000	29.59 <sup>a</sup>	27.28	0.000
Northeast	29.21 <sup>a</sup>	26.27	0.000	14.42 <sup>a</sup>	10.90	0.000	45.89 <sup>a</sup>	40.90	0.000	28.45 <sup>a</sup>	25.62	0.001
Midwest	32.85 <sup>a</sup>	30.10	0.000	16.97 <sup>a</sup>	12.56	0.000	49.35 <sup>a</sup>	45.79	0.000	32.12 <sup>a</sup>	29.58	0.000
South	31.66 <sup>a</sup>	29.04	0.000	15.72 <sup>a</sup>	11.29	0.000	45.84 <sup>a</sup>	41.64	0.000	31.39 <sup>a</sup>	29.12	0.001
West	25.56 <sup>a</sup>	24.00	0.019	11.70 <sup>a</sup>	10.22	0.006	38.83 <sup>a</sup>	36.86	0.028	25.15 <sup>b</sup>	23.48	0.051
Alabama	33.02	32.68	0.857	16.66 <sup>a</sup>	11.89	0.002	45.20	44.30	0.717	33.07	33.29	0.927
Alaska	30.73	31.93	0.522	16.39 <sup>b</sup>	13.27	0.063	48.43	45.63	0.291	30.42	31.89	0.542
Arizona	30.45 <sup>a</sup>	26.04	0.017	15.11 <sup>a</sup>	11.52	0.025	39.80	37.75	0.460	31.00 <sup>a</sup>	25.96	0.030
Arkansas	39.35 <sup>a</sup>	33.53	0.002	19.57 <sup>a</sup>	13.76	0.001	55.88 <sup>a</sup>	45.35	0.000	39.12 <sup>a</sup>	34.08	0.040
California	22.45	21.72	0.462	9.22	9.06	0.838	35.14	33.93	0.392	22.07	21.13	0.464
Colorado	31.24 <sup>a</sup>	26.91	0.012	17.44 <sup>a</sup>	12.37	0.003	49.95 <sup>a</sup>	42.57	0.004	29.86 <sup>b</sup>	25.94	0.068
Connecticut	27.06	25.07	0.286	15.19 <sup>a</sup>	10.81	0.006	46.14 <sup>b</sup>	41.34	0.057	25.86	24.18	0.467
Delaware	29.52	29.01	0.774	16.30 <sup>a</sup>	12.53	0.016	46.47 <sup>b</sup>	42.17	0.099	28.32	28.80	0.828
District of Columbia	29.21	27.50	0.366	9.53	9.08	0.750	37.39	35.49	0.469	29.34	27.37	0.403
Florida	28.14 <sup>b</sup>	26.24	0.070	14.34 <sup>a</sup>	10.43	0.000	41.55 <sup>a</sup>	37.56	0.006	27.91	26.24	0.198
Georgia	30.88 <sup>a</sup>	26.80	0.025	15.79 <sup>a</sup>	11.52	0.006	41.74	40.39	0.600	31.07 <sup>a</sup>	26.51	0.046
Hawaii	24.62	22.62	0.241	12.33	10.04	0.119	36.59	36.80	0.940	24.37	21.74	0.213
Idaho	28.09	27.73	0.830	14.70 <sup>b</sup>	11.85	0.064	43.08	41.70	0.586	27.13	27.43	0.890
Illinois	30.91 <sup>a</sup>	28.74	0.038	14.97 <sup>a</sup>	10.94	0.000	46.68 <sup>b</sup>	44.05	0.059	30.33	28.30	0.131
Indiana	33.09	30.63	0.134	16.84 <sup>a</sup>	12.22	0.003	49.30	47.39	0.437	32.42	30.12	0.267
Iowa	30.88	30.87	0.995	16.34 <sup>b</sup>	13.33	0.075	48.67	45.03	0.158	29.44	30.45	0.673
Kansas	31.24	30.66	0.749	15.57	13.48	0.219	45.68	44.15	0.557	30.73	30.33	0.865
Kentucky	39.78 <sup>a</sup>	35.51	0.034	23.18 <sup>a</sup>	15.04	0.000	58.88 <sup>a</sup>	48.42	0.000	38.54	35.88	0.295
Louisiana	32.70	30.09	0.129	17.58 <sup>a</sup>	10.86	0.000	48.21 <sup>a</sup>	41.88	0.009	31.87	30.41	0.511
Maine	31.33	28.92	0.197	13.55	12.46	0.487	50.44	47.07	0.190	30.69	28.10	0.259
Maryland	27.13 <sup>b</sup>	24.16	0.094	12.70 <sup>a</sup>	9.26	0.014	42.05 <sup>a</sup>	35.94	0.019	26.76	24.01	0.209
Massachusetts	26.09	24.27	0.258	14.37 <sup>a</sup>	10.39	0.007	42.53	42.39	0.959	24.88	22.65	0.257
Michigan	32.56 <sup>a</sup>	30.06	0.018	15.89 <sup>a</sup>	11.91	0.000	47.64 <sup>b</sup>	45.35	0.095	32.32 <sup>b</sup>	29.77	0.060
Minnesota	31.44 <sup>a</sup>	27.33	0.015	17.69 <sup>a</sup>	11.18	0.000	51.31 <sup>b</sup>	46.96	0.089	29.78 <sup>b</sup>	25.92	0.070
Mississippi	35.49	34.57	0.627	16.57 <sup>b</sup>	13.54	0.073	47.77	46.86	0.730	35.87	35.19	0.781
Missouri	36.69	34.45	0.246	21.01 <sup>a</sup>	15.85	0.004	51.76	47.58	0.103	36.19	34.55	0.501
Montana	34.18	32.12	0.267	21.16 <sup>a</sup>	16.34	0.007	53.76 <sup>a</sup>	47.95	0.016	32.51	31.19	0.575

(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 2009-2010 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Nebraska	30.59	29.00	0.372	18.86 <sup>a</sup>	12.12	0.000	48.81 <sup>a</sup>	42.20	0.007	28.76	28.62	0.954
Nevada	34.99 <sup>a</sup>	27.41	0.000	15.31 <sup>a</sup>	9.93	0.001	42.38	39.62	0.299	36.47 <sup>a</sup>	27.74	0.001
New Hampshire	31.71	28.98	0.153	16.82 <sup>b</sup>	13.66	0.065	50.33	46.77	0.142	30.86	27.95	0.224
New Jersey	26.84	25.55	0.472	13.65 <sup>a</sup>	9.74	0.013	44.45	42.22	0.406	26.04	24.91	0.612
New Mexico	29.03	27.12	0.289	15.37	13.06	0.176	45.26	42.99	0.399	28.14	26.03	0.362
New York	28.82 <sup>a</sup>	24.21	0.000	12.78 <sup>a</sup>	9.98	0.001	43.64 <sup>a</sup>	36.42	0.000	28.40 <sup>a</sup>	23.75	0.001
North Carolina	35.90 <sup>a</sup>	30.27	0.002	17.97 <sup>a</sup>	11.09	0.000	50.13 <sup>a</sup>	43.42	0.009	35.88 <sup>a</sup>	30.42	0.018
North Dakota	32.51 <sup>a</sup>	28.77	0.038	20.88 <sup>a</sup>	13.10	0.000	49.74 <sup>a</sup>	42.36	0.003	30.50	27.47	0.188
Ohio	36.03 <sup>a</sup>	31.20	0.000	17.27 <sup>a</sup>	14.01	0.001	51.79 <sup>a</sup>	47.62	0.003	35.91 <sup>a</sup>	30.65	0.000
Oklahoma	35.86	36.51	0.747	17.60 <sup>b</sup>	14.35	0.068	52.96	51.53	0.608	35.16	36.60	0.576
Oregon	30.19	28.45	0.322	14.42	12.91	0.319	46.63	42.81	0.127	29.46	27.92	0.479
Pennsylvania	32.94 <sup>a</sup>	30.69	0.040	16.75 <sup>a</sup>	12.94	0.000	50.17 <sup>a</sup>	45.03	0.000	32.24	30.39	0.179
Rhode Island	31.14 <sup>a</sup>	26.81	0.024	16.13 <sup>a</sup>	10.85	0.001	51.46 <sup>a</sup>	41.87	0.000	29.29	25.83	0.142
South Carolina	31.92	30.47	0.431	15.52 <sup>a</sup>	11.62	0.010	48.06	44.51	0.165	31.27	30.42	0.716
South Dakota	35.10 <sup>a</sup>	31.42	0.046	22.82 <sup>a</sup>	13.59	0.000	57.69 <sup>a</sup>	47.66	0.000	32.53	30.67	0.438
Tennessee	33.84	34.61	0.690	17.17 <sup>a</sup>	13.28	0.017	46.30	48.90	0.325	33.86	34.90	0.665
Texas	29.68 <sup>a</sup>	26.34	0.001	13.45 <sup>a</sup>	9.91	0.000	42.47 <sup>a</sup>	38.35	0.003	29.73 <sup>a</sup>	26.43	0.011
Utah	19.67 <sup>b</sup>	16.82	0.080	8.43	7.28	0.433	25.46	25.10	0.886	20.09 <sup>b</sup>	16.40	0.090
Vermont	30.64 <sup>a</sup>	27.08	0.049	18.33 <sup>a</sup>	12.52	0.001	52.64 <sup>a</sup>	43.42	0.000	28.49	25.84	0.238
Virginia	29.73	27.47	0.207	15.40 <sup>a</sup>	10.90	0.003	47.83 <sup>a</sup>	42.64	0.036	28.70	26.82	0.402
Washington	26.76	26.91	0.925	13.22	11.24	0.176	45.81	44.31	0.557	25.37	25.94	0.786
West Virginia	37.22	40.22	0.158	21.34 <sup>a</sup>	17.35	0.036	54.26	51.73	0.313	36.30 <sup>b</sup>	40.89	0.079
Wisconsin	30.55	28.03	0.150	17.30 <sup>a</sup>	11.85	0.001	50.41 <sup>a</sup>	45.09	0.040	28.84	27.02	0.405
Wyoming	34.00	33.67	0.865	16.34	17.44	0.570	55.18 <sup>a</sup>	49.52	0.025	32.55	32.73	0.942

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 2009-2010 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 2009-2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2009-2010 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 and 2009-2010 (Latter Revised March 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 2009-2010 NSDUHs**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Total U.S.	25.71 <sup>a</sup>	23.16	0.000	12.57 <sup>a</sup>	8.69	0.000	40.50 <sup>a</sup>	35.09	0.000	24.95 <sup>a</sup>	22.91	0.000
Northeast	25.27 <sup>a</sup>	22.22	0.000	12.72 <sup>a</sup>	8.54	0.000	41.63 <sup>a</sup>	35.34	0.000	24.27 <sup>a</sup>	21.62	0.001
Midwest	28.10 <sup>a</sup>	25.11	0.000	14.63 <sup>a</sup>	9.87	0.000	44.57 <sup>a</sup>	38.84	0.000	27.04 <sup>a</sup>	24.65	0.001
South	26.76 <sup>a</sup>	24.26	0.000	13.21 <sup>a</sup>	8.70	0.000	40.76 <sup>a</sup>	35.25	0.000	26.19 <sup>a</sup>	24.34	0.008
West	22.03 <sup>a</sup>	20.31	0.008	9.47 <sup>a</sup>	7.72	0.000	35.22 <sup>a</sup>	31.24	0.000	21.45 <sup>b</sup>	19.98	0.081
Alabama	26.43	27.07	0.706	13.69 <sup>a</sup>	9.01	0.001	39.24	37.14	0.403	25.88	27.60	0.429
Alaska	25.71	26.21	0.781	13.25 <sup>a</sup>	8.20	0.001	43.97 <sup>b</sup>	38.94	0.055	24.96	26.26	0.571
Arizona	27.51 <sup>a</sup>	22.39	0.004	12.84 <sup>b</sup>	9.92	0.064	38.85 <sup>a</sup>	31.53	0.004	27.60 <sup>a</sup>	22.47	0.026
Arkansas	32.84 <sup>a</sup>	28.16	0.011	16.05 <sup>a</sup>	10.30	0.000	50.97 <sup>a</sup>	39.29	0.000	31.92	28.58	0.151
California	19.36	18.54	0.388	7.48	6.83	0.365	31.77 <sup>a</sup>	28.85	0.037	18.83	18.18	0.600
Colorado	26.76 <sup>a</sup>	21.15	0.000	13.74 <sup>a</sup>	8.77	0.001	44.56 <sup>a</sup>	34.01	0.000	25.43 <sup>a</sup>	20.41	0.011
Connecticut	23.78	21.31	0.144	13.45 <sup>a</sup>	8.76	0.002	41.56 <sup>a</sup>	35.47	0.017	22.56	20.54	0.341
Delaware	26.09	23.63	0.138	14.07 <sup>a</sup>	9.31	0.001	42.69 <sup>a</sup>	35.59	0.004	24.79	23.35	0.492
District of Columbia	26.12	23.41	0.134	7.10	6.53	0.619	33.26	29.33	0.112	26.40	23.61	0.219
Florida	23.99 <sup>b</sup>	22.34	0.095	12.26 <sup>a</sup>	7.95	0.000	36.75 <sup>a</sup>	31.73	0.000	23.59	22.48	0.371
Georgia	25.80 <sup>a</sup>	22.43	0.040	12.83 <sup>a</sup>	9.25	0.015	35.48	34.10	0.579	25.91 <sup>b</sup>	22.19	0.077
Hawaii	21.97	19.75	0.172	8.78	7.16	0.217	34.32	32.61	0.537	21.77	19.08	0.180
Idaho	23.95	23.67	0.860	12.48 <sup>a</sup>	8.85	0.009	39.02	36.38	0.308	22.68	23.45	0.705
Illinois	26.77 <sup>a</sup>	24.38	0.013	13.00 <sup>a</sup>	8.67	0.000	42.75 <sup>a</sup>	38.10	0.001	25.85	23.95	0.130
Indiana	28.33	25.85	0.141	14.39 <sup>a</sup>	9.41	0.001	44.94 <sup>b</sup>	40.22	0.074	27.26	25.50	0.413
Iowa	26.45	25.45	0.555	14.27 <sup>a</sup>	10.83	0.027	41.91 <sup>b</sup>	37.59	0.089	25.14	25.04	0.965
Kansas	25.95	23.94	0.194	13.95 <sup>a</sup>	10.64	0.030	39.62	35.89	0.131	25.06	23.40	0.406
Kentucky	34.77 <sup>a</sup>	29.93	0.014	17.62 <sup>a</sup>	11.01	0.000	53.06 <sup>a</sup>	40.50	0.000	33.74	30.50	0.189
Louisiana	28.27	25.90	0.156	15.01 <sup>a</sup>	8.69	0.000	42.36 <sup>a</sup>	36.76	0.024	27.45	26.13	0.543
Maine	26.82	24.73	0.239	12.16 <sup>b</sup>	9.47	0.055	43.89	40.62	0.208	26.10	24.09	0.364
Maryland	23.22 <sup>a</sup>	19.72	0.035	11.08 <sup>a</sup>	7.43	0.005	35.91 <sup>a</sup>	30.21	0.021	22.88 <sup>b</sup>	19.47	0.100
Massachusetts	22.42	20.64	0.253	11.69 <sup>a</sup>	7.88	0.003	38.40	36.23	0.411	21.16	19.33	0.346
Michigan	28.19 <sup>a</sup>	25.91	0.025	13.59 <sup>a</sup>	9.49	0.000	42.81 <sup>a</sup>	39.17	0.009	27.74	25.74	0.130
Minnesota	26.87 <sup>a</sup>	23.21	0.020	15.67 <sup>a</sup>	8.89	0.000	48.22 <sup>a</sup>	40.41	0.003	24.59	22.00	0.194
Mississippi	29.41	27.48	0.257	12.83 <sup>b</sup>	10.22	0.070	41.57	38.98	0.291	29.46	27.73	0.436
Missouri	31.51 <sup>a</sup>	27.42	0.020	17.88 <sup>a</sup>	11.61	0.000	47.59 <sup>a</sup>	39.61	0.002	30.56	27.34	0.149
Montana	27.71	24.95	0.103	16.10 <sup>a</sup>	12.16	0.016	44.96 <sup>a</sup>	37.05	0.001	26.26	24.32	0.369

(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 2009-2010 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Nebraska	25.93	24.07	0.257	16.36 <sup>a</sup>	9.13	0.000	43.92 <sup>a</sup>	37.42	0.009	23.84	23.42	0.843
Nevada	30.50 <sup>a</sup>	23.69	0.001	12.73 <sup>a</sup>	7.39	0.000	36.40	33.17	0.186	31.95 <sup>a</sup>	24.30	0.002
New Hampshire	26.17	24.23	0.246	14.03 <sup>a</sup>	10.66	0.027	44.80	41.42	0.182	24.94	23.09	0.376
New Jersey	23.42	21.19	0.173	11.83 <sup>a</sup>	7.66	0.002	40.67	37.35	0.196	22.46	20.36	0.300
New Mexico	24.05	22.57	0.377	12.34	10.17	0.159	38.45	36.14	0.362	23.19	21.69	0.489
New York	25.46 <sup>a</sup>	21.18	0.000	11.81 <sup>a</sup>	7.79	0.000	40.17 <sup>a</sup>	31.70	0.000	24.76 <sup>a</sup>	20.91	0.004
North Carolina	29.69 <sup>a</sup>	26.03	0.042	14.78 <sup>a</sup>	8.22	0.000	45.89 <sup>a</sup>	38.30	0.003	28.95	26.15	0.219
North Dakota	27.53 <sup>a</sup>	22.74	0.005	17.53 <sup>a</sup>	10.27	0.000	42.78 <sup>a</sup>	33.53	0.000	25.71 <sup>b</sup>	21.73	0.068
Ohio	30.48 <sup>a</sup>	25.79	0.000	14.52 <sup>a</sup>	11.22	0.000	46.03 <sup>a</sup>	39.74	0.000	30.00 <sup>a</sup>	25.32	0.001
Oklahoma	30.28	28.98	0.489	14.96 <sup>a</sup>	10.80	0.010	44.71	43.60	0.685	29.67	28.62	0.664
Oregon	24.96	23.94	0.526	11.29	9.53	0.204	41.49	37.77	0.140	23.94	23.36	0.772
Pennsylvania	27.68 <sup>a</sup>	25.05	0.016	14.73 <sup>a</sup>	10.28	0.000	44.78 <sup>a</sup>	38.18	0.000	26.59	24.60	0.147
Rhode Island	27.35 <sup>a</sup>	23.22	0.013	13.72 <sup>a</sup>	8.46	0.000	47.60 <sup>a</sup>	35.82	0.000	25.34	22.56	0.185
South Carolina	26.85	26.50	0.841	12.21 <sup>a</sup>	9.02	0.021	42.88 <sup>a</sup>	37.92	0.041	25.97	26.72	0.740
South Dakota	30.31 <sup>a</sup>	25.14	0.004	19.79 <sup>a</sup>	10.29	0.000	51.76 <sup>a</sup>	38.80	0.000	27.70	24.50	0.158
Tennessee	28.03	27.81	0.900	14.33 <sup>a</sup>	9.25	0.000	38.83	39.70	0.747	27.95	28.15	0.928
Texas	25.56 <sup>a</sup>	22.02	0.000	11.65 <sup>a</sup>	8.00	0.000	39.18 <sup>a</sup>	32.62	0.000	25.09 <sup>a</sup>	22.03	0.017
Utah	16.74	15.83	0.567	6.57	5.86	0.601	24.61	23.51	0.671	16.36	15.63	0.735
Vermont	25.43 <sup>b</sup>	22.37	0.058	14.84 <sup>a</sup>	9.34	0.000	47.57 <sup>a</sup>	37.89	0.000	23.03	21.10	0.336
Virginia	25.18	22.76	0.121	14.17 <sup>a</sup>	8.60	0.000	43.38 <sup>a</sup>	35.11	0.001	23.69	22.32	0.489
Washington	23.41	22.66	0.623	10.84 <sup>a</sup>	7.95	0.018	42.23 <sup>b</sup>	37.56	0.056	21.93	21.97	0.984
West Virginia	29.52	32.00	0.207	17.34 <sup>a</sup>	11.85	0.001	47.96	43.86	0.107	27.94 <sup>b</sup>	32.34	0.075
Wisconsin	25.75	23.51	0.158	15.32 <sup>a</sup>	9.43	0.000	45.48 <sup>a</sup>	37.95	0.003	23.67	22.70	0.630
Wyoming	26.81	25.72	0.524	12.78	13.47	0.690	44.46 <sup>b</sup>	39.62	0.057	25.50	24.66	0.698

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 2009-2010 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 2009-2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2009-2010 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 and 2009-2010 (Latter Revised March 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 2009-2010 NSDUHs**

State	12+	12+	12+	12-17	12-17	12-17	18-25	18-25	18-25	26+	26+	26+
	(2002-2003)	(2009-2010)	(PValue)	(2002-2003)	(2009-2010)	(PValue)	(2002-2003)	(2009-2010)	(PValue)	(2002-2003)	(2009-2010)	(PValue)
Total U.S.	71.27	71.21	0.853	63.67 <sup>a</sup>	65.41	0.000	65.46	65.15	0.476	73.33	72.99	0.428
Northeast	72.37 <sup>b</sup>	73.50	0.075	64.05 <sup>a</sup>	68.09	0.000	66.33	67.01	0.433	74.39	75.23	0.272
Midwest	69.07 <sup>a</sup>	67.42	0.002	63.13 <sup>b</sup>	64.34	0.077	62.39 <sup>b</sup>	61.07	0.073	71.10 <sup>a</sup>	68.91	0.001
South	70.12	70.96	0.118	62.02 <sup>a</sup>	64.12	0.001	64.11	64.72	0.381	72.28	72.89	0.355
West	74.38	73.36	0.132	66.41	66.44	0.974	69.92 <sup>b</sup>	68.12	0.056	76.35	75.22	0.177
Alabama	68.32	67.33	0.599	62.18	60.26	0.431	62.28	60.46	0.465	70.21	69.40	0.724
Alaska	70.30	67.21	0.107	66.56	66.75	0.934	65.46	62.65	0.269	71.83	68.17	0.132
Arizona	72.74	71.76	0.606	64.39	65.07	0.788	70.87 <sup>b</sup>	66.03	0.053	74.29	73.59	0.768
Arkansas	67.91	70.18	0.208	61.55	63.20	0.493	60.58	60.97	0.880	70.08	72.58	0.261
California	76.82	75.39	0.151	67.07	66.60	0.732	72.52	71.14	0.336	79.05	77.39	0.192
Colorado	70.29	72.37	0.257	63.77	66.71	0.217	61.30 <sup>a</sup>	66.40	0.046	72.75	74.07	0.558
Connecticut	72.67	73.11	0.810	64.74	68.65	0.101	67.32	66.24	0.655	74.49	74.77	0.900
Delaware	71.47	73.29	0.288	63.20	66.85	0.123	64.70	66.11	0.556	73.70	75.24	0.465
District of Columbia	74.89	75.29	0.818	61.87	65.22	0.177	74.31 <sup>b</sup>	69.73	0.071	76.17	77.42	0.558
Florida	72.89 <sup>b</sup>	74.85	0.060	63.06 <sup>a</sup>	66.55	0.010	69.14	68.97	0.903	74.62	76.63	0.112
Georgia	71.86	71.37	0.772	64.49	64.22	0.908	67.39	66.68	0.766	73.73	73.17	0.787
Hawaii	71.12	72.05	0.630	65.39	67.01	0.533	68.38	66.61	0.510	72.33	73.46	0.632
Idaho	72.24 <sup>a</sup>	65.77	0.000	65.57	64.43	0.631	68.57 <sup>a</sup>	60.34	0.001	74.08 <sup>a</sup>	66.95	0.002
Illinois	69.57	69.14	0.700	64.55	65.15	0.661	63.86	62.26	0.273	71.28	70.90	0.792
Indiana	69.12	66.16	0.107	64.18	64.61	0.855	63.69 <sup>b</sup>	59.06	0.065	70.82	67.59	0.153
Iowa	65.85	65.32	0.782	61.99	61.65	0.890	60.18	58.43	0.489	67.44	67.01	0.860
Kansas	70.61 <sup>a</sup>	64.89	0.002	60.16	58.79	0.587	63.55	61.61	0.421	73.52 <sup>a</sup>	66.31	0.002
Kentucky	62.46	62.29	0.931	58.90 <sup>b</sup>	63.41	0.063	53.67	55.85	0.392	64.43	63.18	0.602
Louisiana	67.74 <sup>a</sup>	71.96	0.016	59.33 <sup>a</sup>	65.08	0.019	63.25	65.06	0.448	69.92 <sup>b</sup>	74.20	0.053
Maine	69.25	68.71	0.766	64.49	67.35	0.197	61.95	60.95	0.681	70.94	69.95	0.660
Maryland	71.76 <sup>b</sup>	74.90	0.071	65.27	65.98	0.764	63.95 <sup>a</sup>	69.66	0.020	73.89	76.89	0.157
Massachusetts	75.55	75.91	0.826	67.22	70.34	0.173	70.84	68.40	0.319	77.31	77.89	0.778
Michigan	70.89 <sup>a</sup>	68.24	0.015	64.02	64.08	0.965	64.00	62.54	0.277	73.07 <sup>a</sup>	69.75	0.015
Minnesota	69.68	68.10	0.371	63.18 <sup>b</sup>	67.41	0.067	60.26	60.77	0.840	72.32	69.44	0.194
Mississippi	68.63	69.22	0.744	59.22	60.99	0.466	62.94	63.50	0.822	71.20	71.42	0.922
Missouri	68.02	66.34	0.365	61.78	61.97	0.940	61.37	58.80	0.301	70.06	68.16	0.410
Montana	71.38 <sup>b</sup>	67.99	0.063	64.76	64.27	0.828	66.77 <sup>a</sup>	60.50	0.009	73.14	69.73	0.137

(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 2009-2010 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Nebraska	69.62	67.08	0.155	63.18	62.38	0.734	63.58	60.22	0.173	71.72	69.02	0.235
Nevada	69.57	70.59	0.595	64.24	65.85	0.523	62.56 <sup>a</sup>	67.69	0.047	71.38	71.64	0.913
New Hampshire	68.63	69.68	0.596	59.52 <sup>a</sup>	64.70	0.038	61.12	64.34	0.205	71.05	71.11	0.982
New Jersey	75.17	73.89	0.442	64.03	67.23	0.165	66.84	68.95	0.394	77.79	75.46	0.253
New Mexico	73.04	72.63	0.819	61.12	63.49	0.351	67.82	64.48	0.186	75.88	75.30	0.798
New York	72.81 <sup>a</sup>	76.41	0.001	64.32 <sup>a</sup>	71.09	0.000	67.84	69.63	0.207	74.71 <sup>a</sup>	78.24	0.008
North Carolina	68.08	68.97	0.648	60.76 <sup>a</sup>	66.79	0.012	59.40	63.56	0.114	70.51	70.14	0.878
North Dakota	66.97	68.20	0.516	61.29 <sup>b</sup>	65.63	0.073	62.84	63.90	0.670	68.62	69.51	0.712
Ohio	67.60	66.37	0.256	61.92	64.16	0.108	59.92	60.54	0.650	69.71	67.60	0.123
Oklahoma	66.52	66.20	0.865	60.58	58.74	0.456	58.78	59.93	0.667	68.86	68.32	0.821
Oregon	72.21	70.35	0.313	68.14	65.20	0.196	69.69 <sup>a</sup>	60.47	0.000	73.18	72.51	0.771
Pennsylvania	68.77	68.78	0.992	62.31	63.44	0.417	61.54	61.85	0.839	70.77	70.55	0.874
Rhode Island	73.34	71.55	0.341	65.01	65.34	0.895	72.97 <sup>a</sup>	67.26	0.018	74.43	73.08	0.562
South Carolina	69.38	70.33	0.611	62.27	62.06	0.930	61.91	63.05	0.651	71.66	72.53	0.703
South Dakota	65.09	66.42	0.509	60.68	64.35	0.139	56.27 <sup>a</sup>	62.17	0.023	67.49	67.45	0.987
Tennessee	66.84	66.02	0.682	62.38	61.01	0.567	60.70	57.95	0.316	68.44	67.89	0.821
Texas	71.88	72.12	0.815	61.14 <sup>b</sup>	63.54	0.091	66.08	65.76	0.819	74.73	74.57	0.898
Utah	75.00	73.78	0.447	71.49	72.63	0.620	72.28	68.59	0.134	76.47	75.27	0.570
Vermont	70.15	70.96	0.655	63.59	65.59	0.396	62.72	64.50	0.481	72.30	72.66	0.874
Virginia	70.95	71.93	0.590	64.05	66.41	0.317	66.03	65.70	0.891	72.67	73.68	0.651
Washington	70.63	71.23	0.727	66.48	66.20	0.906	64.26	63.17	0.650	72.29	73.14	0.686
West Virginia	67.26	64.61	0.166	59.35	61.44	0.395	58.54	56.98	0.543	69.58	66.09	0.138
Wisconsin	69.71	68.62	0.546	63.58 <sup>b</sup>	67.47	0.087	63.81	62.45	0.585	71.63	69.84	0.425
Wyoming	68.09	68.92	0.646	64.05	66.90	0.205	61.46	60.67	0.750	69.95	70.68	0.746

NOTE: State and 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 2009-2010 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 2009-2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2009-2010 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 and 2009-2010 (Latter Revised March 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 2009-2010 NSDUHs**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Total U.S.	7.59 <sup>a</sup>	7.27	0.050	5.88 <sup>a</sup>	4.59	0.000	17.43 <sup>a</sup>	15.91	0.000	6.12	6.10	0.934
Northeast	7.24	7.25	0.982	5.73 <sup>a</sup>	4.61	0.001	17.46	16.96	0.481	5.81	5.92	0.755
Midwest	8.48 <sup>a</sup>	7.46	0.000	6.49 <sup>a</sup>	4.58	0.000	19.88 <sup>a</sup>	16.81	0.000	6.72 <sup>b</sup>	6.19	0.098
South	7.11	6.82	0.184	5.45 <sup>a</sup>	4.18	0.000	16.39 <sup>a</sup>	14.60	0.002	5.73	5.82	0.733
West	7.76	7.80	0.894	6.04 <sup>a</sup>	5.20	0.031	16.58	16.28	0.683	6.40	6.61	0.601
Alabama	6.08	6.82	0.312	4.83	4.30	0.489	13.65	13.69	0.978	4.91	5.96	0.238
Alaska	8.63	7.80	0.348	6.15	4.91	0.162	18.79 <sup>b</sup>	15.52	0.094	7.37	6.69	0.533
Arizona	9.29 <sup>b</sup>	7.74	0.082	7.38 <sup>a</sup>	4.88	0.015	19.36	17.00	0.236	7.75	6.55	0.262
Arkansas	7.57	6.58	0.195	6.15 <sup>b</sup>	4.54	0.063	17.59 <sup>b</sup>	14.23	0.063	5.98	5.57	0.654
California	7.22	8.02	0.116	5.51	5.39	0.840	14.83	15.93	0.336	6.07	6.88	0.193
Colorado	9.20	8.71	0.573	6.71	5.68	0.312	20.66	20.07	0.772	7.54	7.11	0.684
Connecticut	6.90	7.85	0.243	5.39	4.82	0.521	18.87	18.62	0.902	5.36	6.46	0.243
Delaware	7.65	7.27	0.630	5.76	4.76	0.243	18.17	16.65	0.422	6.08	6.02	0.945
District of Columbia	9.20	9.48	0.780	3.00	3.32	0.615	16.26	17.21	0.613	8.37	8.34	0.979
Florida	6.86	6.78	0.864	5.40 <sup>b</sup>	4.44	0.065	16.89 <sup>a</sup>	13.80	0.004	5.60	5.98	0.500
Georgia	7.37	6.31	0.163	4.78	3.65	0.125	14.90	14.13	0.639	6.37	5.31	0.248
Hawaii	7.52	7.71	0.825	6.42	5.49	0.404	18.14	17.14	0.652	5.97	6.46	0.635
Idaho	8.45	7.53	0.243	7.79 <sup>a</sup>	5.23	0.011	18.37	16.51	0.339	6.51	6.21	0.756
Illinois	8.74 <sup>a</sup>	7.21	0.003	6.08 <sup>a</sup>	4.11	0.000	19.49 <sup>a</sup>	16.91	0.023	7.21 <sup>a</sup>	5.86	0.038
Indiana	7.90	7.22	0.376	6.21 <sup>a</sup>	4.41	0.033	19.19 <sup>b</sup>	15.99	0.089	6.06	6.06	0.996
Iowa	8.25	8.25	0.999	7.56 <sup>a</sup>	5.44	0.030	19.67	19.82	0.941	6.18	6.51	0.729
Kansas	7.14	7.94	0.278	5.12	5.35	0.794	18.49	17.92	0.756	5.24	6.37	0.194
Kentucky	6.16	6.14	0.973	5.26	4.08	0.144	14.67	14.03	0.723	4.80	5.13	0.668
Louisiana	7.95 <sup>b</sup>	6.60	0.073	5.97 <sup>a</sup>	3.40	0.002	17.56 <sup>b</sup>	14.20	0.066	6.33	5.58	0.411
Maine	7.31	6.45	0.242	5.59 <sup>b</sup>	4.09	0.081	18.26	16.64	0.374	5.88	5.25	0.455
Maryland	7.55	6.41	0.155	5.37 <sup>a</sup>	3.30	0.008	15.98	13.82	0.243	6.52	5.54	0.307
Massachusetts	8.60	8.30	0.728	7.35 <sup>a</sup>	5.16	0.028	18.47	19.91	0.487	7.18	6.60	0.570
Michigan	8.46	7.69	0.154	6.42 <sup>a</sup>	4.49	0.001	18.29 <sup>a</sup>	15.76	0.027	7.05	6.72	0.617
Minnesota	9.01	7.81	0.138	7.24 <sup>a</sup>	4.86	0.009	20.99 <sup>b</sup>	17.57	0.077	7.08	6.49	0.538
Mississippi	6.46	6.49	0.960	3.78	3.75	0.976	13.96	13.54	0.799	5.35	5.56	0.815
Missouri	7.89 <sup>b</sup>	6.63	0.091	6.34 <sup>a</sup>	4.62	0.045	19.76 <sup>a</sup>	14.82	0.008	6.01	5.50	0.561
Montana	10.70	9.25	0.170	11.21 <sup>a</sup>	6.65	0.001	23.39	22.93	0.842	8.36	7.17	0.344

(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 2009-2010 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Nebraska	10.18 <sup>a</sup>	7.63	0.004	8.94 <sup>a</sup>	4.60	0.000	25.16 <sup>a</sup>	18.00	0.001	7.47	6.02	0.160
Nevada	8.01	8.44	0.616	6.93	5.38	0.142	16.19	18.13	0.319	6.88	7.34	0.653
New Hampshire	9.09 <sup>b</sup>	7.49	0.062	7.54 <sup>a</sup>	5.24	0.020	23.21 <sup>a</sup>	18.73	0.029	7.10	5.97	0.266
New Jersey	6.30	6.40	0.882	5.16	3.92	0.120	16.62	14.52	0.206	4.97	5.45	0.569
New Mexico	10.01 <sup>a</sup>	7.66	0.013	7.73 <sup>a</sup>	5.45	0.042	22.68 <sup>a</sup>	16.23	0.002	8.01	6.37	0.159
New York	7.15	7.35	0.706	5.59	4.97	0.288	15.84	16.60	0.489	5.90	5.99	0.886
North Carolina	6.75	6.27	0.491	5.66 <sup>a</sup>	3.62	0.012	16.54	13.80	0.115	5.25	5.34	0.905
North Dakota	10.83 <sup>a</sup>	8.37	0.006	10.33 <sup>a</sup>	4.55	0.000	27.11 <sup>a</sup>	19.76	0.001	7.49	6.18	0.218
Ohio	7.90	7.37	0.303	5.80 <sup>a</sup>	4.64	0.028	18.54	16.92	0.142	6.36	6.15	0.732
Oklahoma	6.92	7.69	0.302	5.68	4.76	0.269	17.03	16.32	0.715	5.15	6.48	0.136
Oregon	7.37	7.98	0.436	5.84	5.13	0.442	17.83	16.52	0.471	5.79	6.93	0.223
Pennsylvania	6.93	6.84	0.858	5.34 <sup>a</sup>	4.16	0.029	18.08	16.58	0.194	5.33	5.55	0.714
Rhode Island	10.10	8.75	0.191	6.62 <sup>a</sup>	4.59	0.037	25.59 <sup>a</sup>	18.09	0.001	7.70	7.48	0.853
South Carolina	7.88	8.05	0.850	4.83	3.88	0.207	19.48 <sup>a</sup>	14.50	0.009	6.23	7.49	0.261
South Dakota	10.79 <sup>b</sup>	9.14	0.098	9.77 <sup>a</sup>	6.44	0.009	26.15 <sup>a</sup>	20.26	0.010	7.93	7.44	0.674
Tennessee	5.97	6.39	0.534	4.77	3.70	0.159	14.83	14.00	0.646	4.63	5.51	0.263
Texas	7.62	6.91	0.115	5.84 <sup>a</sup>	4.58	0.027	16.78 <sup>b</sup>	14.74	0.059	6.10	5.76	0.537
Utah	6.87	5.71	0.106	4.72	4.00	0.401	12.98	11.53	0.382	5.50	4.58	0.302
Vermont	7.77	7.97	0.808	6.45 <sup>b</sup>	4.85	0.083	19.28	19.85	0.781	5.96	6.25	0.760
Virginia	7.33	8.12	0.336	6.18	5.02	0.192	17.60	18.83	0.518	5.81	6.63	0.406
Washington	7.47	6.40	0.134	5.83 <sup>b</sup>	4.29	0.075	18.24 <sup>b</sup>	15.16	0.083	5.85	5.22	0.455
West Virginia	6.52	6.06	0.513	6.32 <sup>a</sup>	4.25	0.018	16.12	14.16	0.257	4.99	5.02	0.964
Wisconsin	9.53 <sup>a</sup>	7.53	0.021	7.19 <sup>a</sup>	4.53	0.006	23.30 <sup>a</sup>	16.81	0.002	7.39	6.27	0.272
Wyoming	9.23	7.86	0.106	7.54	5.86	0.112	23.24 <sup>a</sup>	17.94	0.010	6.81	6.26	0.587

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2009-2010 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 2009-2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2009-2010 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 and 2009-2010 (Latter Revised March 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 2009-2010 NSDUHs**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Total U.S.	3.34	3.42	0.477	2.09 <sup>a</sup>	1.81	0.026	6.87	6.58	0.211	2.90	3.07	0.216
Northeast	3.35	3.37	0.889	2.13	1.84	0.122	6.80	6.99	0.650	2.95	2.95	0.987
Midwest	3.51	3.38	0.409	2.19 <sup>a</sup>	1.76	0.005	7.70 <sup>a</sup>	7.01	0.029	2.94	2.95	0.980
South	3.14	3.23	0.563	1.94 <sup>b</sup>	1.65	0.062	6.42	5.98	0.151	2.73	2.96	0.274
West	3.48	3.79	0.167	2.19	2.07	0.629	6.77	6.80	0.951	3.06	3.47	0.158
Alabama	2.76	3.21	0.278	1.67	1.57	0.780	5.54	5.82	0.758	2.41	2.97	0.293
Alaska	3.75	3.73	0.972	2.33	1.68	0.151	7.09	6.33	0.496	3.45	3.51	0.933
Arizona	3.91	3.83	0.882	3.20 <sup>a</sup>	1.95	0.045	7.94	7.42	0.679	3.29	3.46	0.809
Arkansas	3.29	3.17	0.787	2.34	1.91	0.359	6.90	6.27	0.558	2.77	2.81	0.943
California	3.40 <sup>b</sup>	3.99	0.098	1.87	2.15	0.416	6.11	6.58	0.480	3.13	3.75	0.173
Colorado	3.73	3.71	0.955	2.51	2.02	0.303	7.74	6.90	0.461	3.20	3.36	0.814
Connecticut	2.96	3.24	0.568	1.88	1.93	0.924	6.60	6.74	0.903	2.57	2.84	0.666
Delaware	3.43	3.20	0.627	1.93	1.92	0.971	7.50	6.69	0.455	2.93	2.78	0.806
District of Columbia	4.81	4.64	0.795	1.44	1.34	0.790	6.76	7.19	0.702	4.73	4.37	0.674
Florida	2.91	3.42	0.122	1.79	1.76	0.921	6.45	5.62	0.200	2.54 <sup>b</sup>	3.26	0.078
Georgia	3.19	2.89	0.531	1.65	1.40	0.509	5.26	5.32	0.952	3.04	2.67	0.568
Hawaii	3.52	3.50	0.966	2.87	2.07	0.220	7.21	7.44	0.861	3.02	3.03	0.993
Idaho	3.66	3.48	0.709	2.83 <sup>b</sup>	1.93	0.074	7.23	7.21	0.984	3.06	3.02	0.950
Illinois	3.73	3.34	0.249	2.25 <sup>a</sup>	1.57	0.027	7.59	7.57	0.970	3.25	2.80	0.303
Indiana	3.17	3.22	0.903	2.19	1.90	0.512	7.47	7.32	0.891	2.52	2.69	0.753
Iowa	3.15	3.42	0.535	2.71	2.13	0.252	6.94	7.67	0.505	2.49	2.81	0.564
Kansas	2.88	3.24	0.365	1.81	1.91	0.821	6.81	7.45	0.556	2.28	2.62	0.511
Kentucky	2.81	2.88	0.861	1.92	1.61	0.449	5.98	5.76	0.825	2.37	2.58	0.701
Louisiana	3.87	3.13	0.139	2.67 <sup>a</sup>	1.47	0.007	7.50	5.88	0.117	3.32	2.83	0.448
Maine	3.33	2.99	0.478	2.36 <sup>b</sup>	1.58	0.076	8.12	6.43	0.119	2.73	2.65	0.890
Maryland	3.63	3.34	0.583	1.94	1.52	0.282	6.20	5.77	0.658	3.46	3.16	0.656
Massachusetts	3.95	3.64	0.563	2.89 <sup>b</sup>	1.95	0.064	7.45	7.82	0.755	3.52	3.09	0.531
Michigan	3.80	3.66	0.677	2.26 <sup>b</sup>	1.73	0.084	7.73 <sup>a</sup>	6.05	0.008	3.34	3.49	0.735
Minnesota	3.56	3.82	0.616	2.57	1.96	0.195	7.62	7.46	0.893	2.97	3.42	0.484
Mississippi	3.11	3.15	0.928	1.37	1.41	0.924	5.05	5.93	0.357	2.98	2.88	0.872
Missouri	3.17	3.14	0.947	1.87	1.74	0.727	7.60	6.05	0.149	2.57	2.82	0.653
Montana	4.43	3.71	0.237	4.75 <sup>a</sup>	2.54	0.009	9.64	9.76	0.936	3.46	2.79	0.368

(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 2009-2010 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Nebraska	3.85	3.16	0.146	2.85 <sup>a</sup>	1.70	0.019	7.99	6.54	0.194	3.20	2.70	0.403
Nevada	3.44	3.71	0.596	2.23	2.01	0.643	6.84	7.77	0.424	3.07	3.30	0.716
New Hampshire	3.48	3.31	0.722	2.32	2.11	0.662	7.69	7.39	0.787	2.98	2.80	0.762
New Jersey	2.97	3.05	0.874	1.81	1.63	0.643	6.57	5.91	0.497	2.61	2.78	0.776
New Mexico	4.05	3.93	0.836	2.72	2.22	0.410	9.90 <sup>b</sup>	7.62	0.092	3.17	3.48	0.665
New York	3.60	3.62	0.960	2.17	2.05	0.719	6.48	7.48	0.146	3.30	3.12	0.692
North Carolina	3.05	3.15	0.825	1.93	1.53	0.312	6.13	5.77	0.709	2.69	2.91	0.690
North Dakota	3.75	3.64	0.827	3.25 <sup>a</sup>	1.85	0.008	8.42	7.91	0.663	2.84	2.86	0.964
Ohio	3.39	3.18	0.533	1.72	1.65	0.795	7.87	6.97	0.159	2.85	2.76	0.821
Oklahoma	2.86	3.11	0.541	2.02	1.67	0.369	6.61	6.69	0.936	2.26	2.63	0.466
Oregon	3.31	4.09	0.133	2.13	2.09	0.928	7.26	6.68	0.554	2.80 <sup>b</sup>	3.90	0.090
Pennsylvania	2.90	3.10	0.533	1.89	1.56	0.261	6.56	6.46	0.886	2.44	2.73	0.476
Rhode Island	4.39	3.94	0.453	2.41	1.87	0.281	10.70 <sup>a</sup>	7.32	0.014	3.49	3.54	0.949
South Carolina	3.64	3.97	0.577	1.76	1.41	0.374	7.93 <sup>a</sup>	5.42	0.016	3.13	4.03	0.233
South Dakota	4.50	3.69	0.170	3.86 <sup>a</sup>	2.35	0.022	8.72	7.96	0.541	3.77	3.08	0.363
Tennessee	2.71	3.21	0.297	1.71	1.54	0.655	5.87	5.71	0.870	2.31	3.01	0.235
Texas	3.11	3.14	0.912	1.93	1.82	0.735	6.69	6.03	0.299	2.60	2.79	0.622
Utah	3.14	2.94	0.631	1.77	1.88	0.807	5.61	5.44	0.850	2.67	2.50	0.765
Vermont	3.25	3.74	0.337	2.90 <sup>a</sup>	1.85	0.040	7.10	7.19	0.933	2.64	3.35	0.267
Virginia	3.48	3.34	0.758	2.60 <sup>b</sup>	1.81	0.085	7.38	7.87	0.659	2.96	2.74	0.691
Washington	3.16	3.06	0.826	2.19	1.83	0.438	7.44	6.85	0.571	2.56	2.59	0.957
West Virginia	2.74	3.17	0.349	2.30	1.74	0.225	6.01	6.12	0.913	2.26	2.88	0.274
Wisconsin	3.64	3.42	0.644	2.27	1.78	0.265	8.56	6.94	0.161	2.95	3.01	0.930
Wyoming	3.57	3.58	0.984	2.40	2.14	0.602	8.17	7.96	0.867	2.87	2.95	0.893

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 2009-2010 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 2009-2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2009-2010 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 and 2009-2010 (Latter Revised March 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 2009-2010 NSDUHs***

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Total U.S.	2.95	2.82	0.169	5.35 <sup>a</sup>	4.52	0.000	8.02	7.80	0.348	1.74	1.74	0.955
Northeast	2.97	2.94	0.800	5.45 <sup>a</sup>	4.54	0.005	8.99	8.78	0.633	1.70	1.76	0.685
Midwest	2.84	2.68	0.155	5.47 <sup>a</sup>	4.41	0.000	7.69	7.53	0.616	1.60	1.61	0.937
South	2.92 <sup>b</sup>	2.70	0.055	5.22 <sup>a</sup>	4.21	0.000	7.53	7.15	0.231	1.80	1.74	0.662
West	3.09	3.06	0.862	5.36	5.07	0.444	8.36	8.28	0.857	1.79	1.85	0.781
Alabama	2.68	2.68	0.990	4.67	3.94	0.346	6.53	6.81	0.779	1.73	1.81	0.837
Alaska	3.13	2.79	0.291	6.31 <sup>b</sup>	4.48	0.057	8.57	7.19	0.232	1.62	1.68	0.861
Arizona	3.35	3.06	0.439	6.83 <sup>b</sup>	4.87	0.075	8.15	8.15	0.996	1.98	1.96	0.953
Arkansas	2.96	2.63	0.294	5.13	4.25	0.292	7.94	6.52	0.189	1.77	1.78	0.977
California	3.01	3.15	0.566	4.93	5.11	0.759	7.82	8.20	0.595	1.84	1.92	0.784
Colorado	3.23	3.19	0.912	5.02	6.25	0.239	10.20	9.38	0.540	1.78	1.76	0.971
Connecticut	2.88	2.91	0.930	5.41	4.42	0.261	9.20	9.05	0.905	1.62	1.72	0.798
Delaware	3.03	2.77	0.431	5.26	4.89	0.690	8.03	8.33	0.800	1.89	1.60	0.451
District of Columbia	3.96	3.85	0.847	4.30	3.76	0.532	8.72	7.10	0.198	2.99	3.15	0.816
Florida	3.12	2.71	0.114	5.77 <sup>a</sup>	4.33	0.014	8.41	7.39	0.167	2.04	1.83	0.490
Georgia	2.88 <sup>a</sup>	2.22	0.044	4.93	3.86	0.200	6.35	5.80	0.564	1.95	1.37	0.149
Hawaii	2.75	2.57	0.660	5.77 <sup>b</sup>	4.07	0.084	8.13	7.40	0.567	1.48	1.65	0.704
Idaho	2.93	3.14	0.514	6.02	4.56	0.119	7.66	8.30	0.591	1.46	2.00	0.118
Illinois	2.81	2.67	0.552	5.36 <sup>b</sup>	4.32	0.065	7.69	7.99	0.682	1.59	1.50	0.728
Indiana	2.84	2.98	0.674	4.68	4.21	0.581	7.88	8.04	0.890	1.64	1.94	0.431
Iowa	2.52	2.09	0.177	4.81	4.85	0.962	6.61	5.48	0.277	1.44	1.14	0.405
Kansas	2.52	2.52	0.998	4.35	3.93	0.603	6.66	7.41	0.475	1.44	1.40	0.892
Kentucky	2.80	2.68	0.705	5.24	4.71	0.557	7.41	7.83	0.708	1.69	1.62	0.846
Louisiana	3.34 <sup>b</sup>	2.70	0.059	5.07 <sup>b</sup>	3.73	0.081	7.63	7.29	0.752	2.21	1.68	0.195
Maine	2.94	2.60	0.290	5.66 <sup>b</sup>	3.99	0.056	9.78	9.75	0.981	1.57	1.43	0.679
Maryland	3.02	2.95	0.834	5.22	3.93	0.134	9.15	8.45	0.586	1.75	1.90	0.709
Massachusetts	3.63	3.31	0.426	6.44	5.27	0.244	11.41	9.24	0.127	2.05	2.04	0.972
Michigan	2.99	2.75	0.295	6.16 <sup>a</sup>	4.40	0.002	7.52	7.62	0.876	1.75	1.70	0.851
Minnesota	2.75	2.49	0.382	5.73 <sup>b</sup>	4.15	0.076	7.45	7.37	0.941	1.48	1.45	0.935
Mississippi	2.85	2.98	0.690	4.23	3.97	0.739	6.79	7.45	0.522	1.84	2.01	0.684
Missouri	3.01	2.67	0.299	5.13	4.18	0.251	8.54	7.87	0.560	1.74	1.61	0.724
Montana	3.19	2.70	0.138	7.18 <sup>a</sup>	4.97	0.033	8.48	7.99	0.663	1.69	1.52	0.659

(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 2009-2010 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Nebraska	2.84 <sup>b</sup>	2.24	0.058	5.92 <sup>a</sup>	3.90	0.020	7.04	5.64	0.147	1.59	1.37	0.532
Nevada	2.98	2.90	0.832	5.98 <sup>b</sup>	4.37	0.100	8.03	7.04	0.377	1.78	2.08	0.490
New Hampshire	3.37	3.41	0.927	6.95	6.49	0.686	11.18	10.58	0.681	1.67	1.92	0.552
New Jersey	2.69	2.59	0.756	5.06	3.93	0.177	7.82	7.75	0.949	1.65	1.63	0.956
New Mexico	3.81	3.17	0.142	6.05	6.80	0.531	11.15 <sup>a</sup>	8.31	0.041	2.09	1.76	0.495
New York	3.03	2.99	0.865	5.28	4.49	0.160	8.87	8.97	0.892	1.78	1.75	0.927
North Carolina	2.94	2.76	0.618	5.67 <sup>b</sup>	4.10	0.069	7.39	7.75	0.739	1.83	1.77	0.883
North Dakota	2.79 <sup>a</sup>	2.03	0.016	5.89 <sup>a</sup>	3.88	0.028	7.33 <sup>a</sup>	5.24	0.044	1.41	1.06	0.298
Ohio	2.93	2.85	0.711	5.61 <sup>a</sup>	4.57	0.050	8.36	8.03	0.632	1.63	1.79	0.543
Oklahoma	2.85	3.09	0.473	5.13	4.83	0.742	7.89	8.06	0.883	1.56	1.95	0.285
Oregon	3.05	3.18	0.704	5.27	5.53	0.774	9.44	9.14	0.815	1.67	1.95	0.472
Pennsylvania	2.60	2.83	0.309	5.11	4.50	0.276	7.76	8.24	0.502	1.44	1.75	0.240
Rhode Island	3.90	3.42	0.267	6.15	5.14	0.348	12.71	10.35	0.131	2.02	1.91	0.812
South Carolina	2.85	2.84	0.981	4.67	4.02	0.444	7.87	7.03	0.436	1.72	2.01	0.466
South Dakota	2.67	2.38	0.317	5.83	4.93	0.373	7.10	5.91	0.214	1.32	1.42	0.775
Tennessee	2.80	2.60	0.516	4.85	4.05	0.318	7.08	6.52	0.598	1.82	1.81	0.970
Texas	2.73	2.62	0.615	5.14	4.35	0.157	6.89	6.57	0.618	1.53	1.62	0.740
Utah	2.85	2.97	0.722	4.75	4.73	0.984	5.98	7.24	0.224	1.57	1.62	0.909
Vermont	3.63	3.17	0.212	7.86 <sup>a</sup>	4.52	0.002	12.03	10.97	0.479	1.62	1.68	0.870
Virginia	3.03	2.86	0.608	5.67	4.65	0.276	8.55	8.06	0.670	1.79	1.74	0.906
Washington	3.29 <sup>b</sup>	2.72	0.083	6.05 <sup>a</sup>	4.25	0.045	10.50	9.03	0.252	1.67	1.51	0.651
West Virginia	2.96	2.70	0.463	5.58 <sup>a</sup>	3.47	0.013	9.27	8.79	0.697	1.64	1.70	0.866
Wisconsin	2.71	2.70	0.957	5.86	5.16	0.486	7.28	6.96	0.763	1.45	1.65	0.581
Wyoming	2.64	2.31	0.271	4.53	4.99	0.611	8.18 <sup>b</sup>	6.02	0.056	1.32	1.30	0.962

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 2009-2010 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 2009-2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2009-2010 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 and 2009-2010 (Latter Revised March 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 2009-2010 NSDUHs***

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Total U.S.	1.91	1.93	0.781	2.97 <sup>a</sup>	2.44	0.000	5.36	5.43	0.751	1.16	1.25	0.273
Northeast	1.97	2.13	0.192	3.07 <sup>a</sup>	2.51	0.023	6.12	6.41	0.442	1.17	1.36	0.171
Midwest	1.86	1.85	0.928	3.07 <sup>a</sup>	2.37	0.000	5.14	5.14	0.996	1.10	1.21	0.365
South	1.89	1.82	0.444	2.93 <sup>a</sup>	2.27	0.000	5.02	4.93	0.765	1.20	1.22	0.872
West	1.93	2.02	0.493	2.84	2.70	0.598	5.54	5.70	0.678	1.13	1.26	0.418
Alabama	1.77	1.78	0.969	2.56	2.11	0.406	4.65	4.85	0.805	1.15	1.20	0.847
Alaska	2.08	1.93	0.566	3.33	2.61	0.259	6.00	4.85	0.221	1.18	1.26	0.802
Arizona	1.98	1.94	0.880	3.77	2.63	0.137	5.88	5.63	0.806	1.02	1.23	0.480
Arkansas	1.95	1.86	0.735	2.97	2.36	0.331	5.29	4.45	0.344	1.22	1.37	0.619
California	1.88	2.05	0.369	2.62	2.62	0.996	5.22	5.76	0.379	1.15	1.27	0.596
Colorado	2.01	1.84	0.498	2.78	3.49	0.336	6.46	5.04	0.147	1.13	1.09	0.883
Connecticut	1.86	2.02	0.558	2.89	2.40	0.432	6.08	6.01	0.946	1.11	1.32	0.491
Delaware	1.98	2.09	0.671	2.87	2.90	0.974	5.65	6.72	0.299	1.23	1.24	0.987
District of Columbia	2.95	2.55	0.399	2.06	2.09	0.954	6.26	4.70	0.120	2.37	2.12	0.656
Florida	2.02 <sup>b</sup>	1.66	0.067	3.20 <sup>a</sup>	2.21	0.015	5.83	4.92	0.138	1.34	1.11	0.311
Georgia	1.86	1.45	0.150	2.73	2.11	0.296	3.89	3.48	0.579	1.37	1.00	0.300
Hawaii	1.70	1.55	0.587	2.87	2.04	0.198	5.39	4.56	0.404	0.96	1.02	0.826
Idaho	1.79	2.18	0.146	3.18	2.80	0.577	4.67	5.80	0.221	0.97	1.44	0.127
Illinois	1.89	1.87	0.918	3.26 <sup>a</sup>	2.20	0.017	5.00	5.67	0.254	1.15	1.14	0.969
Indiana	1.85	2.08	0.394	2.80	2.45	0.559	5.21	5.66	0.632	1.10	1.41	0.292
Iowa	1.61	1.41	0.387	2.53	2.84	0.649	4.51	3.42	0.157	0.94	0.87	0.801
Kansas	1.67	1.63	0.855	2.66	2.12	0.348	4.66	4.46	0.810	0.95	1.03	0.765
Kentucky	1.91	1.99	0.749	3.31	2.36	0.122	4.94	6.13	0.188	1.21	1.29	0.783
Louisiana	2.17	1.99	0.548	2.67	2.28	0.495	5.07	5.25	0.843	1.51	1.33	0.615
Maine	1.74	2.05	0.211	2.90	2.36	0.371	6.39	7.69	0.242	0.90	1.21	0.222
Maryland	2.00	2.12	0.682	2.95	2.18	0.203	5.85	6.04	0.853	1.26	1.45	0.567
Massachusetts	2.43	2.38	0.881	3.46	2.98	0.517	8.33	6.87	0.238	1.36	1.52	0.649
Michigan	1.93	1.88	0.807	3.34 <sup>a</sup>	2.33	0.009	5.16	5.46	0.604	1.16	1.21	0.838
Minnesota	1.76	1.51	0.237	3.42 <sup>a</sup>	2.17	0.044	5.02	4.09	0.281	0.94	0.98	0.863
Mississippi	1.84	2.03	0.460	2.49	2.10	0.468	4.25	5.10	0.309	1.25	1.44	0.551
Missouri	1.88	1.88	0.974	2.94	2.36	0.339	5.55	5.57	0.980	1.08	1.20	0.659
Montana	1.90	1.92	0.916	3.62	2.52	0.113	5.37	5.51	0.887	1.03	1.23	0.496

(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 2009-2010 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Nebraska	1.93	1.60	0.223	3.47	2.39	0.105	4.68	3.79	0.261	1.17	1.08	0.771
Nevada	1.91	1.87	0.867	3.41	2.60	0.232	5.52	4.86	0.474	1.15	1.31	0.612
New Hampshire	2.07	2.35	0.377	3.19	3.38	0.806	7.36	7.28	0.948	1.10	1.45	0.291
New Jersey	1.72	1.79	0.763	2.80	2.04	0.178	5.52	5.52	0.999	1.04	1.18	0.584
New Mexico	2.11	1.98	0.652	3.12	3.53	0.613	6.94	5.80	0.337	1.05	1.08	0.919
New York	2.10	2.22	0.582	3.18 <sup>b</sup>	2.44	0.085	6.03	6.59	0.395	1.31	1.42	0.664
North Carolina	1.89	1.95	0.822	3.30	2.30	0.115	4.96	5.65	0.426	1.19	1.29	0.733
North Dakota	1.69	1.47	0.379	3.17	2.28	0.187	4.35	3.57	0.329	0.92	0.88	0.874
Ohio	1.97	2.04	0.688	2.83	2.40	0.253	5.76	5.64	0.831	1.19	1.41	0.328
Oklahoma	1.88	1.99	0.665	2.89	2.50	0.542	5.55	5.10	0.631	1.03	1.35	0.273
Oregon	2.02	2.32	0.329	2.46	2.99	0.412	6.22	6.82	0.578	1.25	1.53	0.441
Pennsylvania	1.68 <sup>a</sup>	2.08	0.044	2.90	2.59	0.450	5.06 <sup>b</sup>	6.19	0.067	0.98	1.34	0.107
Rhode Island	2.63	2.42	0.573	3.62	3.18	0.576	8.27	7.03	0.328	1.48	1.47	0.981
South Carolina	1.75	1.76	0.948	2.55	1.93	0.247	4.37	4.54	0.838	1.17	1.28	0.718
South Dakota	1.66	1.61	0.830	3.01	2.80	0.749	4.47	3.88	0.463	0.90	1.04	0.577
Tennessee	1.83	1.75	0.741	2.95	2.05	0.117	4.74	4.48	0.751	1.20	1.28	0.780
Texas	1.71	1.77	0.735	2.85	2.38	0.221	4.68	4.60	0.883	0.95	1.14	0.324
Utah	1.77	1.99	0.373	2.62	2.45	0.785	3.67	4.79	0.154	1.05	1.22	0.564
Vermont	2.16	2.28	0.662	3.62	2.51	0.111	7.57	7.82	0.843	1.03	1.30	0.363
Virginia	1.99	1.94	0.861	2.99	2.50	0.451	5.65	5.31	0.715	1.26	1.29	0.925
Washington	2.12	2.03	0.739	3.08	2.57	0.412	6.90	6.52	0.716	1.17	1.23	0.830
West Virginia	1.86	2.18	0.257	3.11	2.13	0.142	6.03	7.50	0.186	1.05	1.38	0.265
Wisconsin	1.73	1.84	0.679	3.08	2.71	0.571	4.78	4.54	0.770	1.00	1.26	0.366
Wyoming	1.71	1.55	0.519	2.67	2.68	0.988	5.18	3.76	0.105	0.92	1.01	0.732

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 2009-2010 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 2009-2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2009-2010 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 and 2009-2010 (Latter Revised March 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 2009-2010 NSDUHs**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Total U.S.	9.22 <sup>b</sup>	8.87	0.061	8.89 <sup>a</sup>	7.20	0.000	21.37 <sup>a</sup>	20.04	0.001	7.15	7.14	0.980
Northeast	8.88	9.07	0.551	8.91 <sup>a</sup>	7.38	0.000	21.57	21.50	0.926	6.86	7.18	0.431
Midwest	9.92 <sup>a</sup>	8.98	0.000	9.46 <sup>a</sup>	7.15	0.000	23.37 <sup>a</sup>	20.57	0.000	7.58	7.19	0.241
South	8.77 <sup>b</sup>	8.31	0.070	8.44 <sup>a</sup>	6.55	0.000	20.21 <sup>a</sup>	18.66	0.009	6.82	6.76	0.836
West	9.52	9.51	0.981	9.00 <sup>b</sup>	8.10	0.070	21.01	20.53	0.542	7.49	7.69	0.642
Alabama	7.40	8.29	0.252	7.14	6.64	0.625	16.46	17.65	0.518	5.83	6.89	0.256
Alaska	10.41	9.14	0.158	9.45 <sup>b</sup>	7.16	0.061	23.91 <sup>a</sup>	19.22	0.026	8.31	7.43	0.424
Arizona	11.04 <sup>b</sup>	9.38	0.081	10.62 <sup>a</sup>	7.55	0.020	23.42	21.64	0.417	8.87	7.55	0.248
Arkansas	9.10	7.86	0.130	9.02 <sup>a</sup>	6.65	0.040	21.53 <sup>a</sup>	17.52	0.038	6.90	6.42	0.613
California	9.00	9.84	0.123	8.27	8.30	0.964	19.40	20.31	0.455	7.21	8.07	0.201
Colorado	10.81	10.21	0.533	9.24	9.45	0.874	25.03	23.73	0.554	8.55	7.97	0.608
Connecticut	8.80	9.36	0.515	8.95	7.18	0.139	22.74	22.66	0.969	6.76	7.47	0.486
Delaware	9.29	8.91	0.653	8.74	7.89	0.484	21.46	22.02	0.784	7.26	6.87	0.693
District of Columbia	11.87	12.03	0.889	5.95	5.74	0.841	21.16	20.29	0.685	10.56	10.77	0.880
Florida	8.80	8.32	0.372	8.85 <sup>a</sup>	6.93	0.007	21.29 <sup>a</sup>	17.63	0.001	7.01	7.07	0.918
Georgia	9.11 <sup>a</sup>	7.49	0.044	7.82 <sup>b</sup>	5.86	0.065	19.07	18.31	0.688	7.49 <sup>b</sup>	5.83	0.088
Hawaii	9.15	8.81	0.720	9.95	8.17	0.214	23.25	20.38	0.192	6.79	7.04	0.820
Idaho	9.75	9.66	0.914	10.91 <sup>a</sup>	8.02	0.031	21.24	21.40	0.936	7.19	7.75	0.582
Illinois	10.11 <sup>a</sup>	8.75	0.013	9.05 <sup>a</sup>	6.71	0.001	23.32 <sup>b</sup>	20.96	0.054	7.92 <sup>b</sup>	6.81	0.098
Indiana	9.32	8.85	0.555	8.81 <sup>a</sup>	6.56	0.041	23.20	19.97	0.115	6.84	7.22	0.694
Iowa	9.47	9.17	0.708	9.51	8.06	0.209	22.21	21.82	0.851	7.04	7.02	0.980
Kansas	8.33	9.05	0.350	7.33	7.50	0.876	20.75	20.76	0.996	6.07	7.02	0.296
Kentucky	8.04	7.66	0.606	8.27	6.58	0.135	18.86	18.23	0.739	6.13	6.10	0.975
Louisiana	9.70 <sup>b</sup>	8.24	0.079	8.67 <sup>a</sup>	5.61	0.004	20.91	19.00	0.323	7.60	6.53	0.293
Maine	8.81	7.96	0.280	9.07 <sup>a</sup>	6.36	0.017	21.37	20.84	0.782	6.89	6.30	0.520
Maryland	9.19	8.17	0.259	8.20 <sup>a</sup>	5.64	0.024	20.17	18.57	0.415	7.59	6.73	0.425
Massachusetts	10.71	10.75	0.970	10.82 <sup>b</sup>	8.46	0.081	24.13	25.05	0.678	8.55	8.48	0.947
Michigan	10.05	9.30	0.188	9.80 <sup>a</sup>	7.21	0.000	21.81 <sup>b</sup>	19.72	0.063	8.04	7.78	0.714
Minnesota	10.57 <sup>b</sup>	9.05	0.086	10.60 <sup>a</sup>	7.04	0.003	24.61 <sup>b</sup>	20.70	0.067	8.02	7.29	0.487
Mississippi	7.91	7.82	0.913	6.29	6.11	0.859	17.46	17.18	0.876	6.22	6.32	0.924
Missouri	9.58 <sup>a</sup>	7.98	0.043	9.19 <sup>a</sup>	6.84	0.038	23.72 <sup>a</sup>	18.48	0.009	7.14	6.35	0.390
Montana	12.02	10.63	0.198	15.02 <sup>a</sup>	9.95	0.002	26.55	25.89	0.769	9.00	8.05	0.466

(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 2009-2010 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Nebraska	11.07 <sup>a</sup>	9.08	0.023	11.75 <sup>a</sup>	6.51	0.000	26.52 <sup>a</sup>	20.87	0.009	7.98	7.13	0.422
Nevada	9.75	9.85	0.916	10.26 <sup>b</sup>	7.89	0.072	21.32	21.29	0.989	7.87	8.34	0.668
New Hampshire	10.90	9.79	0.264	11.69	9.86	0.225	27.70 <sup>b</sup>	24.04	0.092	8.18	7.53	0.585
New Jersey	7.59	7.79	0.791	8.08 <sup>b</sup>	6.08	0.053	19.65	18.61	0.592	5.80	6.33	0.571
New Mexico	12.04 <sup>a</sup>	9.48	0.013	11.74	9.77	0.210	27.35 <sup>a</sup>	20.04	0.001	9.24	7.52	0.173
New York	8.88	9.14	0.652	8.61	7.76	0.266	20.33	21.45	0.347	7.02	7.13	0.879
North Carolina	8.31	7.82	0.524	8.30 <sup>a</sup>	5.89	0.027	20.21	17.94	0.240	6.32	6.37	0.957
North Dakota	11.60 <sup>a</sup>	9.38	0.015	12.97 <sup>a</sup>	6.69	0.000	27.99 <sup>a</sup>	21.62	0.003	7.98	6.87	0.305
Ohio	9.56	9.08	0.380	8.99 <sup>a</sup>	7.37	0.021	22.42	21.43	0.386	7.43	7.27	0.815
Oklahoma	8.66	9.54	0.289	8.96	7.38	0.190	21.08	20.48	0.781	6.23	7.80	0.108
Oregon	9.25	9.67	0.629	9.35	8.79	0.654	22.35	20.54	0.344	7.02	8.03	0.338
Pennsylvania	8.30	8.74	0.422	8.45 <sup>a</sup>	7.02	0.045	21.57	20.58	0.410	6.14	6.99	0.192
Rhode Island	11.97	10.78	0.278	9.88 <sup>b</sup>	7.59	0.094	29.42 <sup>a</sup>	23.07	0.008	9.04	8.84	0.873
South Carolina	9.26	9.45	0.837	7.71	6.33	0.196	22.59 <sup>b</sup>	18.62	0.051	7.11	8.31	0.283
South Dakota	11.70	10.25	0.138	12.84 <sup>a</sup>	8.74	0.007	28.81 <sup>a</sup>	22.38	0.004	8.18	8.22	0.969
Tennessee	7.94	8.06	0.880	7.86 <sup>b</sup>	6.05	0.078	19.07	18.33	0.721	6.08	6.69	0.515
Texas	8.98	8.26	0.147	8.81 <sup>a</sup>	6.92	0.006	20.09	18.49	0.132	6.82	6.50	0.611
Utah	7.99	7.43	0.469	6.98	6.17	0.481	15.73	16.33	0.750	5.90	5.45	0.638
Vermont	9.90	9.87	0.976	11.47 <sup>a</sup>	8.02	0.011	24.33	25.59	0.563	7.20	7.36	0.881
Virginia	9.09	9.63	0.541	9.40	7.65	0.159	22.13	23.09	0.652	6.93	7.52	0.572
Washington	9.48 <sup>a</sup>	7.90	0.049	9.30 <sup>a</sup>	6.42	0.013	23.41 <sup>a</sup>	19.63	0.048	7.12	6.16	0.307
West Virginia	8.13	7.69	0.576	9.30 <sup>a</sup>	6.16	0.005	20.37	18.90	0.464	6.02	6.16	0.881
Wisconsin	10.65	9.50	0.218	10.09	8.21	0.142	26.38 <sup>a</sup>	20.88	0.009	7.91	7.67	0.833
Wyoming	10.07	8.77	0.135	9.77	8.53	0.333	25.38 <sup>a</sup>	19.83	0.007	7.21	6.76	0.668

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 2009-2010 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 2009-2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2009-2010 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 and 2009-2010 (Latter Revised March 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 2009-2010 NSDUHs**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (P Value)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (P Value)	26+ (2002-2003)	26+ (2009-2010)	26+ (P Value)
Total U.S.	2.66	2.53	0.155	5.00 <sup>a</sup>	4.21	0.000	7.45	7.14	0.181	1.50	1.52	0.851
Northeast	2.63	2.57	0.664	5.10 <sup>a</sup>	4.23	0.004	8.33	7.93	0.342	1.41	1.47	0.665
Midwest	2.53	2.39	0.197	5.09 <sup>a</sup>	4.09	0.000	7.11	6.91	0.522	1.35	1.39	0.760
South	2.61 <sup>b</sup>	2.41	0.084	4.87 <sup>a</sup>	3.94	0.000	6.96	6.57	0.220	1.54	1.51	0.836
West	2.90	2.82	0.651	5.01	4.74	0.474	7.89	7.61	0.570	1.67	1.70	0.904
Alabama	2.22	2.37	0.586	4.25	3.67	0.435	5.94	6.44	0.595	1.28	1.50	0.487
Alaska	3.13	2.74	0.327	5.55	4.19	0.123	8.08	6.49	0.151	1.83	1.79	0.928
Arizona	3.21	2.72	0.173	6.65 <sup>a</sup>	4.46	0.042	7.80	7.67	0.906	1.88	1.65	0.586
Arkansas	2.67	2.28	0.196	4.78	4.02	0.339	7.51	6.04	0.146	1.52	1.44	0.814
California	2.81	2.95	0.578	4.57	4.87	0.596	7.33	7.52	0.800	1.72	1.82	0.740
Colorado	3.04	2.88	0.619	4.72	5.72	0.327	9.68	8.95	0.577	1.66	1.50	0.648
Connecticut	2.81	2.46	0.313	5.05	4.09	0.264	8.19	7.90	0.804	1.73	1.38	0.360
Delaware	2.60	2.40	0.550	4.50	4.14	0.656	6.70	7.23	0.616	1.65	1.40	0.513
District of Columbia	3.02	2.80	0.589	3.80	3.54	0.750	8.13	6.43	0.132	1.94	1.94	0.996
Florida	2.83	2.47	0.138	5.20 <sup>a</sup>	4.05	0.033	7.76	6.76	0.159	1.83	1.65	0.516
Georgia	2.55	2.04	0.106	4.79	3.57	0.137	5.92	5.20	0.425	1.62	1.29	0.374
Hawaii	2.63	2.39	0.533	5.47 <sup>b</sup>	3.78	0.072	7.73	7.01	0.557	1.43	1.50	0.863
Idaho	2.75	2.85	0.775	5.82	4.39	0.114	7.21	7.70	0.658	1.34	1.75	0.290
Illinois	2.48	2.44	0.838	5.01 <sup>b</sup>	4.04	0.072	6.96	7.54	0.388	1.34	1.31	0.908
Indiana	2.52	2.66	0.663	4.14	3.99	0.857	6.96	7.43	0.667	1.47	1.66	0.609
Iowa	2.36	2.00	0.196	4.18	4.60	0.624	6.00	5.28	0.426	1.43	1.09	0.305
Kansas	2.20	2.12	0.776	3.88	3.49	0.606	6.29	6.46	0.861	1.16	1.11	0.882
Kentucky	2.56	2.45	0.700	5.02	4.27	0.370	6.98	7.23	0.809	1.49	1.47	0.966
Louisiana	2.89	2.46	0.215	4.25	3.50	0.323	6.77	6.68	0.930	1.90	1.51	0.353
Maine	2.84	2.38	0.169	5.35 <sup>a</sup>	3.66	0.047	8.95	8.71	0.847	1.61	1.35	0.470
Maryland	2.68	2.55	0.664	4.96	3.77	0.143	8.62	7.81	0.494	1.43	1.51	0.817
Massachusetts	3.12	2.92	0.569	6.08	5.24	0.410	10.41	8.64	0.193	1.60	1.64	0.915
Michigan	2.60	2.39	0.337	5.88 <sup>a</sup>	4.06	0.001	7.19	6.58	0.313	1.33	1.46	0.605
Minnesota	2.57	2.29	0.323	5.46 <sup>b</sup>	3.87	0.062	6.97	6.89	0.937	1.36	1.30	0.858
Mississippi	2.52	2.73	0.507	3.92	3.63	0.706	6.26	7.03	0.433	1.55	1.80	0.515
Missouri	2.78	2.47	0.310	4.66	3.85	0.292	8.01	7.16	0.427	1.60	1.50	0.776
Montana	2.90	2.42	0.101	6.42 <sup>b</sup>	4.65	0.061	8.02	7.23	0.461	1.49	1.32	0.603

(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 2009-2010 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (P Value)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (P Value)	26+ (2002-2003)	26+ (2009-2010)	26+ (P Value)
Nebraska	2.64 <sup>a</sup>	1.95	0.023	5.36 <sup>a</sup>	3.59	0.034	6.25	5.07	0.194	1.55	1.13	0.223
Nevada	2.69	2.50	0.547	5.40	4.02	0.141	7.75	6.52	0.243	1.54	1.69	0.669
New Hampshire	3.01	2.88	0.728	6.54	6.11	0.701	10.57	9.58	0.467	1.35	1.45	0.782
New Jersey	2.27	2.14	0.625	4.64	3.69	0.217	7.07	6.86	0.840	1.28	1.22	0.850
New Mexico	3.50	2.93	0.179	5.64	6.29	0.582	10.19 <sup>b</sup>	7.87	0.099	1.92	1.59	0.494
New York	2.74	2.73	0.966	4.98 <sup>b</sup>	4.07	0.097	8.38	8.29	0.900	1.52	1.58	0.804
North Carolina	2.62	2.50	0.713	5.21 <sup>b</sup>	3.83	0.089	6.65	7.01	0.713	1.60	1.59	0.974
North Dakota	2.59 <sup>a</sup>	1.84	0.014	5.37 <sup>a</sup>	3.35	0.019	6.90 <sup>a</sup>	4.90	0.038	1.31	0.95	0.259
Ohio	2.61	2.48	0.505	5.24 <sup>a</sup>	4.18	0.039	7.76	7.42	0.604	1.36	1.46	0.662
Oklahoma	2.74	2.64	0.776	4.91	4.47	0.592	7.25	6.93	0.771	1.56	1.62	0.880
Oregon	2.88	2.82	0.875	5.07	5.00	0.943	9.17	8.03	0.348	1.53	1.74	0.580
Pennsylvania	2.24	2.41	0.431	4.80	4.21	0.292	7.21	7.16	0.942	1.11	1.42	0.208
Rhode Island	3.18	2.99	0.611	5.54	4.82	0.458	11.23	9.42	0.200	1.42	1.56	0.698
South Carolina	2.43	2.52	0.768	4.32	3.89	0.581	7.31	6.46	0.411	1.31	1.70	0.283
South Dakota	2.37	2.07	0.281	5.08	4.38	0.436	6.20	5.54	0.482	1.21	1.15	0.857
Tennessee	2.54	2.36	0.578	4.43	3.62	0.282	6.71	6.04	0.514	1.59	1.63	0.915
Texas	2.47	2.36	0.609	4.91	4.07	0.123	6.39	6.19	0.760	1.31	1.38	0.758
Utah	2.69	2.57	0.695	4.22	4.30	0.919	5.42	6.09	0.459	1.59	1.41	0.604
Vermont	3.39 <sup>a</sup>	2.72	0.050	7.19 <sup>a</sup>	4.20	0.002	11.52	9.52	0.146	1.49	1.38	0.778
Virginia	2.69	2.47	0.461	5.51	4.47	0.254	7.95	7.38	0.610	1.46	1.37	0.802
Washington	3.08	2.57	0.109	5.76 <sup>a</sup>	3.75	0.017	10.00	8.38	0.205	1.53	1.48	0.898
West Virginia	2.46	2.31	0.624	5.29 <sup>a</sup>	3.24	0.011	8.37	7.74	0.590	1.18	1.40	0.492
Wisconsin	2.28	2.41	0.663	5.67	4.88	0.401	6.84	6.49	0.724	0.99	1.39	0.202
Wyoming	2.46	2.09	0.200	4.23	4.38	0.861	7.82 <sup>a</sup>	5.71	0.047	1.19	1.15	0.908

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 2009-2010 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 2009-2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2009-2010 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 and 2009-2010 (Latter Revised March 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 2009-2010 NSDUHs**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (P Value)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (P Value)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (P Value)	26+ (2002-2003)	26+ (2009-2010)	26+ (P Value)
Total U.S.	7.19 <sup>a</sup>	6.88	0.050	5.59 <sup>a</sup>	4.41	0.000	16.89 <sup>a</sup>	15.26	0.000	5.73	5.73	0.995
Northeast	6.77	6.90	0.654	5.54 <sup>a</sup>	4.44	0.001	16.94	16.23	0.278	5.31	5.62	0.382
Midwest	7.96 <sup>a</sup>	6.98	0.000	6.15 <sup>a</sup>	4.37	0.000	18.96 <sup>a</sup>	15.91	0.000	6.25 <sup>b</sup>	5.75	0.095
South	6.79	6.46	0.144	5.19 <sup>a</sup>	4.08	0.000	15.99 <sup>a</sup>	14.04	0.000	5.41	5.46	0.859
West	7.41	7.42	0.982	5.69 <sup>b</sup>	4.94	0.051	16.15	15.80	0.611	6.06	6.22	0.688
Alabama	5.81	6.50	0.310	4.65	4.26	0.614	13.20	12.87	0.832	4.65	5.68	0.211
Alaska	7.76	7.13	0.443	5.37	4.40	0.232	18.23 <sup>b</sup>	14.86	0.068	6.44	6.00	0.664
Arizona	9.02 <sup>a</sup>	7.15	0.031	7.16 <sup>a</sup>	4.59	0.011	18.75	16.65	0.272	7.54	5.87	0.110
Arkansas	7.33 <sup>b</sup>	6.15	0.087	6.08 <sup>a</sup>	4.39	0.048	17.14 <sup>a</sup>	13.53	0.034	5.76	5.15	0.455
California	6.95	7.76	0.116	5.05	5.15	0.871	14.54	15.61	0.317	5.84	6.62	0.214
Colorado	8.55	8.17	0.665	6.24	5.32	0.310	20.00	19.29	0.723	6.87	6.60	0.795
Connecticut	6.44	7.51	0.160	5.24	4.67	0.472	18.16	17.93	0.905	4.90	6.17	0.167
Delaware	7.09	6.69	0.581	5.50	4.40	0.179	17.19	15.64	0.388	5.56	5.49	0.932
District of Columbia	8.88	9.21	0.744	2.48	3.37	0.215	16.09	16.73	0.731	8.03	8.07	0.972
Florida	6.47	6.38	0.845	4.93	4.40	0.308	16.46 <sup>a</sup>	13.12	0.002	5.22	5.57	0.530
Georgia	7.07 <sup>b</sup>	5.88	0.096	4.68	3.53	0.111	14.94	13.49	0.396	5.99	4.87	0.194
Hawaii	7.31	7.46	0.876	6.19	5.25	0.401	17.85	16.97	0.675	5.79	6.19	0.713
Idaho	8.18	7.02	0.122	7.69 <sup>a</sup>	4.79	0.002	18.00	16.04	0.278	6.23	5.69	0.553
Illinois	8.31 <sup>a</sup>	6.89	0.005	5.84 <sup>a</sup>	3.96	0.000	18.98 <sup>a</sup>	16.19	0.015	6.77 <sup>b</sup>	5.60	0.058
Indiana	7.15	6.67	0.498	5.51 <sup>b</sup>	4.09	0.062	18.15 <sup>b</sup>	14.99	0.078	5.36	5.57	0.800
Iowa	7.64	7.86	0.790	7.01 <sup>b</sup>	5.24	0.058	18.20	18.73	0.792	5.72	6.21	0.598
Kansas	6.85	7.38	0.463	4.98	4.95	0.973	17.70	16.63	0.552	5.02	5.93	0.294
Kentucky	5.90	5.84	0.930	5.21	4.06	0.136	14.15	13.15	0.543	4.55	4.88	0.671
Louisiana	7.34	6.38	0.172	5.09 <sup>a</sup>	3.35	0.012	16.67 <sup>b</sup>	13.84	0.079	5.81	5.36	0.602
Maine	6.59	6.21	0.579	5.43	4.16	0.102	17.24	15.77	0.410	5.15	5.07	0.924
Maryland	7.09	5.97	0.132	5.19 <sup>a</sup>	3.30	0.009	15.17	13.36	0.301	6.08	5.05	0.256
Massachusetts	7.86	7.94	0.932	7.15 <sup>a</sup>	4.98	0.024	18.08	19.07	0.631	6.31	6.30	0.990
Michigan	8.05 <sup>a</sup>	6.99	0.040	6.22 <sup>a</sup>	4.25	0.000	17.31 <sup>a</sup>	14.70	0.011	6.70	6.02	0.284
Minnesota	8.14	7.30	0.275	6.55 <sup>a</sup>	4.70	0.030	19.75	16.85	0.107	6.26	5.98	0.757
Mississippi	6.17	6.20	0.968	3.47	3.71	0.708	13.69	12.92	0.626	5.06	5.29	0.790
Missouri	7.63 <sup>b</sup>	6.26	0.068	6.09 <sup>b</sup>	4.49	0.052	19.32 <sup>a</sup>	13.77	0.002	5.78	5.21	0.518
Montana	9.99	8.71	0.197	10.37 <sup>a</sup>	6.13	0.001	22.55	21.41	0.591	7.69	6.79	0.458

(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 2009-2010 NSDUHs (continued)**

State	12+ (2002-2003)	12+ (2009-2010)	12+ (PValue)	12-17 (2002-2003)	12-17 (2009-2010)	12-17 (PValue)	18-25 (2002-2003)	18-25 (2009-2010)	18-25 (PValue)	26+ (2002-2003)	26+ (2009-2010)	26+ (PValue)
Nebraska	9.51 <sup>a</sup>	7.39	0.010	8.42 <sup>a</sup>	4.44	0.000	23.20 <sup>a</sup>	17.77	0.006	7.03	5.77	0.198
Nevada	7.83	8.00	0.839	6.80 <sup>b</sup>	5.15	0.078	15.54	17.31	0.339	6.75	6.93	0.863
New Hampshire	8.64 <sup>b</sup>	7.15	0.065	7.33 <sup>a</sup>	5.12	0.020	22.30 <sup>a</sup>	17.82	0.020	6.69	5.69	0.303
New Jersey	5.81	6.07	0.694	4.97	3.86	0.131	15.91	13.82	0.249	4.48	5.15	0.397
New Mexico	9.40 <sup>a</sup>	7.14	0.012	7.46 <sup>a</sup>	5.21	0.031	21.52 <sup>a</sup>	15.29	0.002	7.45	5.89	0.159
New York	6.77	6.99	0.665	5.36	4.69	0.235	15.53	15.97	0.680	5.50	5.67	0.775
North Carolina	6.31	6.01	0.668	5.34 <sup>a</sup>	3.63	0.021	16.04	13.34	0.111	4.80	5.08	0.741
North Dakota	9.91 <sup>a</sup>	7.90	0.019	9.46 <sup>a</sup>	4.32	0.000	25.71 <sup>a</sup>	19.11	0.001	6.66	5.72	0.349
Ohio	7.47	6.86	0.213	5.59 <sup>a</sup>	4.36	0.014	17.69	16.04	0.106	5.97	5.67	0.607
Oklahoma	6.61	7.15	0.458	5.41	4.58	0.308	16.77	15.48	0.496	4.83	5.95	0.193
Oregon	6.93	7.13	0.787	5.78	4.75	0.207	16.86	15.06	0.298	5.40	6.12	0.397
Pennsylvania	6.54	6.51	0.942	5.20 <sup>a</sup>	4.07	0.032	17.60	15.80	0.102	4.93	5.26	0.561
Rhode Island	9.01	8.26	0.423	6.28 <sup>a</sup>	4.50	0.041	23.85 <sup>a</sup>	17.02	0.002	6.65	7.04	0.731
South Carolina	7.38	7.67	0.747	4.50	3.90	0.402	18.58 <sup>a</sup>	13.99	0.014	5.78	7.08	0.230
South Dakota	9.59	8.44	0.196	8.55 <sup>a</sup>	5.90	0.022	24.04 <sup>a</sup>	19.03	0.018	6.92	6.82	0.927
Tennessee	5.70	6.16	0.511	4.62	3.70	0.200	14.41	13.55	0.617	4.38	5.29	0.267
Texas	7.43 <sup>b</sup>	6.63	0.082	5.65 <sup>a</sup>	4.36	0.020	16.62 <sup>a</sup>	14.40	0.030	5.91	5.47	0.443
Utah	6.33	5.40	0.210	4.71	3.83	0.313	12.89	11.47	0.389	4.71	4.18	0.551
Vermont	7.30	7.61	0.693	6.43 <sup>a</sup>	4.68	0.042	18.33	19.00	0.730	5.51	5.96	0.628
Virginia	7.08	7.52	0.558	6.01	4.81	0.181	17.15	18.11	0.596	5.59	6.01	0.645
Washington	7.00	6.04	0.170	5.70 <sup>a</sup>	4.10	0.040	17.79 <sup>b</sup>	14.60	0.079	5.33	4.88	0.581
West Virginia	6.17	5.53	0.344	6.31 <sup>a</sup>	4.16	0.013	15.53	13.19	0.162	4.64	4.52	0.882
Wisconsin	8.92 <sup>a</sup>	7.08	0.023	7.00 <sup>a</sup>	4.43	0.004	22.25 <sup>a</sup>	15.92	0.001	6.80	5.85	0.319
Wyoming	8.71 <sup>b</sup>	7.17	0.052	7.13 <sup>b</sup>	5.38	0.064	23.02 <sup>a</sup>	16.79	0.003	6.22	5.62	0.513

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 2009-2010 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 2009-2010 estimate is statistically significant at the 0.05 level.

<sup>b</sup> Difference between the 2002-2003 estimate and the 2009-2010 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 and 2009-2010 (Latter Revised March 2012).

## Changes in Prevalence Rates of Substance Use between 2002-2003 and 2009-2010 Small Area Estimates

The 2009-2010 State small area estimation (SAE) report<sup>1</sup> for the National Survey on Drug Use and Health (NSDUH) contains the  $p$  values of no change between the 2008-2009 and 2009-2010 prevalence rates. In addition, the above-mentioned report also contains a brief description of the methodology used in measuring changes between the State prevalence rates across the two time periods. A similar methodology was used here in measuring changes between the 2002-2003 and 2009-2010 State prevalence rates.

To estimate changes in the 2002-2003 and 2009-2010 State prevalence rates, let  $\pi_{sa(1)}$  and  $\pi_{sa(2)}$  denote 2002-2003 and 2009-2010 prevalence rates, respectively, for State- $s$  and age group- $a$ . A change between  $\pi_{sa(1)}$  and  $\pi_{sa(2)}$  is defined in terms of the log-odds ratio ( $lor_{sa}$ ) as opposed to the simple difference because the posterior distribution of the  $lor_{sa}$  is closer to Gaussian than the posterior distribution of the simple difference ( $\pi_{sa(2)} - \pi_{sa(1)}$ ). The  $lor_{sa}$  is defined as

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

where  $\ln$  denotes the natural logarithm. The  $p$  value given in each of the tables that follow (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>2</sup> and  $p_{sa(2)}$  are the 2009-2010 State estimates presented in the 2009-2010 State SAE report.<sup>3</sup> 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

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<sup>1</sup> Hughes, A., Muhuri, P., Sathe, N., & Spagnola, K. (2012). *State estimates of substance use and mental disorders from the 2009-2010 National Surveys on Drug Use and Health* (HHS Publication No. SMA 12-4703, NSDUH Series H-43). Rockville, MD: Substance Abuse and Mental Health Services Administration, Center for Behavioral Health Statistics and Quality.

<sup>2</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.

<sup>3</sup> See footnote 1.

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

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

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

Note that  $v[\ln(\hat{\theta}_1)]$  and  $v[\ln(\hat{\theta}_2)]$  used here to calculate  $v(\hat{l}or_{sa})$  are the same variances used in calculating the previously published 2002-2003 Bayesian confidence intervals and the 2009-2010 Bayesian confidence intervals given here, respectively.

The correlation between  $\ln(\hat{\theta}_1)$  and  $\ln(\hat{\theta}_2)$  was obtained by simultaneously modeling the pooled 2002-2003 and pooled 2009-2010 NSDUH data. For this simultaneous model, four age groups (12 to 17, 18 to 25, 26 to 34, and 35 or older) by two time periods (2002-2003 and 2009-2010), 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.

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

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