

National Survey on Drug Use and Health: Comparison of 2002-2003 and 2012-2013 Model-Based Prevalence Estimates (50 States and the District of Columbia)

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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 2012-2013 NSDUHs

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (<i>P</i> Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (<i>P</i> Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (<i>P</i> Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (<i>P</i> Value)
Total U.S.	8.25 ^a	9.27	0.000	11.44 ^a	9.18	0.000	20.24 ^a	21.44	0.003	5.72 ^a	7.19	0.000
Northeast	8.45 ^a	9.58	0.000	11.87 ^a	9.31	0.000	23.71	23.57	0.852	5.58 ^a	7.28	0.000
Midwest	7.96 ^a	8.84	0.000	11.11 ^a	8.86	0.000	19.93 ^b	20.90	0.091	5.38 ^a	6.78	0.000
South	7.64	8.00	0.128	11.03 ^a	8.51	0.000	18.82	19.04	0.696	5.23 ^a	6.05	0.004
West	9.32 ^a	11.45	0.000	12.04 ^a	10.42	0.004	20.06 ^a	24.02	0.000	6.96 ^a	9.33	0.000
Alabama	6.62	7.57	0.190	9.65	7.75	0.140	15.94	17.47	0.386	4.57	5.83	0.145
Alaska	12.01	12.93	0.464	13.34 ^a	9.70	0.021	27.29 ^b	23.38	0.094	9.17	11.40	0.166
Arizona	8.87	10.44	0.101	12.61	11.05	0.334	18.88	22.10	0.139	6.53	8.32	0.117
Arkansas	7.78	7.99	0.801	11.72 ^a	8.84	0.041	21.05 ^b	17.31	0.062	4.89	6.29	0.142
California	9.01 ^a	11.17	0.000	11.44 ^b	9.80	0.059	18.83 ^a	24.12	0.000	6.86 ^a	8.94	0.006
Colorado	11.12 ^a	14.90	0.002	13.83	14.41	0.758	25.52 ^a	31.89	0.012	8.24 ^a	12.09	0.008
Connecticut	8.75	9.93	0.184	12.43	9.95	0.107	25.58	25.39	0.937	5.82	7.48	0.113
Delaware	8.74	9.59	0.304	13.54 ^b	10.77	0.073	25.77	23.16	0.255	5.19 ^a	7.15	0.041
District of Columbia	11.59 ^a	15.17	0.004	11.54	13.30	0.284	26.23	27.57	0.601	8.71 ^a	12.53	0.011
Florida	8.72	8.63	0.870	11.42 ^a	9.42	0.017	21.32	21.85	0.657	6.58	6.56	0.966
Georgia	7.54 ^a	9.53	0.014	10.43	9.46	0.500	17.51	20.15	0.192	5.31 ^a	7.64	0.016
Hawaii	8.90	10.30	0.173	13.97 ^b	10.90	0.090	19.31	22.78	0.123	6.56	8.28	0.171
Idaho	7.24	6.84	0.573	11.02 ^a	7.56	0.009	15.80	16.03	0.895	4.86	5.13	0.746
Illinois	7.50 ^a	8.73	0.009	10.83 ^a	8.14	0.000	20.22 ^b	22.28	0.071	4.80 ^a	6.52	0.003
Indiana	8.07	7.94	0.862	10.15 ^b	7.89	0.084	20.67	19.94	0.712	5.45	5.81	0.680
Iowa	6.47	7.34	0.222	9.22	7.86	0.301	15.80	18.51	0.163	4.33	5.31	0.249
Kansas	6.74	6.02	0.278	9.33 ^a	6.69	0.029	16.67	14.70	0.271	4.43	4.36	0.929
Kentucky	8.33	7.25	0.158	11.70 ^a	6.96	0.000	18.43	18.81	0.842	6.15	5.38	0.405
Louisiana	8.07	7.84	0.758	10.76 ^b	8.42	0.090	20.54 ^b	17.33	0.094	5.17	6.04	0.333
Maine	9.31 ^a	11.33	0.049	12.58	11.14	0.339	25.20	26.22	0.654	6.52 ^a	9.26	0.029
Maryland	7.57 ^b	8.93	0.067	10.76	9.58	0.395	22.02	22.36	0.876	4.85 ^a	6.65	0.043
Massachusetts	9.28 ^a	11.57	0.014	13.94 ^a	10.56	0.033	27.46	28.71	0.604	5.81 ^a	8.68	0.011
Michigan	9.06 ^a	11.45	0.000	12.80	11.40	0.126	21.22 ^a	23.84	0.027	6.42 ^a	9.32	0.000
Minnesota	7.59	7.63	0.967	11.59 ^a	7.83	0.007	19.28	18.53	0.718	4.91	5.82	0.297
Mississippi	6.56	7.26	0.299	10.59 ^b	7.87	0.051	16.33	17.61	0.502	3.98	5.29	0.110
Missouri	9.17	8.87	0.726	10.05	9.46	0.666	21.37	22.42	0.609	6.90	6.50	0.712
Montana	10.58	11.13	0.599	15.57 ^a	10.39	0.001	22.34	24.50	0.322	7.77	9.03	0.330

(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 2012-2013 NSDUHs (continued)

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Nebraska	7.67	6.79	0.216	12.71 ^a	7.96	0.001	18.91	17.12	0.334	4.78	4.83	0.948
Nevada	10.30	10.78	0.659	12.46	10.22	0.156	22.02	21.56	0.835	8.17	9.13	0.471
New Hampshire	11.15	11.28	0.906	14.46	11.77	0.113	29.61	29.84	0.921	7.82	8.32	0.707
New Jersey	6.97	7.40	0.570	10.42 ^a	7.14	0.010	21.36	19.76	0.450	4.48	5.57	0.217
New Mexico	10.00	10.65	0.551	14.16	12.36	0.335	22.17	22.21	0.987	7.08	8.41	0.317
New York	8.90 ^b	9.93	0.079	11.68 ^a	9.63	0.018	23.89	22.98	0.493	6.07 ^a	7.69	0.025
North Carolina	7.92	7.54	0.606	13.62 ^a	8.74	0.001	20.35	18.80	0.429	5.09	5.51	0.627
North Dakota	7.22	6.50	0.305	11.64 ^a	6.08	0.000	18.02	15.63	0.218	4.35	4.55	0.812
Ohio	8.04 ^a	9.73	0.001	11.39 ^a	9.22	0.007	20.64	21.67	0.362	5.42 ^a	7.82	0.000
Oklahoma	8.58	7.71	0.330	12.23 ^a	7.45	0.001	18.97	18.55	0.838	6.06	5.80	0.811
Oregon	10.84 ^a	13.92	0.007	12.30	12.34	0.978	24.72	25.63	0.686	8.30 ^a	12.26	0.006
Pennsylvania	7.50 ^b	8.38	0.086	11.28 ^a	8.47	0.000	20.54	21.60	0.375	4.91 ^a	6.18	0.041
Rhode Island	10.95 ^a	15.76	0.000	13.25	15.12	0.338	32.44	31.77	0.798	6.75 ^a	12.75	0.000
South Carolina	7.23 ^a	8.82	0.036	11.05	10.41	0.666	19.54	21.29	0.406	4.54 ^a	6.51	0.027
South Dakota	7.15	6.17	0.178	13.26 ^a	6.17	0.000	17.92 ^a	13.79	0.029	4.13	4.84	0.416
Tennessee	6.70	7.16	0.531	9.23	8.23	0.457	16.16	17.65	0.439	4.78	5.31	0.555
Texas	6.97	7.17	0.642	10.18 ^a	7.81	0.003	16.54	16.57	0.979	4.59	5.31	0.177
Utah	6.32	6.98	0.355	8.76	7.33	0.256	12.69	14.20	0.391	4.00	5.26	0.169
Vermont	10.96	12.68	0.106	16.67	13.69	0.111	29.58	30.02	0.865	6.99 ^a	9.60	0.045
Virginia	7.68	8.04	0.625	11.88 ^a	7.73	0.002	20.53	19.78	0.708	5.03	6.08	0.239
Washington	9.96 ^a	13.74	0.000	13.49	11.46	0.201	24.65	27.65	0.189	6.96 ^a	11.72	0.000
West Virginia	6.61	6.34	0.681	11.70 ^a	6.95	0.000	17.37	17.34	0.987	4.29	4.61	0.667
Wisconsin	7.48	8.36	0.251	10.73	9.41	0.376	18.85	20.42	0.418	4.98	6.23	0.178
Wyoming	7.51	6.62	0.230	10.05 ^b	7.75	0.078	18.36	15.62	0.160	5.07	4.93	0.870

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 2012-2013 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.

^a Difference between the 2002-2003 estimate and the 2012-2013 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2012-2013 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, 2012, and 2013.

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 2012-2013 NSDUHs

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Total U.S.	10.78 ^a	12.34	0.000	15.38 ^a	13.47	0.000	29.13 ^a	31.55	0.000	6.95 ^a	8.89	0.000
Northeast	11.69 ^a	13.29	0.000	16.39 ^a	14.29	0.000	33.77 ^b	35.32	0.088	7.58 ^a	9.50	0.000
Midwest	10.80 ^a	12.01	0.000	15.46 ^a	13.10	0.000	29.83 ^a	31.29	0.036	6.75 ^a	8.58	0.000
South	9.62 ^a	10.65	0.000	14.64 ^a	12.37	0.000	25.90 ^a	28.44	0.000	6.09 ^a	7.39	0.000
West	11.84 ^a	14.59	0.000	15.63	14.93	0.303	29.86 ^a	33.77	0.000	7.99 ^a	11.11	0.000
Alabama	8.35	9.69	0.103	12.75 ^b	10.36	0.099	23.79	25.36	0.473	5.03 ^a	6.90	0.042
Alaska	16.65 ^a	19.69	0.041	18.87 ^b	15.61	0.088	38.90	35.71	0.214	12.46 ^a	17.24	0.012
Arizona	10.48 ^a	12.94	0.015	16.96	15.03	0.266	27.54	31.26	0.132	6.46 ^a	9.47	0.010
Arkansas	10.22	9.69	0.536	15.76 ^b	12.70	0.065	28.89 ^b	24.34	0.053	6.15	6.82	0.488
California	11.33 ^a	13.89	0.000	14.11	14.25	0.885	28.29 ^a	34.08	0.000	7.81 ^a	10.08	0.005
Colorado	15.08 ^a	18.92	0.005	19.55	18.76	0.703	36.57 ^a	42.42	0.029	10.73 ^a	14.98	0.009
Connecticut	11.78 ^a	14.00	0.038	17.58	16.02	0.419	38.82	39.41	0.828	7.09 ^a	9.72	0.033
Delaware	11.65 ^a	13.97	0.020	18.20	16.72	0.427	33.24 ^a	38.49	0.048	7.09 ^a	9.51	0.033
District of Columbia	15.09 ^a	21.02	0.000	14.83 ^b	18.01	0.078	37.61 ^a	43.68	0.028	10.68 ^a	16.18	0.001
Florida	11.36	11.43	0.908	16.13 ^a	13.64	0.017	29.83	32.06	0.103	8.13	8.10	0.959
Georgia	9.61 ^a	11.44	0.050	14.20	12.62	0.323	23.85	27.51	0.115	6.36 ^b	8.41	0.053
Hawaii	11.56	13.37	0.114	18.09	15.33	0.164	30.20	31.27	0.691	7.70 ^a	10.35	0.048
Idaho	9.26	9.82	0.499	14.63	12.53	0.204	24.37	25.18	0.724	5.27	6.74	0.107
Illinois	9.99 ^a	11.66	0.002	14.46 ^a	12.61	0.045	29.61	31.43	0.166	5.90 ^a	8.20	0.000
Indiana	10.33	11.05	0.421	13.95	12.12	0.229	28.44	31.58	0.196	6.48	7.26	0.433
Iowa	9.32	10.40	0.240	13.39	11.94	0.335	25.88	29.80	0.118	5.63	6.78	0.259
Kansas	9.08	8.21	0.260	13.24 ^a	10.04	0.025	25.44	24.15	0.577	5.29	5.08	0.802
Kentucky	10.30	9.22	0.201	16.32 ^a	10.05	0.000	26.21	26.86	0.776	6.78	6.21	0.549
Louisiana	9.82	10.76	0.304	13.02	12.34	0.641	27.52	26.83	0.753	5.78 ^b	7.63	0.084
Maine	12.34 ^a	16.24	0.001	18.76	15.99	0.123	37.34	38.78	0.572	7.80 ^a	13.11	0.000
Maryland	10.54	11.47	0.324	14.75	14.51	0.890	30.31	34.27	0.113	6.84	7.36	0.626
Massachusetts	15.45	15.57	0.917	20.15 ^a	15.05	0.007	38.19	41.86	0.186	11.24	11.02	0.878
Michigan	12.61 ^a	15.22	0.000	17.03	16.12	0.358	32.38 ^b	34.59	0.097	8.55 ^a	11.76	0.000
Minnesota	11.40	11.93	0.597	17.30 ^a	11.99	0.001	30.34	32.09	0.484	7.13	8.64	0.189
Mississippi	7.98	8.78	0.302	11.01	10.28	0.614	22.06	25.51	0.119	4.68	5.52	0.331
Missouri	11.91	11.64	0.781	16.15	13.78	0.162	31.48	31.99	0.829	7.87	7.93	0.962
Montana	13.83	15.78	0.127	21.07 ^a	15.80	0.005	35.15	34.98	0.946	9.00 ^a	12.65	0.015

(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 2012-2013 NSDUHs (continued)

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Nebraska	10.39	9.98	0.639	16.42 ^b	13.03	0.052	27.17	27.83	0.774	6.29	6.46	0.866
Nevada	12.01 ^b	14.10	0.075	19.67 ^a	15.84	0.046	29.02	30.96	0.434	8.31 ^a	11.19	0.036
New Hampshire	16.30	15.39	0.507	20.52	18.23	0.269	44.61	43.98	0.811	11.31	10.59	0.657
New Jersey	8.64 ^b	10.18	0.069	14.03	12.06	0.218	29.40	30.98	0.531	5.00 ^a	6.81	0.047
New Mexico	12.30 ^a	15.09	0.027	19.03	18.38	0.754	33.80	32.06	0.526	7.24 ^a	11.72	0.002
New York	12.22 ^a	14.13	0.004	15.98	14.62	0.172	33.60	33.97	0.792	8.20 ^a	10.61	0.002
North Carolina	9.83	10.88	0.259	16.97 ^a	12.64	0.012	26.70	28.81	0.372	6.05	7.68	0.128
North Dakota	9.81	9.92	0.894	16.18 ^a	9.79	0.000	28.80	27.66	0.638	4.95	6.06	0.207
Ohio	10.91 ^a	12.81	0.002	15.33 ^a	13.27	0.023	30.34	31.16	0.533	6.96 ^a	9.72	0.000
Oklahoma	9.50	9.97	0.620	15.34 ^a	10.44	0.003	25.47	27.03	0.506	5.60	6.85	0.237
Oregon	13.78 ^a	19.03	0.000	17.38	17.10	0.880	36.44	35.88	0.830	9.47 ^a	16.59	0.000
Pennsylvania	9.88 ^a	11.33	0.009	15.24 ^a	13.18	0.032	29.95 ^a	32.78	0.038	5.95 ^a	7.57	0.015
Rhode Island	15.22 ^a	20.22	0.000	18.29	20.28	0.350	45.71	45.17	0.847	9.29 ^a	15.41	0.000
South Carolina	9.67 ^a	11.72	0.034	13.44	13.60	0.918	27.75 ^b	31.99	0.080	5.96 ^b	8.04	0.059
South Dakota	9.83	9.64	0.827	17.65 ^a	9.92	0.000	28.35	24.66	0.129	5.02 ^a	6.97	0.040
Tennessee	7.36 ^a	9.93	0.001	12.15	12.50	0.825	21.07 ^a	26.23	0.024	4.44 ^a	6.94	0.004
Texas	8.56 ^b	9.38	0.085	13.91 ^a	11.27	0.003	22.28 ^a	25.03	0.029	5.01 ^a	6.16	0.040
Utah	8.17	8.76	0.469	11.08	9.95	0.442	20.77	20.52	0.907	3.93 ^a	5.85	0.034
Vermont	15.93 ^a	19.10	0.015	22.69	19.78	0.170	44.56	46.77	0.428	10.10 ^a	14.27	0.008
Virginia	9.69 ^a	12.39	0.002	15.47	14.16	0.418	29.57	32.53	0.226	5.68 ^a	8.76	0.002
Washington	13.50 ^a	17.48	0.001	17.64	16.48	0.519	36.16	37.57	0.567	9.05 ^a	14.30	0.000
West Virginia	9.16	10.12	0.261	16.92 ^a	11.39	0.001	27.87	26.44	0.541	5.24 ^a	7.52	0.017
Wisconsin	10.01	11.12	0.248	15.84	13.14	0.109	30.00	30.82	0.728	5.61 ^b	7.62	0.059
Wyoming	10.45	10.11	0.724	14.46 ^b	11.71	0.081	28.79	25.70	0.223	6.38	7.22	0.442

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 2012-2013 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2003 estimate and the 2012-2013 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2012-2013 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, 2012, and 2013.

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 2012-2013 NSDUHs

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Total U.S.	6.18 ^a	7.40	0.000	8.03 ^a	7.15	0.000	17.17 ^a	18.91	0.000	4.01 ^a	5.45	0.000
Northeast	6.78 ^a	7.85	0.000	8.84 ^a	7.67	0.006	21.00	20.96	0.949	4.26 ^a	5.68	0.000
Midwest	6.14 ^a	7.09	0.000	8.17 ^a	6.95	0.000	17.21 ^a	18.74	0.005	3.88 ^a	5.12	0.000
South	5.49 ^a	6.13	0.001	7.40 ^a	6.31	0.000	15.32 ^a	16.40	0.031	3.51 ^a	4.35	0.000
West	6.81 ^a	9.36	0.000	8.22	8.26	0.928	17.05 ^a	21.42	0.000	4.73 ^a	7.34	0.000
Alabama	4.32	4.95	0.254	6.37	4.81	0.104	12.47	13.93	0.382	2.60	3.41	0.199
Alaska	9.78 ^b	11.89	0.077	11.08	8.73	0.111	23.99	21.06	0.189	7.14 ^a	10.60	0.025
Arizona	5.68 ^a	7.88	0.007	7.74	8.25	0.679	15.18 ^b	18.54	0.097	3.67 ^a	5.98	0.014
Arkansas	5.63	5.69	0.930	7.97 ^a	5.68	0.030	16.48	14.28	0.226	3.39	4.23	0.264
California	6.50 ^a	8.94	0.000	7.66	7.80	0.840	16.09 ^a	21.64	0.000	4.57 ^a	6.72	0.001
Colorado	8.49 ^a	12.70	0.000	9.82	11.16	0.373	21.67 ^a	29.05	0.002	6.01 ^a	10.13	0.001
Connecticut	6.94 ^a	8.95	0.014	9.22	8.57	0.620	23.62	24.41	0.747	4.22 ^a	6.55	0.014
Delaware	6.89	7.97	0.126	9.41	9.15	0.844	22.06	20.75	0.559	3.96 ^a	5.68	0.031
District of Columbia	9.60 ^a	12.01	0.027	7.43 ^b	9.89	0.053	24.14	25.53	0.583	6.93 ^b	9.14	0.085
Florida	6.58	7.00	0.386	8.52	7.52	0.167	17.68	19.09	0.194	4.75	5.12	0.513
Georgia	4.93 ^a	7.71	0.000	6.87	7.14	0.803	13.01 ^a	18.13	0.006	3.18 ^a	5.93	0.001
Hawaii	6.95 ^b	8.61	0.088	10.23	9.55	0.654	17.00	18.84	0.401	4.90 ^b	6.91	0.090
Idaho	5.09	5.53	0.445	7.92 ^a	5.61	0.029	12.47	14.05	0.341	3.10	4.03	0.155
Illinois	5.60 ^a	6.95	0.001	7.61 ^a	6.26	0.035	17.43 ^a	20.07	0.016	3.23 ^a	4.82	0.002
Indiana	6.12	6.28	0.821	7.37	5.97	0.177	17.19	17.73	0.780	3.91	4.28	0.629
Iowa	4.90 ^b	5.98	0.081	7.10	6.25	0.416	13.14 ^b	16.31	0.082	3.04	4.12	0.127
Kansas	4.91	4.41	0.361	7.39 ^a	5.09	0.021	13.92	12.23	0.313	2.79	2.90	0.867
Kentucky	5.62	5.35	0.655	8.16 ^a	5.07	0.004	14.15	16.56	0.173	3.82	3.53	0.683
Louisiana	5.77	5.07	0.244	6.92 ^b	5.09	0.069	17.04	14.58	0.170	3.33	3.33	0.993
Maine	7.95 ^a	9.95	0.038	10.56	9.26	0.362	23.22	24.71	0.511	5.33 ^a	7.95	0.023
Maryland	5.73 ^b	6.94	0.066	7.87	7.50	0.753	19.43	19.99	0.792	3.27 ^a	4.73	0.050
Massachusetts	7.80 ^a	9.90	0.014	10.53	8.90	0.221	24.54	26.64	0.392	4.79 ^a	7.07	0.021
Michigan	7.20 ^a	9.71	0.000	9.23	9.13	0.886	18.49 ^a	22.15	0.001	4.95 ^a	7.64	0.000
Minnesota	6.37	6.21	0.813	8.92 ^b	6.69	0.052	17.49	17.14	0.861	4.00	4.37	0.620
Mississippi	4.64	5.10	0.384	6.04	5.13	0.330	12.99	15.16	0.211	2.74	3.26	0.399
Missouri	6.76	7.10	0.649	7.43	7.10	0.764	18.55	20.15	0.417	4.59	4.88	0.731
Montana	9.17	10.33	0.268	12.07 ^a	8.68	0.012	20.66	23.04	0.266	6.71	8.44	0.172

(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 2012-2013 NSDUHs (continued)

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Nebraska	5.97	5.47	0.422	9.13 ^a	6.24	0.014	15.61	15.07	0.767	3.66	3.68	0.973
Nevada	7.62	7.98	0.688	9.58	8.33	0.343	18.29	18.56	0.898	5.68	6.25	0.599
New Hampshire	10.23	9.79	0.679	11.79	9.62	0.135	27.31	27.77	0.846	7.36	6.99	0.773
New Jersey	5.05	5.21	0.793	7.33 ^b	5.38	0.054	17.89	15.48	0.213	2.93	3.64	0.293
New Mexico	7.37 ^b	9.04	0.069	10.35	9.22	0.451	18.98	19.33	0.866	4.74 ^a	7.23	0.027
New York	7.34 ^b	8.28	0.057	8.76	8.12	0.397	21.44	20.37	0.360	4.82 ^a	6.20	0.024
North Carolina	5.89	6.17	0.677	8.44	6.67	0.118	17.22	16.64	0.764	3.66	4.36	0.351
North Dakota	5.35	5.19	0.795	7.58 ^a	5.19	0.036	15.35	14.04	0.483	2.94	3.26	0.645
Ohio	6.49 ^a	7.60	0.015	8.74 ^a	7.36	0.043	18.22	18.76	0.624	4.17 ^a	5.79	0.003
Oklahoma	5.58	5.56	0.981	8.13 ^a	5.16	0.005	15.51	14.43	0.568	3.31	4.03	0.351
Oregon	8.88 ^a	11.92	0.007	9.31	9.59	0.844	22.17	23.39	0.579	6.57 ^a	10.37	0.005
Pennsylvania	5.64 ^a	6.46	0.047	8.18 ^a	6.81	0.050	17.66	19.01	0.219	3.37 ^a	4.34	0.042
Rhode Island	9.56 ^a	14.08	0.000	10.86	12.95	0.217	29.93	29.79	0.960	5.70 ^a	11.18	0.000
South Carolina	5.65 ^b	6.87	0.059	7.25	7.11	0.899	16.46	18.75	0.248	3.52 ^b	4.81	0.072
South Dakota	5.24	5.03	0.738	9.57 ^a	5.13	0.000	14.66	12.68	0.256	2.74	3.67	0.205
Tennessee	4.59	5.42	0.136	6.37	6.04	0.733	13.40	15.01	0.374	2.88	3.77	0.154
Texas	4.79	5.31	0.138	6.38	5.83	0.363	12.86	13.88	0.301	2.95	3.62	0.109
Utah	4.00 ^b	5.07	0.061	5.30	5.35	0.954	9.53	10.91	0.362	2.15 ^a	3.68	0.023
Vermont	9.77 ^b	11.76	0.073	13.32	11.34	0.231	26.95	28.74	0.473	6.34 ^b	8.88	0.060
Virginia	5.96	6.29	0.625	8.43 ^a	6.05	0.036	17.70	17.03	0.727	3.73	4.49	0.312
Washington	7.41 ^a	12.28	0.000	9.11	9.81	0.602	21.22 ^b	25.56	0.053	4.82 ^a	10.39	0.000
West Virginia	5.12	5.07	0.932	8.62 ^a	5.23	0.002	14.67	14.88	0.907	3.17	3.57	0.565
Wisconsin	5.40 ^b	6.49	0.087	7.71	7.18	0.652	15.98	18.46	0.205	3.18 ^b	4.42	0.078
Wyoming	5.45	5.82	0.571	7.14	5.95	0.267	15.59	14.12	0.432	3.27	4.37	0.155

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 2012-2013 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2003 estimate and the 2012-2013 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2012-2013 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, 2012, and 2013.

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 2012-2013 NSDUHs

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Total U.S.	39.05 ^a	29.50	0.000	33.66 ^a	25.34	0.000	24.19 ^a	15.81	0.000	42.38 ^a	32.40	0.000
Northeast	36.36 ^a	27.74	0.000	30.73 ^a	23.56	0.000	20.56 ^a	13.21	0.000	39.58 ^a	30.66	0.000
Midwest	38.02 ^a	27.14	0.000	33.94 ^a	26.05	0.000	22.41 ^a	14.06	0.000	41.39 ^a	29.54	0.000
South	43.56 ^a	33.73	0.000	35.89 ^a	28.02	0.000	27.51 ^a	18.41	0.000	47.40 ^a	37.10	0.000
West	35.24 ^a	26.32	0.000	32.25 ^a	21.76	0.000	23.64 ^a	15.28	0.000	37.80 ^a	28.91	0.000
Alabama	48.47 ^a	39.26	0.000	39.58 ^a	32.10	0.003	30.97 ^a	19.80	0.000	52.76 ^a	43.53	0.001
Alaska	27.54 ^a	19.60	0.000	25.38 ^a	19.07	0.007	17.53 ^a	13.29	0.015	29.65 ^a	20.89	0.000
Arizona	40.53 ^a	25.96	0.000	34.76 ^a	21.69	0.000	26.48 ^a	14.46	0.000	43.90 ^a	28.55	0.000
Arkansas	46.86 ^a	35.59	0.000	39.51 ^a	30.76	0.001	27.94 ^a	16.67	0.000	51.23 ^a	39.43	0.000
California	36.63 ^a	28.34	0.000	32.86 ^a	20.95	0.000	25.51 ^a	16.61	0.000	39.22 ^a	31.51	0.000
Colorado	28.74 ^a	22.00	0.000	28.97 ^a	19.58	0.000	17.51 ^a	10.69	0.000	30.67 ^a	24.22	0.007
Connecticut	34.36 ^a	24.73	0.000	27.71 ^a	23.03	0.043	17.99 ^a	12.27	0.001	37.62 ^a	26.94	0.000
Delaware	37.95 ^a	28.95	0.000	30.07 ^a	21.67	0.000	22.13 ^a	12.90	0.000	41.69 ^a	32.51	0.000
District of Columbia	33.64 ^a	22.35	0.000	28.14 ^a	21.52	0.020	19.51 ^a	11.53	0.000	36.90 ^a	24.85	0.000
Florida	42.60 ^a	32.82	0.000	34.48 ^a	26.33	0.000	26.92 ^a	17.66	0.000	45.82 ^a	35.81	0.000
Georgia	44.17 ^a	35.59	0.000	35.25 ^a	29.99	0.024	30.63 ^a	20.11	0.000	47.92 ^a	39.13	0.001
Hawaii	34.25 ^a	26.45	0.000	29.60 ^a	21.60	0.001	24.59 ^a	13.16	0.000	36.43 ^a	29.08	0.006
Idaho	38.60 ^a	29.47	0.000	36.63 ^a	27.72	0.000	26.41 ^a	17.04	0.000	41.44 ^a	31.93	0.000
Illinois	38.54 ^a	29.60	0.000	33.22 ^a	26.21	0.000	22.90 ^a	14.84	0.000	42.05 ^a	32.56	0.000
Indiana	41.91 ^a	29.46	0.000	36.55 ^a	28.31	0.001	24.32 ^a	14.30	0.000	45.90 ^a	32.33	0.000
Iowa	44.24 ^a	28.01	0.000	40.63 ^a	27.43	0.000	26.80 ^a	13.97	0.000	48.03 ^a	30.59	0.000
Kansas	42.85 ^a	26.62	0.000	38.79 ^a	26.28	0.000	24.23 ^a	17.11	0.000	47.07 ^a	28.42	0.000
Kentucky	41.86 ^a	32.94	0.000	38.83 ^a	30.72	0.001	26.11 ^a	17.30	0.000	44.97 ^a	35.81	0.001
Louisiana	45.73 ^a	35.87	0.000	37.94 ^a	29.85	0.001	25.31 ^a	20.40	0.015	51.01 ^a	39.48	0.000
Maine	31.33 ^a	20.02	0.000	26.71 ^b	22.55	0.060	14.91 ^a	9.66	0.000	34.37 ^a	21.23	0.000
Maryland	35.62 ^a	29.97	0.009	30.86 ^a	23.57	0.001	22.51 ^a	15.00	0.000	38.35 ^b	33.23	0.062
Massachusetts	26.82 ^a	20.73	0.001	26.76 ^a	19.30	0.000	15.07 ^a	8.55	0.000	28.70 ^a	23.05	0.014
Michigan	35.94 ^a	24.16	0.000	32.43 ^a	22.87	0.000	20.12 ^a	12.36	0.000	39.19 ^a	26.39	0.000
Minnesota	31.11 ^a	25.03	0.003	29.53 ^a	24.61	0.026	18.15 ^a	12.05	0.001	33.69 ^a	27.22	0.013
Mississippi	49.33 ^a	37.06	0.000	38.60 ^a	32.94	0.020	31.44 ^a	24.43	0.003	54.57 ^a	39.95	0.000
Missouri	36.69 ^a	28.60	0.000	33.96 ^a	26.39	0.001	22.99 ^a	13.28	0.000	39.49 ^a	31.50	0.003
Montana	33.27 ^a	25.15	0.000	28.46 ^b	24.78	0.095	18.13 ^a	10.51	0.000	36.66 ^a	27.61	0.000

(continued)

Table 4 Perceptions of Great Risk of Smoking Marijuana Once a Month, by Age Group and State: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2003 and 2012-2013 NSDUHs (continued)

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Nebraska	41.65 ^a	27.98	0.000	33.50 ^a	26.30	0.002	27.59 ^a	14.76	0.000	45.53 ^a	30.55	0.000
Nevada	34.02 ^a	28.57	0.009	33.52 ^a	22.37	0.000	22.76 ^a	15.90	0.001	35.86 ^b	31.39	0.085
New Hampshire	28.34 ^a	19.86	0.000	22.61	20.00	0.202	12.94 ^a	7.87	0.000	31.53 ^a	21.76	0.000
New Jersey	41.79 ^a	33.22	0.000	35.58 ^a	24.69	0.000	23.13 ^a	14.95	0.000	45.25 ^a	37.03	0.003
New Mexico	39.36 ^a	27.50	0.000	30.44 ^a	23.39	0.004	23.00 ^a	15.89	0.000	43.80 ^a	30.07	0.000
New York	36.10 ^a	28.83	0.000	30.29 ^a	22.88	0.000	22.59 ^a	14.24	0.000	39.08 ^a	32.07	0.000
North Carolina	44.10 ^a	30.68	0.000	36.16 ^a	25.09	0.000	25.34 ^a	16.50	0.000	48.29 ^a	33.76	0.000
North Dakota	38.86 ^a	29.09	0.000	34.58	31.43	0.218	24.34 ^a	15.52	0.000	42.50 ^a	31.81	0.000
Ohio	39.30 ^a	25.98	0.000	35.11 ^a	26.31	0.000	23.10 ^a	14.24	0.000	42.66 ^a	27.91	0.000
Oklahoma	42.65 ^a	29.18	0.000	35.17 ^a	29.17	0.020	27.13 ^a	18.98	0.000	46.70 ^a	31.04	0.000
Oregon	30.98 ^a	19.54	0.000	28.97 ^a	20.05	0.000	16.99 ^a	11.33	0.001	33.61 ^a	20.80	0.000
Pennsylvania	40.78 ^a	29.19	0.000	32.97 ^a	26.95	0.000	21.48 ^a	14.59	0.000	44.91 ^a	31.89	0.000
Rhode Island	31.91 ^a	22.18	0.000	25.90 ^a	20.46	0.013	16.38 ^a	10.79	0.000	35.48 ^a	24.59	0.000
South Carolina	43.44 ^a	32.90	0.000	36.41 ^a	27.83	0.000	24.77 ^a	17.63	0.001	47.68 ^a	36.13	0.000
South Dakota	37.53 ^a	29.39	0.000	35.30 ^a	29.36	0.018	21.83 ^a	17.13	0.017	40.94 ^a	31.57	0.000
Tennessee	42.06 ^a	35.85	0.003	35.74 ^a	29.01	0.006	26.26 ^a	18.68	0.000	45.53 ^a	39.52	0.020
Texas	45.42 ^a	37.12	0.000	36.30 ^a	28.65	0.000	30.65 ^a	20.70	0.000	49.77 ^a	41.48	0.000
Utah	42.42 ^a	33.58	0.000	42.42 ^a	35.29	0.011	29.72 ^a	21.03	0.000	46.15 ^a	36.20	0.000
Vermont	27.52 ^a	22.42	0.010	23.08	21.06	0.347	12.08	9.67	0.117	30.78 ^a	24.78	0.016
Virginia	40.45 ^a	26.15	0.000	36.17 ^a	25.24	0.000	23.35 ^a	13.69	0.000	43.80 ^a	28.41	0.000
Washington	26.80 ^a	18.70	0.000	26.99 ^a	19.06	0.000	16.30 ^a	11.34	0.002	28.57 ^a	19.90	0.000
West Virginia	46.64 ^a	33.18	0.000	33.04 ^a	28.63	0.050	25.76 ^a	16.23	0.000	51.58 ^a	36.24	0.000
Wisconsin	34.52 ^a	25.98	0.000	31.12 ^b	27.13	0.086	19.86 ^a	14.89	0.007	37.63 ^a	27.70	0.000
Wyoming	38.88 ^a	28.25	0.000	34.88 ^a	28.83	0.011	21.04 ^a	15.64	0.005	42.85 ^a	30.39	0.000

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2012-2013 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2003 estimate and the 2012-2013 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2012-2013 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, 2012, and 2013.

Table 5 First Use of Marijuana, by Age Group and State: Average Annual Incidence Estimates (Expressed as Percentages) and P Values from Tests of Differences between Rates, 2002-2003 and 2012-2013 NSDUHs

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Total U.S.	1.81	1.89	0.103	6.57 ^a	5.76	0.000	6.82 ^a	7.50	0.006	0.13 ^a	0.22	0.003
Northeast	1.85 ^b	2.00	0.065	7.10 ^a	6.05	0.000	7.75 ^b	8.56	0.068	0.12 ^a	0.23	0.011
Midwest	1.88	1.93	0.495	6.47 ^a	5.70	0.000	7.35	7.72	0.286	0.13 ^a	0.21	0.028
South	1.70	1.68	0.784	6.50 ^a	5.39	0.000	6.25	6.62	0.253	0.12	0.18	0.119
West	1.89 ^a	2.14	0.011	6.38	6.20	0.578	6.58 ^a	7.98	0.002	0.15 ^a	0.28	0.023
Alabama	1.55	1.43	0.417	5.97 ^b	4.78	0.094	6.23	5.91	0.736	0.09	0.13	0.364
Alaska	2.68	2.79	0.739	7.77 ^b	6.01	0.054	8.43	8.38	0.974	0.16 ^a	0.50	0.002
Arizona	1.73	2.03	0.126	6.42	6.53	0.894	6.01	7.28	0.250	0.14 ^a	0.26	0.043
Arkansas	1.72	1.74	0.887	6.67	5.80	0.260	7.11	6.03	0.306	0.10 ^a	0.19	0.049
California	1.79 ^a	2.12	0.013	5.88	6.01	0.785	6.27 ^a	8.37	0.003	0.14 ^b	0.26	0.079
Colorado	2.31	2.71	0.128	7.59	7.92	0.741	8.10	9.94	0.213	0.20 ^b	0.38	0.066
Connecticut	2.03	2.31	0.189	8.31	7.37	0.320	8.22	9.10	0.525	0.13 ^b	0.24	0.059
Delaware	1.89 ^b	2.27	0.071	7.94	7.39	0.550	7.21	9.09	0.160	0.12 ^a	0.24	0.017
District of Columbia	1.96 ^a	3.05	0.000	6.89 ^a	9.07	0.023	8.17 ^b	10.85	0.081	0.17 ^a	0.46	0.014
Florida	1.58	1.66	0.383	6.75	6.14	0.185	6.44	7.01	0.347	0.12	0.19	0.135
Georgia	1.61	1.74	0.442	5.93	5.50	0.575	4.76	6.21	0.119	0.13	0.17	0.341
Hawaii	1.98	2.00	0.928	7.02	6.60	0.671	8.90	7.50	0.344	0.07 ^a	0.38	0.002
Idaho	1.93	1.80	0.499	6.36	5.56	0.297	5.43	5.78	0.707	0.13	0.22	0.131
Illinois	1.76	1.83	0.521	6.24 ^b	5.49	0.088	6.87	7.63	0.258	0.13 ^b	0.21	0.085
Indiana	1.71	1.95	0.241	5.48	5.27	0.780	7.54	7.80	0.824	0.13 ^b	0.21	0.088
Iowa	1.62	1.72	0.591	5.37	5.08	0.691	7.15	7.72	0.624	0.11	0.18	0.109
Kansas	1.70	1.62	0.647	5.13	4.30	0.212	7.68	6.55	0.327	0.11	0.18	0.122
Kentucky	1.67	1.55	0.497	6.95 ^a	4.58	0.001	6.29	6.64	0.743	0.12	0.17	0.214
Louisiana	1.76	1.59	0.328	5.64	5.03	0.401	7.91 ^b	6.10	0.091	0.09	0.16	0.108
Maine	2.20	2.18	0.912	8.31 ^a	6.30	0.022	10.35	10.60	0.872	0.13 ^a	0.27	0.025
Maryland	1.86	2.17	0.117	6.67	6.83	0.849	7.16	8.65	0.214	0.13 ^b	0.21	0.100
Massachusetts	2.06 ^a	2.57	0.027	7.74	6.56	0.178	8.17 ^a	11.80	0.017	0.16 ^b	0.29	0.052
Michigan	2.06 ^a	2.42	0.005	6.78	6.98	0.664	7.66	8.71	0.134	0.14 ^a	0.25	0.029
Minnesota	2.06	1.78	0.188	6.86 ^a	4.77	0.005	7.15	7.76	0.627	0.15 ^b	0.25	0.088
Mississippi	1.43	1.49	0.737	4.55	4.46	0.889	5.33	5.85	0.572	0.09	0.13	0.276
Missouri	2.02	1.95	0.712	7.10	6.23	0.280	7.26	7.89	0.602	0.14	0.20	0.181
Montana	2.55 ^a	2.07	0.040	9.08 ^a	6.12	0.001	10.20	8.75	0.328	0.12 ^a	0.26	0.027

(continued)

Table 5 First Use of Marijuana, by Age Group and State: Average Annual Incidence Estimates (Expressed as Percentages) and P Values from Tests of Differences between Rates, 2002-2003 and 2012-2013 NSDUHs (continued)

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Nebraska	1.76	1.63	0.489	6.63	5.54	0.191	5.99	5.97	0.984	0.11	0.19	0.123
Nevada	2.02	1.98	0.858	8.42 ^a	6.07	0.009	6.08	7.54	0.203	0.15 ^b	0.27	0.066
New Hampshire	2.58	2.92	0.243	8.82	7.83	0.339	11.14	13.17	0.271	0.16 ^b	0.32	0.064
New Jersey	1.57	1.66	0.588	6.62	5.44	0.147	5.97	7.17	0.270	0.12	0.18	0.171
New Mexico	2.35	2.26	0.752	8.26	8.01	0.826	10.49 ^a	6.97	0.027	0.14 ^b	0.31	0.084
New York	1.88	1.91	0.832	6.85 ^a	5.82	0.026	8.02	7.66	0.623	0.12 ^a	0.25	0.011
North Carolina	1.81	1.61	0.269	7.81 ^a	5.20	0.003	6.81	6.47	0.745	0.11	0.16	0.168
North Dakota	1.97 ^a	1.58	0.047	6.96 ^a	3.95	0.000	8.45	6.95	0.224	0.09 ^b	0.19	0.056
Ohio	1.86	2.00	0.229	6.62 ^b	5.81	0.061	7.30	8.05	0.282	0.12 ^a	0.22	0.027
Oklahoma	1.79	1.64	0.389	6.33 ^a	4.86	0.039	6.67	6.06	0.564	0.10 ^a	0.20	0.036
Oregon	1.95 ^a	2.59	0.010	6.94	6.90	0.968	7.53	8.93	0.291	0.14 ^a	0.40	0.001
Pennsylvania	1.72	1.84	0.272	6.65 ^a	5.74	0.036	7.51	8.46	0.177	0.10 ^a	0.19	0.031
Rhode Island	2.14 ^a	2.85	0.009	7.89	8.17	0.776	10.02	10.90	0.619	0.15 ^a	0.32	0.024
South Carolina	1.85	1.92	0.702	6.56	6.65	0.916	8.05	7.04	0.393	0.10 ^b	0.18	0.083
South Dakota	2.23 ^a	1.44	0.000	8.39 ^a	4.20	0.000	8.58 ^a	6.31	0.045	0.10 ^b	0.17	0.098
Tennessee	1.38	1.51	0.440	5.09	5.18	0.903	5.50	5.90	0.687	0.10	0.16	0.180
Texas	1.78	1.62	0.185	6.52 ^a	4.79	0.000	5.55	6.34	0.190	0.14	0.17	0.613
Utah	1.77 ^a	1.37	0.037	4.50	3.53	0.140	5.26	4.14	0.196	0.13	0.17	0.551
Vermont	2.70	2.73	0.918	10.35 ^a	8.12	0.040	10.44	11.35	0.609	0.15 ^a	0.31	0.038
Virginia	1.93	1.91	0.901	7.34 ^a	5.68	0.044	7.50	7.76	0.826	0.12 ^b	0.21	0.053
Washington	2.07	2.25	0.412	7.14	6.54	0.498	7.11	8.27	0.337	0.16 ^a	0.31	0.038
West Virginia	1.53	1.44	0.542	7.29 ^a	5.45	0.018	6.27	6.03	0.806	0.09 ^b	0.17	0.086
Wisconsin	2.06	1.86	0.347	7.17	6.16	0.227	8.25	6.95	0.269	0.12 ^b	0.21	0.071
Wyoming	1.92	1.69	0.265	6.44	5.49	0.230	7.06	6.21	0.452	0.12 ^a	0.22	0.039

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 2012-2013 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

NOTE: *Average annual initiation of marijuana (%)* = $100 * \{[X_1 \div (0.5 * X_1 + X_2)] \div 2\}$, where X_1 is the number of marijuana initiates in the past 24 months and X_2 is the number of individuals 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.

^a Difference between the 2002-2003 estimate and the 2012-2013 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2012-2013 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, 2012, and 2013.

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 2012-2013 NSDUHs

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Total U.S.	3.73 ^a	3.36	0.002	5.70 ^a	3.36	0.000	8.17 ^a	6.88	0.000	2.68	2.75	0.620
Northeast	3.38 ^b	3.07	0.076	5.35 ^a	2.84	0.000	8.51 ^a	7.03	0.001	2.31	2.43	0.558
Midwest	3.48 ^a	3.12	0.013	5.48 ^a	3.19	0.000	7.81 ^a	6.70	0.001	2.43	2.50	0.704
South	3.83 ^a	3.35	0.002	5.85 ^a	3.54	0.000	8.38 ^a	6.81	0.000	2.76	2.74	0.915
West	4.11	3.81	0.194	5.97 ^a	3.61	0.000	7.93 ^b	7.03	0.054	3.14	3.26	0.660
Alabama	3.72	3.86	0.762	5.36 ^b	3.98	0.077	8.06	7.47	0.585	2.73	3.22	0.378
Alaska	4.00 ^a	2.96	0.023	5.39 ^a	2.99	0.002	8.51 ^b	6.65	0.093	2.97	2.27	0.199
Arizona	4.66	3.89	0.166	7.22 ^a	3.83	0.000	8.98 ^b	6.84	0.067	3.51	3.38	0.848
Arkansas	3.92	3.75	0.716	6.54 ^a	4.21	0.010	9.24 ^b	7.18	0.073	2.62	3.11	0.373
California	3.94	3.88	0.855	5.79 ^a	3.59	0.000	7.02	6.85	0.807	3.11	3.37	0.544
Colorado	4.67	3.94	0.178	6.47 ^a	3.72	0.002	9.80	8.03	0.165	3.53	3.28	0.700
Connecticut	3.25	2.70	0.169	5.35 ^a	2.54	0.000	7.57	6.78	0.453	2.35	2.08	0.566
Delaware	3.91	3.39	0.246	6.02 ^a	3.08	0.000	10.12	8.37	0.184	2.58	2.58	0.996
District of Columbia	4.06 ^a	5.77	0.016	4.22	5.40	0.180	6.65	7.27	0.598	3.54 ^a	5.46	0.028
Florida	3.70 ^a	3.06	0.037	5.17 ^a	3.05	0.000	8.41	7.37	0.147	2.85	2.41	0.228
Georgia	3.97	4.08	0.833	5.54 ^b	4.13	0.096	8.05	6.94	0.326	3.01	3.57	0.374
Hawaii	3.46	3.51	0.914	6.53 ^a	3.99	0.011	6.93	6.89	0.973	2.49	2.93	0.504
Idaho	3.73 ^a	2.67	0.009	5.66 ^a	2.67	0.000	7.42	6.70	0.498	2.65	1.96	0.151
Illinois	3.30 ^b	2.83	0.079	5.22 ^a	2.92	0.000	7.50 ^a	6.02	0.022	2.29	2.28	0.982
Indiana	3.56	3.43	0.739	5.69 ^a	3.18	0.001	8.30	7.97	0.776	2.39	2.65	0.568
Iowa	3.17	2.72	0.244	4.37 ^a	2.82	0.024	7.35	6.41	0.373	2.21	2.05	0.732
Kansas	3.11	2.75	0.358	4.49 ^a	2.95	0.033	6.66	5.68	0.304	2.21	2.20	0.977
Kentucky	4.38 ^a	3.17	0.009	6.67 ^a	2.73	0.000	9.83 ^b	7.75	0.099	3.14	2.47	0.208
Louisiana	4.24	4.05	0.699	6.14 ^b	4.35	0.051	8.78 ^b	6.77	0.065	3.04	3.52	0.425
Maine	3.82 ^a	2.81	0.020	5.36 ^a	2.73	0.000	10.00 ^b	7.86	0.076	2.70	2.12	0.253
Maryland	3.44	3.12	0.460	4.87 ^a	3.28	0.034	7.66	6.64	0.346	2.58	2.52	0.918
Massachusetts	3.63	3.04	0.164	6.40 ^a	3.09	0.000	10.20 ^a	6.82	0.005	2.25	2.37	0.795
Michigan	3.62	3.53	0.763	6.44 ^a	3.86	0.000	7.76	6.70	0.106	2.50	2.94	0.251
Minnesota	3.21 ^b	2.47	0.061	5.27 ^a	2.54	0.000	7.23	5.87	0.197	2.19	1.90	0.532
Mississippi	3.60	3.63	0.950	6.26 ^a	3.91	0.009	7.39	6.76	0.556	2.43	3.02	0.285
Missouri	4.16 ^a	3.13	0.019	5.40 ^a	3.41	0.009	8.91 ^b	6.98	0.080	3.15	2.44	0.185
Montana	3.78 ^a	2.80	0.022	7.03 ^a	2.97	0.000	7.23	7.19	0.968	2.70	2.06	0.205

(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 2012-2013 NSDUHs (continued)

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Nebraska	3.44 ^a	2.34	0.005	5.94 ^a	2.56	0.000	8.20 ^a	5.33	0.005	2.17	1.79	0.377
Nevada	4.47	4.00	0.437	5.12	3.74	0.101	9.35 ^b	7.12	0.076	3.62	3.53	0.909
New Hampshire	4.05	3.54	0.255	6.20 ^a	3.00	0.000	11.72	10.04	0.247	2.57	2.58	0.980
New Jersey	3.40	2.88	0.212	5.15 ^a	2.77	0.001	9.12	7.39	0.153	2.36	2.21	0.761
New Mexico	4.57	3.74	0.157	6.26 ^a	4.26	0.036	9.94 ^a	6.01	0.002	3.30	3.27	0.966
New York	3.10	3.10	0.998	4.87 ^a	2.70	0.000	7.53	6.82	0.302	2.14	2.49	0.296
North Carolina	3.96	3.34	0.180	6.90 ^a	3.48	0.000	8.28	7.41	0.443	2.85	2.64	0.699
North Dakota	3.30	2.79	0.206	5.76 ^a	2.41	0.000	6.93	5.76	0.246	2.19	2.18	0.984
Ohio	3.44	3.61	0.565	5.27 ^a	3.31	0.000	7.87	7.58	0.676	2.42	2.99	0.118
Oklahoma	4.41 ^a	3.40	0.037	6.33 ^a	3.17	0.000	10.88 ^a	7.30	0.004	2.89	2.73	0.782
Oregon	4.29	4.07	0.680	5.55 ^b	4.03	0.063	9.38	7.86	0.205	3.26	3.47	0.733
Pennsylvania	3.44	3.14	0.279	5.51 ^a	2.95	0.000	8.04 ^b	6.76	0.064	2.43	2.56	0.709
Rhode Island	4.64	4.27	0.509	5.50 ^b	3.85	0.065	13.37 ^a	8.56	0.001	2.94	3.49	0.397
South Carolina	3.58	3.69	0.828	5.30	4.09	0.140	8.73	7.04	0.143	2.44	3.07	0.284
South Dakota	3.29 ^a	2.44	0.033	6.38 ^a	2.46	0.000	7.81 ^a	5.42	0.024	1.95	1.92	0.954
Tennessee	3.64	3.16	0.248	5.46 ^a	3.40	0.008	7.40	6.91	0.643	2.78	2.51	0.600
Texas	3.89 ^a	3.23	0.026	6.19 ^a	3.65	0.000	8.33 ^a	5.97	0.001	2.66	2.65	0.986
Utah	3.74	3.16	0.158	5.35 ^a	2.93	0.001	7.30	6.27	0.324	2.39	2.48	0.857
Vermont	3.87	3.37	0.277	6.78 ^a	3.64	0.000	9.22	7.86	0.257	2.56	2.57	0.984
Virginia	3.54	2.90	0.114	5.83 ^a	3.11	0.000	7.95 ^b	6.02	0.058	2.51	2.35	0.731
Washington	4.22	4.02	0.678	6.12 ^a	3.70	0.003	9.77	8.05	0.162	3.01	3.39	0.520
West Virginia	3.51 ^a	2.45	0.005	6.07 ^a	2.39	0.000	8.09	6.63	0.160	2.48	1.82	0.135
Wisconsin	3.63	3.08	0.203	5.59 ^a	3.45	0.011	8.23	6.89	0.239	2.54	2.41	0.801
Wyoming	3.67 ^a	2.25	0.001	5.12 ^a	2.60	0.000	8.14 ^a	5.04	0.003	2.61 ^b	1.73	0.073

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 2012-2013 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.

^a Difference between the 2002-2003 estimate and the 2012-2013 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2012-2013 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, 2012, and 2013.

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 2012-2013 NSDUHs

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Total U.S.	2.50 ^a	1.69	0.000	1.90 ^a	0.63	0.000	6.67 ^a	4.53	0.000	1.85 ^a	1.34	0.000
Northeast	2.52 ^a	1.93	0.000	1.67 ^a	0.60	0.000	7.17 ^a	5.26	0.000	1.89 ^a	1.53	0.044
Midwest	2.50 ^a	1.39	0.000	1.93 ^a	0.47	0.000	6.71 ^a	3.51	0.000	1.83 ^a	1.15	0.000
South	2.41 ^a	1.56	0.000	1.96 ^a	0.62	0.000	6.11 ^a	3.89	0.000	1.83 ^a	1.28	0.000
West	2.62 ^a	2.00	0.000	1.96 ^a	0.79	0.000	7.10 ^a	5.88	0.010	1.89 ^a	1.47	0.028
Alabama	2.25 ^a	1.19	0.001	1.66 ^a	0.46	0.000	5.49 ^a	2.59	0.001	1.75 ^a	1.04	0.045
Alaska	2.40 ^a	1.58	0.020	2.44 ^a	0.65	0.000	8.37 ^a	4.44	0.001	1.38	1.16	0.592
Arizona	3.45 ^a	2.22	0.009	3.24 ^a	1.13	0.000	8.53 ^b	6.08	0.064	2.57	1.69	0.103
Arkansas	2.17 ^a	1.31	0.002	1.86 ^a	0.55	0.000	6.05 ^a	2.99	0.000	1.52	1.12	0.210
California	2.54 ^b	2.10	0.076	1.70 ^a	0.79	0.000	6.61	6.23	0.611	1.92	1.50	0.150
Colorado	3.90 ^a	2.67	0.012	2.64 ^a	0.88	0.000	10.29	8.14	0.157	2.96 ^b	1.97	0.074
Connecticut	2.13	1.99	0.666	1.82 ^a	0.60	0.000	7.02	6.33	0.569	1.46	1.47	0.977
Delaware	2.76 ^a	1.70	0.003	1.61 ^a	0.48	0.000	7.38 ^a	4.74	0.017	2.12 ^b	1.32	0.053
District of Columbia	3.58	3.28	0.659	0.65 ^a	0.33	0.050	4.55	5.16	0.530	3.65	3.08	0.496
Florida	2.53 ^a	1.82	0.004	1.94 ^a	0.69	0.000	6.83 ^a	5.15	0.015	1.99 ^b	1.44	0.055
Georgia	2.47 ^b	1.82	0.053	1.68 ^a	0.54	0.000	5.26 ^a	3.40	0.032	2.08	1.71	0.357
Hawaii	1.76	1.61	0.623	1.70 ^a	0.66	0.007	5.52	4.39	0.267	1.17	1.27	0.746
Idaho	1.64 ^a	1.12	0.030	1.80 ^a	0.49	0.000	5.03 ^b	3.34	0.060	0.92	0.83	0.700
Illinois	2.44 ^a	1.71	0.003	1.67 ^a	0.46	0.000	6.53 ^a	3.86	0.000	1.82	1.50	0.277
Indiana	2.57 ^a	1.38	0.000	2.00 ^a	0.57	0.000	7.20 ^a	4.11	0.003	1.80 ^a	1.01	0.023
Iowa	2.23 ^a	1.36	0.002	2.18 ^a	0.59	0.000	6.43 ^a	3.69	0.006	1.44	1.04	0.167
Kansas	2.21 ^a	1.36	0.002	1.80 ^a	0.58	0.000	6.31 ^a	3.55	0.005	1.48	1.07	0.175
Kentucky	2.56 ^a	1.55	0.001	2.05 ^a	0.59	0.000	6.59 ^a	4.22	0.019	1.93 ^a	1.23	0.045
Louisiana	2.78 ^a	1.76	0.006	1.65 ^a	0.60	0.000	5.38 ^a	3.39	0.016	2.42 ^b	1.61	0.069
Maine	2.30 ^a	1.50	0.005	2.18 ^a	0.58	0.000	8.05 ^a	5.01	0.009	1.46	1.10	0.253
Maryland	2.05 ^b	1.46	0.060	1.38 ^a	0.52	0.000	4.80	3.80	0.246	1.70	1.19	0.168
Massachusetts	2.85	2.27	0.126	2.05 ^a	0.74	0.000	7.88	5.99	0.123	2.14	1.79	0.423
Michigan	2.59 ^a	1.08	0.000	2.08 ^a	0.35	0.000	6.26 ^a	2.73	0.000	2.03 ^a	0.89	0.000
Minnesota	2.51 ^a	1.31	0.000	2.35 ^a	0.50	0.000	7.47 ^a	3.35	0.000	1.64 ^b	1.08	0.070
Mississippi	2.05 ^a	1.41	0.046	1.18 ^a	0.51	0.004	4.18 ^a	2.68	0.041	1.75	1.29	0.238
Missouri	2.90 ^a	1.06	0.000	2.03 ^a	0.42	0.000	7.19 ^a	2.75	0.000	2.27 ^a	0.85	0.000
Montana	2.48 ^a	1.54	0.001	2.51 ^a	0.78	0.000	7.30 ^a	4.82	0.021	1.62 ^b	1.09	0.089

(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 2012-2013 NSDUHs (continued)

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Nebraska	2.12 ^a	1.25	0.001	2.16 ^a	0.52	0.000	5.72 ^a	3.56	0.013	1.42 ^b	0.93	0.097
Nevada	2.38 ^a	1.46	0.002	1.97 ^a	0.64	0.000	7.35 ^a	3.91	0.002	1.66	1.17	0.126
New Hampshire	2.97 ^a	1.96	0.004	2.66 ^a	0.82	0.000	10.17 ^a	6.86	0.013	1.89	1.31	0.140
New Jersey	2.25 ^b	1.68	0.061	1.78 ^a	0.65	0.000	6.49	5.04	0.190	1.71	1.29	0.224
New Mexico	3.07 ^a	2.13	0.022	2.81 ^a	0.95	0.000	10.03 ^a	5.32	0.001	1.81	1.73	0.850
New York	2.59 ^b	2.08	0.052	1.41 ^a	0.61	0.000	6.93 ^a	5.53	0.044	2.02	1.65	0.229
North Carolina	2.43 ^a	1.63	0.014	1.92 ^a	0.68	0.000	6.42 ^a	4.24	0.028	1.83	1.31	0.157
North Dakota	1.94 ^a	1.41	0.043	1.95 ^a	0.65	0.000	5.94 ^a	3.30	0.004	1.10	1.08	0.963
Ohio	2.53 ^a	1.59	0.000	1.69 ^a	0.47	0.000	6.99 ^a	3.98	0.000	1.88 ^b	1.33	0.054
Oklahoma	2.02 ^a	1.13	0.001	1.86 ^a	0.43	0.000	5.99 ^a	2.98	0.001	1.27	0.89	0.154
Oregon	2.45 ^a	1.79	0.034	1.91 ^a	0.79	0.001	7.25	5.82	0.232	1.71	1.27	0.194
Pennsylvania	2.37 ^a	1.69	0.010	1.49 ^a	0.45	0.000	6.62 ^a	4.06	0.000	1.79	1.44	0.250
Rhode Island	3.79 ^a	2.16	0.000	2.10 ^a	0.54	0.000	12.05 ^a	5.45	0.000	2.50	1.71	0.127
South Carolina	2.64 ^a	1.60	0.004	1.71 ^a	0.49	0.000	6.36 ^a	3.72	0.005	2.11 ^b	1.38	0.077
South Dakota	1.89 ^a	1.09	0.001	2.41 ^a	0.50	0.000	5.49 ^a	2.72	0.001	1.10	0.87	0.357
Tennessee	2.36 ^a	1.36	0.001	1.85 ^a	0.61	0.000	6.08 ^a	3.23	0.002	1.80 ^a	1.14	0.050
Texas	2.44 ^a	1.42	0.000	2.58 ^a	0.74	0.000	6.66 ^a	4.02	0.000	1.58 ^a	1.02	0.018
Utah	1.95	1.55	0.166	1.52 ^a	0.53	0.000	4.78	3.53	0.157	1.21	1.28	0.843
Vermont	2.98 ^a	2.00	0.006	2.81 ^a	0.82	0.000	9.73 ^a	6.35	0.013	1.85	1.37	0.218
Virginia	2.24 ^a	1.49	0.014	1.72 ^a	0.50	0.000	5.52 ^a	3.39	0.016	1.78	1.28	0.143
Washington	2.11	1.70	0.132	1.77 ^a	0.68	0.000	7.15 ^b	5.30	0.095	1.29	1.23	0.832
West Virginia	2.30 ^a	1.43	0.005	2.61 ^a	0.54	0.000	7.42 ^a	3.93	0.001	1.44	1.15	0.375
Wisconsin	2.45 ^a	1.40	0.001	1.98 ^a	0.49	0.000	6.62 ^a	3.47	0.001	1.77 ^b	1.17	0.077
Wyoming	2.21 ^a	1.27	0.000	1.80 ^a	0.62	0.000	7.60 ^a	3.88	0.000	1.25	0.90	0.183

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 2012-2013 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2003 estimate and the 2012-2013 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2012-2013 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, 2012, and 2013.

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 2012-2013 NSDUHs

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Total U.S.	4.79 ^a	4.51	0.035	7.61 ^a	5.00	0.000	11.70 ^a	9.47	0.000	3.20 ^a	3.60	0.011
Northeast	4.05	3.90	0.445	6.37 ^a	4.05	0.000	11.22 ^a	8.64	0.000	2.62 ^a	3.09	0.042
Midwest	4.58	4.34	0.148	7.53 ^a	4.82	0.000	11.68 ^a	9.41	0.000	2.90 ^a	3.41	0.013
South	4.92 ^a	4.51	0.019	7.88 ^a	5.16	0.000	12.08 ^a	9.42	0.000	3.27	3.59	0.126
West	5.42	5.14	0.324	8.23 ^a	5.57	0.000	11.51 ^a	10.19	0.028	3.90	4.19	0.401
Alabama	4.89	5.42	0.305	8.01	6.32	0.123	12.98	11.02	0.202	3.03 ^a	4.35	0.030
Alaska	5.34	4.91	0.433	8.09 ^a	5.38	0.013	12.72	10.65	0.189	3.58	3.77	0.770
Arizona	6.07	5.82	0.710	9.35 ^b	7.03	0.075	13.91 ^b	11.04	0.090	4.18	4.75	0.484
Arkansas	5.03	5.38	0.524	7.95	7.15	0.494	13.38	11.53	0.277	3.15	4.11	0.129
California	5.20	5.20	0.994	7.53 ^a	5.25	0.000	9.79	10.30	0.573	4.02	4.25	0.637
Colorado	6.08 ^b	5.08	0.096	8.98 ^a	6.35	0.042	13.94 ^a	10.72	0.046	4.31	3.97	0.620
Connecticut	4.03	3.56	0.299	5.70 ^a	3.86	0.029	11.54 ^a	8.52	0.031	2.72	2.73	0.985
Delaware	5.12	4.87	0.624	7.30 ^b	5.60	0.090	13.90 ^a	10.65	0.037	3.33	3.81	0.429
District of Columbia	3.52 ^a	4.62	0.049	5.26	5.11	0.875	6.73	7.78	0.400	2.73 ^b	3.88	0.082
Florida	4.85 ^a	3.61	0.000	7.03 ^a	4.44	0.000	12.83 ^a	7.83	0.000	3.45	2.88	0.146
Georgia	5.12	4.58	0.322	8.41 ^a	5.07	0.002	10.66	8.74	0.189	3.64	3.78	0.834
Hawaii	3.90	4.54	0.277	6.52	5.51	0.366	9.41	9.90	0.745	2.67	3.60	0.177
Idaho	5.63 ^a	4.45	0.021	8.72 ^a	5.47	0.002	13.57 ^a	10.03	0.027	3.48	3.33	0.786
Illinois	4.02	3.57	0.141	6.76 ^a	3.81	0.000	10.92 ^a	8.02	0.000	2.42	2.79	0.288
Indiana	5.88	5.28	0.318	8.37 ^a	5.71	0.013	15.82 ^a	12.23	0.045	3.70	3.99	0.665
Iowa	3.42	3.93	0.247	6.28 ^b	4.61	0.071	8.78	9.13	0.806	2.02 ^b	2.93	0.075
Kansas	4.36	3.65	0.114	6.14 ^b	4.43	0.062	10.84 ^a	7.59	0.020	2.84	2.83	0.980
Kentucky	6.50 ^a	4.61	0.001	9.96 ^a	4.64	0.000	17.48 ^a	9.73	0.000	4.16	3.76	0.529
Louisiana	5.16	4.85	0.542	7.46 ^b	5.58	0.062	13.19 ^a	8.92	0.006	3.20	4.02	0.172
Maine	4.61 ^b	3.80	0.071	7.16 ^a	4.35	0.003	14.07 ^a	8.92	0.001	2.87	3.02	0.759
Maryland	4.03	4.18	0.748	5.95 ^b	4.46	0.077	10.52	8.49	0.147	2.75	3.44	0.201
Massachusetts	5.28 ^a	3.71	0.002	7.78 ^a	4.14	0.000	14.68 ^a	8.53	0.000	3.47	2.81	0.234
Michigan	5.18	4.77	0.270	9.70 ^a	5.86	0.000	11.90 ^a	10.11	0.035	3.37	3.71	0.446
Minnesota	3.93	3.59	0.444	6.37 ^a	3.97	0.004	8.79	7.90	0.514	2.70	2.84	0.776
Mississippi	4.40	4.66	0.573	8.48 ^a	5.45	0.003	10.05	9.64	0.776	2.64 ^b	3.65	0.057
Missouri	5.17	4.71	0.357	7.75 ^a	5.25	0.015	12.93	10.97	0.217	3.44	3.58	0.808
Montana	4.22	3.93	0.538	8.06 ^a	5.23	0.006	10.19	9.36	0.567	2.61	2.90	0.572

(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 2012-2013 NSDUHs (continued)

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Nebraska	3.82	3.62	0.649	7.31 ^a	4.62	0.006	10.05	7.88	0.117	2.11	2.74	0.193
Nevada	5.66	5.27	0.526	9.61 ^a	5.27	0.000	13.30 ^b	10.41	0.085	3.93	4.45	0.467
New Hampshire	5.33 ^a	4.27	0.026	7.91 ^a	4.87	0.002	16.19 ^a	10.46	0.000	3.28	3.23	0.923
New Jersey	3.61	3.96	0.417	5.89 ^a	4.08	0.033	9.95	9.47	0.726	2.42	3.12	0.165
New Mexico	5.18	5.22	0.952	8.36	6.81	0.218	10.80	9.35	0.337	3.64	4.30	0.407
New York	3.72	3.89	0.617	6.02 ^a	3.54	0.000	9.78 ^a	7.82	0.014	2.43 ^a	3.24	0.038
North Carolina	5.07	5.07	0.998	8.81 ^a	5.43	0.002	12.09	10.76	0.404	3.40	4.08	0.319
North Dakota	3.54	4.07	0.264	6.34 ^b	4.62	0.055	7.76	8.22	0.728	2.27	3.10	0.121
Ohio	4.53	4.90	0.309	7.09 ^a	4.62	0.000	11.98 ^a	9.81	0.013	2.90 ^a	4.12	0.005
Oklahoma	5.81	5.43	0.532	9.24 ^a	6.04	0.008	15.12 ^a	11.62	0.041	3.53	4.24	0.301
Oregon	5.73	5.43	0.604	9.20 ^a	6.20	0.007	14.56 ^a	11.07	0.029	3.78	4.46	0.329
Pennsylvania	3.81	3.94	0.668	6.24 ^a	4.56	0.003	10.86 ^a	9.11	0.044	2.36 ^b	3.01	0.066
Rhode Island	5.91	5.29	0.313	7.42 ^b	5.45	0.060	16.95 ^a	10.58	0.000	3.71	4.26	0.443
South Carolina	4.94	4.50	0.388	7.50	5.96	0.144	11.91	9.84	0.173	3.36	3.42	0.911
South Dakota	3.68	3.90	0.613	7.63 ^a	4.82	0.006	8.75	8.96	0.883	2.09 ^b	2.90	0.098
Tennessee	4.65	4.43	0.649	9.08 ^a	5.16	0.000	11.41	9.52	0.219	2.94	3.50	0.297
Texas	4.90	4.42	0.150	7.60 ^a	5.00	0.000	11.11 ^a	9.06	0.015	3.24	3.46	0.602
Utah	5.57 ^a	4.11	0.006	7.81 ^a	4.28	0.000	11.95 ^a	7.80	0.004	3.27	3.23	0.941
Vermont	5.37 ^a	3.72	0.001	8.93 ^a	4.49	0.000	14.60 ^a	9.12	0.001	3.31	2.71	0.259
Virginia	4.35	5.13	0.130	7.93 ^a	5.31	0.012	10.75	11.26	0.745	2.84 ^a	4.06	0.038
Washington	5.86	5.00	0.123	10.19 ^a	5.71	0.000	15.25 ^a	9.58	0.001	3.66	4.17	0.421
West Virginia	5.34 ^a	3.84	0.003	8.87 ^a	4.16	0.000	15.67 ^a	8.65	0.000	3.27	3.07	0.707
Wisconsin	4.66	4.31	0.484	7.58 ^a	5.38	0.035	12.67 ^a	8.79	0.009	2.81	3.44	0.257
Wyoming	4.98 ^a	3.63	0.004	8.00 ^a	4.42	0.000	12.68 ^a	7.62	0.001	3.08	2.84	0.650

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 2012-2013 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2003 estimate and the 2012-2013 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2012-2013 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, 2012, and 2013.

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 2012-2013 NSDUHs

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Total U.S.	50.50 ^a	52.13	0.000	17.67 ^a	12.23	0.000	60.91 ^b	59.91	0.067	53.22 ^a	55.73	0.000
Northeast	55.33 ^a	57.75	0.001	19.24 ^a	13.92	0.000	66.19 ^b	64.59	0.084	58.21 ^a	61.61	0.000
Midwest	52.96 ^a	55.23	0.000	18.98 ^a	12.45	0.000	66.22 ^a	63.79	0.001	55.35 ^a	59.11	0.000
South	45.89 ^a	48.31	0.000	16.75 ^a	11.65	0.000	57.13	56.82	0.666	47.95 ^a	51.42	0.000
West	51.24	51.02	0.781	16.58 ^a	11.75	0.000	57.43	57.80	0.699	55.15	54.83	0.743
Alabama	36.83 ^a	43.63	0.001	15.00 ^a	11.21	0.011	50.96	50.89	0.980	37.27 ^a	46.38	0.001
Alaska	50.89	53.01	0.322	15.90 ^a	10.47	0.004	59.83	56.44	0.194	55.92	58.21	0.409
Arizona	50.20	51.12	0.670	18.69 ^a	12.90	0.001	58.45	57.66	0.774	53.29	54.97	0.540
Arkansas	38.93	41.44	0.221	16.71 ^a	11.00	0.000	53.79	55.10	0.622	39.34	42.96	0.165
California	50.97	49.43	0.203	15.28 ^a	11.60	0.000	55.53	57.56	0.166	55.38	52.83	0.101
Colorado	59.22	61.03	0.351	20.63 ^a	13.10	0.000	68.89	68.52	0.874	62.79	65.52	0.267
Connecticut	57.93	60.72	0.195	18.88 ^a	14.18	0.015	72.28 ^a	66.54	0.019	61.02 ^b	65.46	0.100
Delaware	53.06	55.05	0.354	18.35 ^a	11.73	0.000	62.71	61.99	0.780	55.89	58.78	0.285
District of Columbia	56.69 ^a	64.90	0.000	13.02	11.94	0.516	67.17 ^a	73.46	0.020	58.52 ^a	66.84	0.001
Florida	52.44	51.78	0.583	17.35 ^a	12.79	0.000	59.66	58.36	0.393	55.68	54.91	0.603
Georgia	46.07	47.11	0.622	15.09 ^a	11.25	0.011	52.19	52.86	0.801	49.41	50.92	0.578
Hawaii	48.71	50.15	0.515	17.96 ^a	11.22	0.000	58.57	57.41	0.684	51.28	53.23	0.482
Idaho	47.70	48.19	0.811	17.37 ^a	11.27	0.000	53.62	49.53	0.123	51.34	53.22	0.484
Illinois	51.71 ^a	55.48	0.001	18.65 ^a	12.37	0.000	64.16	63.90	0.848	54.10 ^a	59.52	0.000
Indiana	46.60 ^a	51.63	0.016	16.04 ^a	12.03	0.008	61.78	62.73	0.708	48.16 ^a	54.84	0.012
Iowa	55.37	57.46	0.320	20.18 ^a	12.42	0.000	67.28	67.60	0.897	57.79	61.18	0.206
Kansas	48.92 ^a	53.55	0.027	19.41 ^a	11.55	0.000	65.89 ^a	58.99	0.007	49.96 ^a	58.15	0.003
Kentucky	40.57 ^b	44.40	0.061	18.75 ^a	10.04	0.000	58.07	56.25	0.479	40.27 ^a	46.59	0.015
Louisiana	46.27	48.54	0.273	19.35 ^a	13.03	0.000	61.41 ^a	55.98	0.029	47.30 ^b	51.75	0.095
Maine	52.17	54.66	0.253	16.55 ^a	12.36	0.007	66.76	64.11	0.284	54.44	57.68	0.226
Maryland	54.67 ^b	58.37	0.085	17.14 ^a	13.36	0.020	64.21	64.85	0.804	58.34	62.67	0.108
Massachusetts	59.59 ^a	64.74	0.009	21.04 ^a	14.49	0.000	68.94	70.32	0.582	62.75 ^a	69.35	0.007
Michigan	53.78	54.55	0.505	19.23 ^a	12.89	0.000	66.30 ^a	63.46	0.027	56.54	58.24	0.242
Minnesota	58.45	58.85	0.838	19.54 ^a	11.90	0.000	70.68 ^a	64.69	0.015	61.73	63.59	0.466
Mississippi	35.54 ^a	42.74	0.001	14.72 ^a	11.67	0.043	50.24 ^a	56.88	0.012	35.72 ^a	44.33	0.002
Missouri	53.21	51.70	0.480	19.67 ^a	12.40	0.000	64.52	60.73	0.129	55.85	54.98	0.748
Montana	55.36 ^a	59.82	0.035	24.73 ^a	13.24	0.000	69.29	67.10	0.379	57.19 ^a	63.79	0.014

(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 2012-2013 NSDUHs (continued)

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Nebraska	53.98	56.37	0.256	22.24 ^a	11.32	0.000	68.38 ^a	63.34	0.043	55.77 ^b	60.81	0.062
Nevada	50.68 ^b	54.65	0.071	18.40 ^a	12.76	0.002	56.37	58.95	0.326	54.12 ^b	59.15	0.067
New Hampshire	59.80 ^a	65.19	0.007	21.44 ^a	14.76	0.000	71.78	73.22	0.524	63.20 ^a	69.63	0.010
New Jersey	57.73	55.48	0.297	18.77 ^a	13.64	0.003	65.06 ^a	59.07	0.024	61.72	59.98	0.519
New Mexico	47.83	50.33	0.276	20.67 ^a	11.91	0.000	60.78 ^b	56.43	0.096	49.67	54.20	0.121
New York	54.71	56.35	0.188	19.49 ^a	14.35	0.000	64.34	63.63	0.645	57.59	59.83	0.147
North Carolina	40.59 ^a	48.76	0.000	16.12 ^a	11.63	0.004	56.43	57.29	0.750	41.18 ^a	51.88	0.000
North Dakota	58.04	59.04	0.639	25.23 ^a	11.72	0.000	73.06	70.76	0.338	59.42	61.79	0.386
Ohio	51.81	53.83	0.106	17.52 ^a	11.95	0.000	65.40 ^b	62.86	0.062	54.20 ^a	57.52	0.037
Oklahoma	42.94 ^a	47.57	0.036	16.04 ^a	10.00	0.000	58.23	56.67	0.546	43.81 ^a	50.79	0.014
Oregon	53.14 ^a	57.91	0.025	17.07 ^a	12.71	0.009	65.32	61.96	0.193	55.79 ^a	62.32	0.013
Pennsylvania	51.10 ^a	56.29	0.000	18.06 ^a	13.09	0.000	64.85	64.42	0.760	53.14 ^a	59.81	0.000
Rhode Island	58.96	59.38	0.846	22.12 ^a	14.27	0.000	76.07 ^a	69.37	0.005	60.38	62.48	0.445
South Carolina	45.07 ^a	49.59	0.033	14.36 ^b	11.69	0.083	61.10	60.41	0.797	46.35 ^a	52.22	0.028
South Dakota	55.18	56.70	0.454	22.07 ^a	10.52	0.000	71.49 ^a	64.36	0.003	56.98	61.07	0.115
Tennessee	36.27	38.61	0.248	13.27 ^a	9.89	0.022	46.50	48.00	0.584	37.48	40.52	0.233
Texas	47.27	46.71	0.615	17.56 ^a	11.46	0.000	57.99	55.74	0.120	49.86	50.14	0.844
Utah	29.57	31.30	0.422	10.23	7.82	0.120	35.74	34.46	0.655	31.40	34.65	0.268
Vermont	58.43	58.82	0.856	22.00 ^a	14.83	0.000	73.45 ^b	69.27	0.088	60.69	61.68	0.711
Virginia	51.17 ^b	55.15	0.057	18.40 ^a	11.96	0.000	61.25	63.94	0.287	53.91 ^b	58.76	0.068
Washington	56.31	53.64	0.180	18.15 ^a	11.60	0.000	63.66	60.68	0.240	60.33	57.44	0.248
West Virginia	37.20	38.16	0.644	18.28 ^a	11.14	0.000	53.18	52.26	0.723	36.81	38.83	0.434
Wisconsin	57.92 ^b	61.56	0.082	21.39 ^a	15.12	0.001	72.05	68.99	0.192	60.48 ^a	65.94	0.039
Wyoming	52.14	54.89	0.196	18.30 ^a	12.31	0.003	66.48	63.69	0.291	54.35	58.38	0.137

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2012-2013 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2003 estimate and the 2012-2013 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2012-2013 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, 2012, and 2013.

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 2012-2013 NSDUHs

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Total U.S.	22.75	22.92	0.578	10.65 ^a	6.73	0.000	41.25 ^a	38.70	0.000	21.20 ^a	22.21	0.008
Northeast	23.82	24.31	0.389	11.33 ^a	7.41	0.000	44.69 ^b	43.00	0.065	22.10	23.13	0.145
Midwest	25.18	25.54	0.449	12.11 ^a	6.89	0.000	47.13 ^a	43.09	0.000	23.09 ^a	24.88	0.002
South	21.22	21.45	0.587	9.68 ^a	6.44	0.000	38.12 ^a	35.36	0.000	19.87 ^a	20.94	0.040
West	21.81	21.77	0.955	10.19 ^a	6.58	0.000	37.60	36.78	0.373	20.61	21.03	0.571
Alabama	18.10 ^a	21.43	0.022	8.23	6.55	0.119	34.97	31.66	0.151	16.45 ^a	21.50	0.007
Alaska	23.13	22.10	0.503	11.42 ^a	5.78	0.000	41.22 ^a	36.04	0.043	22.26	21.72	0.784
Arizona	24.32	22.99	0.403	11.94 ^a	6.88	0.000	41.43	38.11	0.201	23.04	22.46	0.772
Arkansas	21.76	21.02	0.631	11.31 ^a	6.63	0.000	39.76	35.91	0.111	19.99	20.31	0.869
California	21.25	21.16	0.924	9.16 ^a	6.36	0.000	35.41	35.68	0.853	20.43	20.39	0.972
Colorado	25.75	25.51	0.888	11.04 ^a	7.00	0.001	46.73	43.95	0.270	24.10	24.62	0.805
Connecticut	23.09	23.95	0.592	11.18 ^a	7.50	0.004	48.14	44.50	0.181	21.04	22.70	0.401
Delaware	23.71	22.38	0.376	10.46 ^a	6.12	0.000	42.89	40.75	0.407	22.12	21.12	0.592
District of Columbia	25.34 ^a	33.65	0.000	5.62	5.47	0.875	39.25 ^a	49.47	0.000	24.35 ^a	32.16	0.001
Florida	21.74	20.76	0.291	9.50 ^a	6.35	0.000	39.02 ^a	34.85	0.003	20.76	20.16	0.602
Georgia	20.73	19.76	0.523	8.20 ^b	6.42	0.076	33.73	30.67	0.210	20.17	19.62	0.771
Hawaii	23.68	23.02	0.709	11.93 ^a	6.19	0.000	41.12	39.21	0.488	22.47	22.31	0.938
Idaho	21.05	19.59	0.338	11.57 ^a	6.95	0.000	36.12	32.09	0.113	19.45	19.21	0.899
Illinois	25.17	26.59	0.166	11.70 ^a	6.82	0.000	46.77 ^b	44.13	0.067	23.22 ^a	26.14	0.024
Indiana	22.27	22.29	0.990	9.82 ^a	7.00	0.011	45.11 ^b	40.88	0.085	19.83	20.98	0.535
Iowa	26.34	26.27	0.967	13.85 ^a	7.25	0.000	48.87	48.23	0.803	23.72	24.72	0.641
Kansas	21.71 ^b	24.88	0.052	11.56 ^a	7.01	0.000	45.26 ^a	39.01	0.015	18.63 ^a	24.69	0.003
Kentucky	19.24 ^b	22.04	0.059	11.08 ^a	6.25	0.000	38.83	39.77	0.712	16.86 ^a	21.02	0.023
Louisiana	23.77	25.41	0.298	10.87 ^a	7.44	0.005	40.36 ^b	35.82	0.057	22.39 ^b	25.81	0.089
Maine	21.74	21.58	0.913	11.12 ^a	7.02	0.001	44.67	43.31	0.598	19.64	20.04	0.826
Maryland	21.65	23.09	0.365	9.43 ^a	6.76	0.015	39.77	39.38	0.881	20.48	22.36	0.337
Massachusetts	27.22	25.85	0.420	14.19 ^a	8.15	0.000	46.98	46.17	0.756	25.64	24.25	0.509
Michigan	24.46	24.33	0.887	12.06 ^a	6.44	0.000	44.49 ^a	41.69	0.042	22.75	23.58	0.467
Minnesota	28.07	27.09	0.550	13.27 ^a	6.55	0.000	49.84 ^b	45.49	0.091	26.22	26.57	0.865
Mississippi	19.70	19.86	0.913	8.52 ^a	6.44	0.048	32.24	33.32	0.660	18.86	19.20	0.857
Missouri	24.56	24.37	0.906	12.61 ^a	7.46	0.000	43.89	40.74	0.218	22.80	23.66	0.671
Montana	27.41	25.28	0.195	17.85 ^a	7.31	0.000	50.83 ^a	44.67	0.013	24.58	24.11	0.821

(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 2012-2013 NSDUHs (continued)

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Nebraska	26.26	23.74	0.104	14.30 ^a	7.01	0.000	49.83 ^a	42.44	0.003	23.44	22.56	0.654
Nevada	20.87 ^a	25.00	0.017	10.90 ^a	6.60	0.000	33.81	37.42	0.164	20.17 ^a	25.29	0.017
New Hampshire	24.02	24.92	0.568	13.29 ^a	8.06	0.000	49.11	48.96	0.952	21.59	23.06	0.452
New Jersey	21.74	21.55	0.906	10.11 ^a	7.20	0.014	41.95	40.95	0.698	20.36	20.36	0.997
New Mexico	24.00	24.44	0.795	14.04 ^a	6.92	0.000	41.39	38.50	0.292	22.31	24.23	0.367
New York	24.27	24.76	0.640	10.71 ^a	7.53	0.000	42.55	41.17	0.366	22.96	23.85	0.502
North Carolina	19.31	20.02	0.649	10.02 ^a	6.58	0.002	38.03 ^b	33.46	0.066	17.40	19.42	0.293
North Dakota	31.37	30.43	0.573	16.58 ^a	7.21	0.000	55.15	53.75	0.617	28.43	27.94	0.820
Ohio	24.40	24.81	0.657	11.31 ^a	6.85	0.000	45.99 ^a	41.19	0.001	22.50	24.32	0.114
Oklahoma	19.01 ^a	23.29	0.005	10.70 ^a	5.79	0.000	37.98	38.17	0.942	16.53 ^a	22.88	0.001
Oregon	20.52	21.66	0.447	10.70 ^a	7.62	0.014	40.58	38.93	0.515	18.40	20.51	0.257
Pennsylvania	22.83 ^a	24.96	0.021	11.24 ^a	6.87	0.000	45.96	43.81	0.132	20.59 ^a	23.87	0.004
Rhode Island	26.97	27.49	0.771	12.73 ^a	7.37	0.000	55.31 ^a	48.77	0.014	23.56	25.64	0.353
South Carolina	22.54	22.97	0.783	8.80 ^a	6.47	0.028	42.03	38.88	0.212	20.93	22.20	0.510
South Dakota	28.13	26.56	0.345	15.85 ^a	6.57	0.000	54.15 ^a	45.88	0.002	24.89	25.65	0.719
Tennessee	16.55	16.91	0.799	8.39 ^a	6.06	0.033	29.89	29.58	0.898	15.34	16.12	0.644
Texas	23.90 ^b	22.39	0.063	9.84 ^a	6.38	0.000	40.02 ^a	35.22	0.000	22.96	22.30	0.539
Utah	15.86	16.25	0.780	7.86 ^b	5.85	0.091	24.95	26.16	0.615	14.70	15.78	0.566
Vermont	25.51 ^a	21.16	0.007	14.70 ^a	8.67	0.000	49.19	45.13	0.129	22.87 ^a	18.37	0.024
Virginia	20.51	22.19	0.280	10.70 ^a	6.26	0.000	40.44	41.03	0.828	18.58	20.86	0.237
Washington	20.94	20.80	0.923	11.06 ^a	6.81	0.000	41.67	38.72	0.232	18.76	19.51	0.675
West Virginia	19.33	19.44	0.938	13.11 ^a	7.84	0.000	38.11	36.68	0.561	17.02	18.04	0.558
Wisconsin	28.98	29.99	0.587	13.48 ^a	7.23	0.000	54.87 ^a	47.32	0.005	26.50	29.86	0.147
Wyoming	24.93	24.41	0.736	12.94 ^a	7.78	0.000	49.68	45.35	0.111	21.98	22.75	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 2012-2013 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.

^a Difference between the 2002-2003 estimate and the 2012-2013 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2012-2013 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, 2012, and 2013.

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 2012-2013 NSDUHs*

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Total U.S.	42.04	41.83	0.603	38.36 ^a	39.35	0.022	32.56 ^a	33.83	0.005	44.20	43.52	0.150
Northeast	39.65	40.36	0.303	36.76 ^a	38.54	0.027	28.81 ^a	31.50	0.001	41.75	42.04	0.728
Midwest	38.83 ^a	37.44	0.010	37.30	36.85	0.498	28.48 ^b	29.49	0.100	40.89 ^a	38.87	0.003
South	44.60	43.83	0.162	40.12 ^b	41.39	0.059	35.85	36.53	0.280	46.74 ^b	45.39	0.054
West	43.24	43.85	0.418	37.93	38.99	0.235	34.44	35.24	0.355	45.63	46.02	0.687
Alabama	46.19	45.70	0.806	42.74	42.25	0.837	37.64	36.90	0.742	48.17	47.64	0.837
Alaska	40.78	38.67	0.274	35.13	36.65	0.535	29.24	30.32	0.639	43.78	40.52	0.192
Arizona	39.54	42.74	0.123	36.77	38.89	0.375	33.66	33.21	0.845	41.00	44.90	0.143
Arkansas	43.34 ^a	39.43	0.044	41.25	38.05	0.173	35.99	32.22	0.114	44.93 ^b	40.84	0.096
California	45.47	46.06	0.621	38.79	39.67	0.534	37.05	37.72	0.636	48.00	48.44	0.772
Colorado	38.39	38.15	0.902	32.48	35.63	0.181	28.41	26.89	0.492	40.94	40.35	0.816
Connecticut	39.85	42.56	0.181	36.18	38.56	0.303	27.52 ^b	31.61	0.076	42.12	44.79	0.296
Delaware	39.62	40.95	0.504	39.63	39.50	0.959	29.37 ^a	34.39	0.044	41.39	42.23	0.735
District of Columbia	45.47 ^a	40.35	0.013	43.87	47.67	0.126	37.24 ^b	32.04	0.061	47.24 ^a	41.68	0.030
Florida	44.38	45.45	0.374	40.02 ^b	42.49	0.073	37.54	38.79	0.372	45.89	46.77	0.559
Georgia	47.12	45.70	0.491	42.61	43.47	0.729	38.37	38.94	0.812	49.36	47.21	0.410
Hawaii	39.86	40.18	0.879	38.93	40.77	0.472	32.94	33.64	0.777	41.09	41.15	0.981
Idaho	39.96	40.89	0.613	37.53	35.23	0.312	30.42	32.63	0.325	42.33	43.15	0.731
Illinois	40.66	39.46	0.277	38.28	37.57	0.603	31.51	31.81	0.816	42.61	41.00	0.250
Indiana	42.73 ^a	38.09	0.019	40.32	39.27	0.666	30.82	29.58	0.572	45.27 ^a	39.46	0.020
Iowa	34.19	34.28	0.965	31.78	33.91	0.366	25.92	26.77	0.697	36.09	35.65	0.863
Kansas	40.70 ^a	36.47	0.032	38.43	34.83	0.110	28.12	26.89	0.569	43.47 ^a	38.44	0.044
Kentucky	42.34	40.98	0.484	39.08 ^b	34.96	0.067	33.87	32.76	0.631	44.23	43.07	0.636
Louisiana	43.83	41.96	0.310	39.89	41.01	0.632	35.50	36.69	0.599	46.10	43.05	0.198
Maine	36.26	36.69	0.831	32.80	36.28	0.126	24.59	27.59	0.140	38.44	38.01	0.864
Maryland	41.88	42.02	0.945	38.85	41.61	0.255	35.09	35.13	0.989	43.37	43.21	0.950
Massachusetts	34.67	36.73	0.292	34.03	34.19	0.943	24.06	26.52	0.267	36.44	38.81	0.336
Michigan	39.74	40.40	0.554	38.10	37.62	0.720	29.27 ^a	32.27	0.013	41.79	42.16	0.795
Minnesota	36.35	35.65	0.726	36.49	34.41	0.371	24.65	24.83	0.933	38.45	37.57	0.729
Mississippi	49.91 ^a	45.57	0.034	44.09	41.53	0.288	41.78	39.87	0.452	52.44 ^a	47.16	0.046
Missouri	38.35	35.78	0.168	36.71	37.56	0.701	28.92	31.00	0.335	40.25	36.38	0.103
Montana	36.33	36.48	0.937	31.95 ^b	35.79	0.076	24.62	25.17	0.788	39.04	38.41	0.803

(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 2012-2013 NSDUHs (continued)

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (<i>P</i> Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (<i>P</i> Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (<i>P</i> Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (<i>P</i> Value)
Nebraska	37.99	39.08	0.559	35.97	38.41	0.313	25.27	27.28	0.353	40.73	41.24	0.831
Nevada	41.75	44.26	0.213	38.57	38.59	0.994	35.01	36.50	0.520	43.24	46.20	0.245
New Hampshire	33.32	35.01	0.405	27.98 ^b	32.05	0.060	20.30	21.29	0.601	36.08	37.50	0.580
New Jersey	44.79	42.79	0.330	38.38	37.89	0.837	34.09	33.70	0.871	47.14	44.75	0.350
New Mexico	47.07	45.45	0.440	40.01	37.38	0.308	37.35	39.23	0.460	49.98	47.57	0.374
New York	41.50	43.17	0.160	39.15	40.97	0.192	31.25 ^a	34.94	0.009	43.50	44.86	0.360
North Carolina	45.72	42.37	0.101	39.55	40.80	0.608	33.43	36.97	0.136	48.60 ^a	43.47	0.048
North Dakota	33.65	34.09	0.818	32.51	35.78	0.155	23.09	25.39	0.281	36.02	35.80	0.930
Ohio	37.72	36.60	0.307	37.89	37.03	0.498	28.46	28.85	0.751	39.29	37.83	0.300
Oklahoma	43.77	40.91	0.165	37.84	37.45	0.871	31.48	34.34	0.241	46.98 ^b	42.54	0.094
Oregon	39.88	38.30	0.425	36.22	35.69	0.821	29.13	30.30	0.595	42.18	39.86	0.343
Pennsylvania	37.29	36.97	0.784	35.40 ^a	38.89	0.009	26.27 ^a	29.34	0.009	39.32	38.03	0.380
Rhode Island	36.25	37.33	0.610	34.95	37.84	0.224	27.75	27.94	0.929	37.96	39.08	0.678
South Carolina	45.48	43.58	0.367	42.76	42.28	0.838	32.65	33.60	0.671	48.11	45.44	0.321
South Dakota	35.95	35.70	0.902	33.49	36.84	0.154	23.15 ^a	27.54	0.039	38.83	37.00	0.476
Tennessee	45.42	46.25	0.693	41.10	42.18	0.653	34.76	38.56	0.129	47.77	48.01	0.927
Texas	44.61	44.73	0.914	38.81 ^b	41.49	0.052	37.33	37.04	0.828	46.96	46.66	0.832
Utah	50.94 ^a	45.27	0.008	47.56	45.75	0.520	40.56	38.33	0.406	54.64 ^a	46.79	0.008
Vermont	37.08	37.84	0.696	30.43	30.01	0.852	22.04 ^b	25.73	0.086	40.56	40.76	0.935
Virginia	42.20	40.94	0.545	40.32	42.22	0.433	31.25	32.01	0.743	44.23	42.31	0.464
Washington	39.20 ^b	42.70	0.080	35.22	38.22	0.201	27.05 ^a	31.71	0.041	41.83	45.04	0.204
West Virginia	42.90	41.77	0.582	34.10 ^b	38.04	0.094	33.85	32.82	0.662	45.37	43.52	0.463
Wisconsin	36.57	34.43	0.277	34.07	34.27	0.935	25.07	27.71	0.213	38.99	35.56	0.168
Wyoming	37.38	36.50	0.653	35.00	35.64	0.776	22.86 ^a	27.84	0.025	40.48	38.10	0.339

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 2012-2013 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2003 estimate and the 2012-2013 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2012-2013 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, 2012, and 2013.

Table 12 Alcohol Use and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by State: Percentages and P Values from Tests of Differences between Percentages, 2002-2003 and 2012-2013 NSDUHs

State	Alcohol Use in Past Month (2002-2003)	Alcohol Use in Past Month (2012-2013)	Alcohol Use in Past Month (P Value)	Binge Alcohol Use in Past Month (2002-2003)	Binge Alcohol Use in Past Month (2012-2013)	Binge Alcohol Use in Past Month (P Value)
Total U.S.	28.89 ^a	23.52	0.000	19.22 ^a	14.75	0.000
Northeast	31.50 ^a	26.68	0.000	20.74 ^a	16.63	0.000
Midwest	31.65 ^a	24.69	0.000	21.99 ^a	15.91	0.000
South	27.17 ^a	21.43	0.000	17.54 ^a	13.33	0.000
West	26.82 ^a	23.44	0.000	17.91 ^a	14.55	0.000
Alabama	24.88 ^a	19.58	0.001	16.45 ^a	12.30	0.002
Alaska	26.43 ^a	20.71	0.001	19.42 ^a	12.68	0.000
Arizona	28.64 ^a	23.30	0.005	19.76 ^a	14.54	0.001
Arkansas	25.16 ^a	19.98	0.002	18.84 ^a	13.54	0.000
California	24.67	23.79	0.410	16.09 ^b	14.40	0.055
Colorado	33.02 ^a	25.95	0.000	21.31 ^a	15.79	0.000
Connecticut	32.63 ^a	28.05	0.012	21.42 ^a	17.46	0.012
Delaware	31.13 ^a	23.65	0.000	20.37 ^a	14.39	0.000
District of Columbia	31.16	31.52	0.877	16.58	18.14	0.441
Florida	27.50 ^a	23.25	0.000	16.87 ^a	13.15	0.000
Georgia	24.15 ^a	20.84	0.050	15.31 ^b	13.00	0.092
Hawaii	28.58 ^a	20.07	0.000	20.77 ^a	12.01	0.000
Idaho	26.66 ^a	19.67	0.000	18.81 ^a	12.60	0.000
Illinois	30.52 ^a	24.04	0.000	21.63 ^a	15.45	0.000
Indiana	27.53 ^a	24.06	0.045	18.75 ^a	15.32	0.018
Iowa	34.35 ^a	24.67	0.000	24.68 ^a	16.56	0.000
Kansas	31.31 ^a	23.03	0.000	21.90 ^a	15.39	0.000
Kentucky	28.99 ^a	20.38	0.000	19.61 ^a	14.53	0.001
Louisiana	31.05 ^a	21.92	0.000	18.97 ^a	14.42	0.001
Maine	30.23 ^a	23.89	0.000	22.54 ^a	15.62	0.000
Maryland	28.10 ^a	22.89	0.002	17.52 ^a	13.24	0.001
Massachusetts	32.50 ^a	28.73	0.044	22.40 ^a	17.90	0.007
Michigan	31.83 ^a	25.74	0.000	21.36 ^a	15.89	0.000
Minnesota	33.36 ^a	23.80	0.000	24.17 ^a	15.46	0.000
Mississippi	24.01	22.60	0.427	15.72 ^b	13.28	0.084
Missouri	32.41 ^a	22.94	0.000	21.16 ^a	15.26	0.000
Montana	38.39 ^a	28.45	0.000	28.80 ^a	18.44	0.000

(continued)

Table 12 Alcohol Use and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by State: Percentages and P Values from Tests of Differences between Percentages, 2002-2003 and 2012-2013 NSDUHs (continued)

State	Alcohol Use in Past Month (2002-2003)	Alcohol Use in Past Month (2012-2013)	Alcohol Use in Past Month (P Value)	Binge Alcohol Use in Past Month (2002-2003)	Binge Alcohol Use in Past Month (2012-2013)	Binge Alcohol Use in Past Month (P Value)
Nebraska	34.98 ^a	24.02	0.000	23.77 ^a	16.18	0.000
Nevada	26.87 ^b	23.83	0.089	16.81 ^b	14.13	0.070
New Hampshire	35.98	35.72	0.886	25.02	23.21	0.293
New Jersey	29.38 ^a	23.34	0.001	17.59 ^b	14.77	0.052
New Mexico	32.37 ^a	21.14	0.000	22.15 ^a	14.13	0.000
New York	31.59 ^a	26.77	0.000	20.34 ^a	15.84	0.000
North Carolina	26.71 ^a	18.62	0.000	17.99 ^a	11.62	0.000
North Dakota	41.54 ^a	31.25	0.000	31.04 ^a	22.95	0.000
Ohio	30.13 ^a	24.38	0.000	20.95 ^a	15.54	0.000
Oklahoma	28.47 ^a	22.54	0.001	19.07 ^a	15.36	0.014
Oregon	28.22	25.33	0.105	18.61	16.94	0.299
Pennsylvania	30.86 ^a	25.97	0.000	21.05 ^a	17.00	0.000
Rhode Island	38.31 ^a	32.57	0.003	26.58 ^a	21.17	0.002
South Carolina	27.25 ^a	21.99	0.001	18.05 ^a	13.79	0.003
South Dakota	37.21 ^a	24.41	0.000	28.52 ^a	17.79	0.000
Tennessee	23.80 ^a	16.77	0.000	15.95 ^a	11.48	0.002
Texas	27.35 ^a	21.71	0.000	17.14 ^a	13.35	0.000
Utah	19.41 ^a	14.57	0.011	15.43 ^a	11.21	0.005
Vermont	35.56 ^a	29.60	0.002	25.77 ^a	19.58	0.000
Virginia	30.33 ^a	22.54	0.000	20.47 ^a	14.28	0.000
Washington	31.54 ^a	24.40	0.000	21.02 ^a	15.47	0.000
West Virginia	28.84 ^a	22.70	0.001	21.48 ^a	17.57	0.014
Wisconsin	34.72 ^a	28.63	0.001	24.45 ^a	18.21	0.000
Wyoming	33.64 ^a	26.38	0.000	24.93 ^a	18.04	0.000

NOTE: State and census region estimates are based on a survey-weighted hierarchical Bayes estimation approach, with their *p* values being the Bayes posterior probability of no change between the 2002-2003 and the 2012-2013 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.

^a Difference between the 2002-2003 estimate and the 2012-2013 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2012-2013 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, 2012, and 2013.

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 2012-2013 NSDUHs

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Total U.S.	30.09 ^a	26.10	0.000	14.83 ^a	8.24	0.000	45.02 ^a	37.55	0.000	29.59 ^a	26.34	0.000
Northeast	29.21 ^a	24.64	0.000	14.42 ^a	8.14	0.000	45.89 ^a	36.74	0.000	28.45 ^a	24.50	0.000
Midwest	32.85 ^a	29.30	0.000	16.97 ^a	9.43	0.000	49.35 ^a	42.09	0.000	32.12 ^a	29.60	0.000
South	31.66 ^a	27.46	0.000	15.72 ^a	8.45	0.000	45.84 ^a	38.28	0.000	31.39 ^a	27.98	0.000
West	25.56 ^a	22.13	0.000	11.70 ^a	6.89	0.000	38.83 ^a	32.99	0.000	25.15 ^a	22.14	0.000
Alabama	33.02	31.54	0.417	16.66 ^a	8.83	0.000	45.20	42.18	0.215	33.07	32.50	0.807
Alaska	30.73	30.15	0.748	16.39 ^a	10.13	0.000	48.43 ^a	41.92	0.008	30.42	30.70	0.907
Arizona	30.45 ^a	23.65	0.000	15.11 ^a	7.11	0.000	39.80	35.29	0.104	31.00 ^a	23.79	0.002
Arkansas	39.35 ^a	33.29	0.002	19.57 ^a	10.63	0.000	55.88 ^a	42.19	0.000	39.12 ^b	34.63	0.066
California	22.45 ^a	19.05	0.000	9.22 ^a	5.66	0.000	35.14 ^a	29.19	0.000	22.07 ^a	18.90	0.007
Colorado	31.24 ^b	27.81	0.053	17.44 ^a	8.78	0.000	49.95 ^a	43.71	0.019	29.86	27.41	0.262
Connecticut	27.06 ^a	21.76	0.002	15.19 ^a	6.91	0.000	46.14 ^a	34.09	0.000	25.86 ^a	21.61	0.041
Delaware	29.52	28.22	0.462	16.30 ^a	8.94	0.000	46.47 ^a	39.71	0.008	28.32	28.46	0.946
District of Columbia	29.21	27.52	0.352	9.53 ^a	6.42	0.013	37.39	35.52	0.469	29.34	27.28	0.358
Florida	28.14 ^a	23.78	0.000	14.34 ^a	7.27	0.000	41.55 ^a	34.46	0.000	27.91 ^a	23.92	0.001
Georgia	30.88 ^a	26.81	0.022	15.79 ^a	8.32	0.000	41.74 ^b	36.74	0.062	31.07	27.53	0.111
Hawaii	24.62 ^a	20.24	0.007	12.33 ^a	7.91	0.001	36.59 ^b	31.67	0.055	24.37 ^a	19.78	0.024
Idaho	28.09 ^b	24.97	0.070	14.70 ^a	8.04	0.000	43.08 ^a	35.28	0.002	27.13	25.58	0.477
Illinois	30.91 ^a	26.13	0.000	14.97 ^a	7.51	0.000	46.68 ^a	38.76	0.000	30.33 ^a	26.35	0.002
Indiana	33.09	32.30	0.654	16.84 ^a	10.32	0.000	49.30 ^b	45.00	0.080	32.42	32.92	0.824
Iowa	30.88 ^a	27.46	0.047	16.34 ^a	9.33	0.000	48.67 ^a	43.23	0.033	29.44	26.90	0.242
Kansas	31.24 ^b	28.20	0.086	15.57 ^a	8.81	0.000	45.68	41.68	0.109	30.73	28.33	0.291
Kentucky	39.78 ^a	35.29	0.019	23.18 ^a	12.01	0.000	58.88 ^a	48.94	0.000	38.54	35.85	0.260
Louisiana	32.70	31.30	0.442	17.58 ^a	10.75	0.000	48.21 ^a	40.22	0.002	31.87	32.31	0.850
Maine	31.33 ^a	27.05	0.025	13.55 ^a	9.02	0.001	50.44 ^a	42.36	0.001	30.69 ^b	26.75	0.094
Maryland	27.13 ^a	22.07	0.002	12.70 ^a	6.64	0.000	42.05 ^a	35.13	0.005	26.76 ^a	21.76	0.012
Massachusetts	26.09 ^a	22.86	0.041	14.37 ^a	7.89	0.000	42.53 ^a	34.03	0.001	24.88	22.57	0.237
Michigan	32.56 ^a	29.62	0.005	15.89 ^a	9.65	0.000	47.64 ^a	41.35	0.000	32.32 ^b	30.10	0.094
Minnesota	31.44 ^a	26.76	0.008	17.69 ^a	8.86	0.000	51.31 ^a	43.33	0.003	29.78	26.23	0.105
Mississippi	35.49	36.69	0.546	16.57 ^a	12.27	0.010	47.77	47.13	0.806	35.87	38.07	0.391
Missouri	36.69 ^b	33.52	0.078	21.01 ^a	11.41	0.000	51.76 ^a	45.23	0.009	36.19	34.24	0.393
Montana	34.18 ^b	31.09	0.092	21.16 ^a	11.96	0.000	53.76 ^a	46.89	0.004	32.51	30.63	0.413

(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 2012-2013 NSDUHs (continued)

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Nebraska	30.59 ^a	26.36	0.015	18.86 ^a	9.17	0.000	48.81 ^a	40.61	0.001	28.76	26.02	0.211
Nevada	34.99 ^a	27.37	0.000	15.31 ^a	8.30	0.000	42.38	37.96	0.105	36.47 ^a	28.03	0.001
New Hampshire	31.71 ^a	25.54	0.001	16.82 ^a	9.45	0.000	50.33 ^a	41.92	0.001	30.86 ^a	24.78	0.006
New Jersey	26.84 ^a	20.40	0.000	13.65 ^a	6.75	0.000	44.45 ^a	33.13	0.000	26.04 ^a	20.12	0.006
New Mexico	29.03	27.43	0.374	15.37 ^a	10.11	0.002	45.26	42.25	0.258	28.14	27.08	0.641
New York	28.82 ^a	23.93	0.000	12.78 ^a	7.21	0.000	43.64 ^a	34.36	0.000	28.40 ^a	24.01	0.001
North Carolina	35.90 ^a	26.99	0.000	17.97 ^a	7.97	0.000	50.13 ^a	37.94	0.000	35.88 ^a	27.49	0.000
North Dakota	32.51	30.81	0.317	20.88 ^a	11.14	0.000	49.74	46.48	0.214	30.50	29.61	0.684
Ohio	36.03 ^a	31.54	0.000	17.27 ^a	10.16	0.000	51.79 ^a	43.73	0.000	35.91 ^a	32.17	0.004
Oklahoma	35.86	35.12	0.714	17.60 ^a	9.85	0.000	52.96 ^a	46.87	0.025	35.16	36.27	0.668
Oregon	30.19 ^b	26.94	0.072	14.42 ^a	8.73	0.000	46.63 ^a	36.27	0.000	29.46	27.50	0.382
Pennsylvania	32.94 ^a	29.71	0.001	16.75 ^a	10.68	0.000	50.17 ^a	43.51	0.000	32.24 ^a	29.57	0.034
Rhode Island	31.14 ^a	26.91	0.023	16.13 ^a	8.52	0.000	51.46 ^a	37.78	0.000	29.29	26.87	0.298
South Carolina	31.92	30.58	0.461	15.52 ^a	9.91	0.000	48.06 ^a	42.50	0.030	31.27	30.99	0.904
South Dakota	35.10 ^a	30.86	0.021	22.82 ^a	9.82	0.000	57.69 ^a	45.21	0.000	32.53	30.95	0.501
Tennessee	33.84	31.12	0.135	17.17 ^a	10.35	0.000	46.30 ^a	40.35	0.019	33.86	32.10	0.438
Texas	29.68 ^a	23.98	0.000	13.45 ^a	7.02	0.000	42.47 ^a	34.74	0.000	29.73 ^a	24.43	0.000
Utah	19.67	20.38	0.679	8.43 ^a	5.95	0.048	25.46	25.94	0.846	20.09	21.62	0.500
Vermont	30.64 ^b	27.22	0.063	18.33 ^a	11.14	0.000	52.64 ^a	45.07	0.004	28.49	25.86	0.242
Virginia	29.73	27.63	0.217	15.40 ^a	8.59	0.000	47.83 ^a	38.98	0.000	28.70	27.95	0.723
Washington	26.76	24.32	0.121	13.22 ^a	8.33	0.000	45.81 ^a	37.66	0.001	25.37	24.02	0.487
West Virginia	37.22	37.76	0.769	21.34 ^a	12.84	0.000	54.26 ^a	48.85	0.023	36.30	38.66	0.307
Wisconsin	30.55	28.02	0.161	17.30 ^a	9.59	0.000	50.41 ^a	38.69	0.000	28.84	28.47	0.873
Wyoming	34.00	32.83	0.520	16.34 ^a	11.97	0.008	55.18 ^a	48.61	0.012	32.55	32.56	0.997

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 2012-2013 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.

^a Difference between the 2002-2003 estimate and the 2012-2013 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2012-2013 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, 2012, and 2013.

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 2012-2013 NSDUHs

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Total U.S.	25.71 ^a	21.69	0.000	12.57 ^a	6.08	0.000	40.50 ^a	31.23	0.000	24.95 ^a	21.97	0.000
Northeast	25.27 ^a	20.22	0.000	12.72 ^a	5.86	0.000	41.63 ^a	30.59	0.000	24.27 ^a	20.13	0.000
Midwest	28.10 ^a	24.45	0.000	14.63 ^a	7.11	0.000	44.57 ^a	34.44	0.000	27.04 ^a	24.91	0.000
South	26.76 ^a	22.84	0.000	13.21 ^a	6.14	0.000	40.76 ^a	31.69	0.000	26.19 ^a	23.41	0.000
West	22.03 ^a	18.45	0.000	9.47 ^a	5.23	0.000	35.22 ^a	28.14	0.000	21.45 ^a	18.41	0.000
Alabama	26.43	26.03	0.824	13.69 ^a	6.25	0.000	39.24 ^a	33.74	0.023	25.88	27.14	0.583
Alaska	25.71 ^b	22.72	0.080	13.25 ^a	6.44	0.000	43.97 ^a	33.58	0.000	24.96	22.91	0.361
Arizona	27.51 ^a	19.82	0.000	12.84 ^a	5.46	0.000	38.85 ^a	29.82	0.001	27.60 ^a	19.96	0.001
Arkansas	32.84 ^a	26.82	0.001	16.05 ^a	7.56	0.000	50.97 ^a	34.02	0.000	31.92 ^b	28.02	0.090
California	19.36 ^a	16.29	0.001	7.48 ^a	4.31	0.000	31.77 ^a	25.83	0.000	18.83 ^a	16.08	0.019
Colorado	26.76 ^a	21.25	0.001	13.74 ^a	6.29	0.000	44.56 ^a	34.11	0.000	25.43 ^a	20.87	0.024
Connecticut	23.78 ^a	17.93	0.000	13.45 ^a	4.87	0.000	41.56 ^a	28.88	0.000	22.56 ^a	17.78	0.013
Delaware	26.09 ^b	23.21	0.086	14.07 ^a	6.85	0.000	42.69 ^a	34.10	0.001	24.79	23.22	0.454
District of Columbia	26.12	23.47	0.136	7.10 ^a	4.62	0.009	33.26	31.40	0.450	26.40	23.09	0.136
Florida	23.99 ^a	20.20	0.000	12.26 ^a	4.95	0.000	36.75 ^a	28.04	0.000	23.59 ^a	20.62	0.009
Georgia	25.80 ^a	21.65	0.012	12.83 ^a	6.05	0.000	35.48 ^a	30.09	0.024	25.91 ^b	22.25	0.086
Hawaii	21.97 ^a	17.17	0.003	8.78 ^a	5.40	0.002	34.32 ^a	26.59	0.002	21.77 ^a	16.96	0.015
Idaho	23.95 ^b	21.23	0.084	12.48 ^a	6.76	0.000	39.02 ^a	30.22	0.000	22.68	21.73	0.641
Illinois	26.77 ^a	22.68	0.000	13.00 ^a	5.89	0.000	42.75 ^a	33.13	0.000	25.85 ^a	23.04	0.023
Indiana	28.33	25.74	0.119	14.39 ^a	7.72	0.000	44.94 ^a	36.13	0.000	27.26	26.25	0.634
Iowa	26.45 ^a	23.12	0.048	14.27 ^a	7.25	0.000	41.91 ^a	35.40	0.013	25.14	22.90	0.297
Kansas	25.95 ^b	22.97	0.071	13.95 ^a	6.29	0.000	39.62 ^a	31.53	0.001	25.06	23.63	0.501
Kentucky	34.77 ^a	30.33	0.019	17.62 ^a	9.50	0.000	53.06 ^a	40.59	0.000	33.74	31.15	0.279
Louisiana	28.27	25.58	0.120	15.01 ^a	8.10	0.000	42.36 ^a	34.41	0.001	27.45	26.22	0.579
Maine	26.82 ^a	23.14	0.035	12.16 ^a	7.23	0.000	43.89 ^a	33.43	0.000	26.10	23.32	0.198
Maryland	23.22 ^a	18.24	0.002	11.08 ^a	5.05	0.000	35.91 ^a	27.96	0.001	22.88 ^a	18.21	0.018
Massachusetts	22.42 ^a	18.39	0.008	11.69 ^a	5.57	0.000	38.40 ^a	27.60	0.000	21.16	18.20	0.114
Michigan	28.19 ^a	25.29	0.004	13.59 ^a	7.14	0.000	42.81 ^a	34.27	0.000	27.74	26.02	0.182
Minnesota	26.87 ^a	21.47	0.001	15.67 ^a	7.04	0.000	48.22 ^a	35.47	0.000	24.59 ^b	20.94	0.074
Mississippi	29.41	30.62	0.506	12.83 ^a	8.11	0.001	41.57	39.29	0.366	29.46	32.06	0.274
Missouri	31.51 ^b	28.21	0.069	17.88 ^a	8.63	0.000	47.59 ^a	38.42	0.000	30.56	28.87	0.465
Montana	27.71 ^b	24.52	0.058	16.10 ^a	7.93	0.000	44.96 ^a	36.47	0.001	26.26	24.40	0.385

(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 2012-2013 NSDUHs (continued)

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Nebraska	25.93 ^a	21.97	0.016	16.36 ^a	6.79	0.000	43.92 ^a	30.46	0.000	23.84	22.38	0.481
Nevada	30.50 ^a	24.15	0.001	12.73 ^a	6.05	0.000	36.40	33.00	0.177	31.95 ^a	24.97	0.005
New Hampshire	26.17 ^a	20.04	0.000	14.03 ^a	7.06	0.000	44.80 ^a	33.53	0.000	24.94 ^a	19.39	0.007
New Jersey	23.42 ^a	17.13	0.000	11.83 ^a	5.12	0.000	40.67 ^a	28.43	0.000	22.46 ^a	16.86	0.004
New Mexico	24.05	22.80	0.470	12.34 ^a	7.36	0.000	38.45	35.18	0.203	23.19	22.63	0.802
New York	25.46 ^a	19.92	0.000	11.81 ^a	5.10	0.000	40.17 ^a	29.02	0.000	24.76 ^a	20.02	0.000
North Carolina	29.69 ^a	23.01	0.000	14.78 ^a	6.18	0.000	45.89 ^a	31.91	0.000	28.95 ^a	23.59	0.016
North Dakota	27.53	25.03	0.149	17.53 ^a	8.10	0.000	42.78 ^a	34.91	0.002	25.71	24.79	0.672
Ohio	30.48 ^a	26.46	0.000	14.52 ^a	7.35	0.000	46.03 ^a	35.08	0.000	30.00 ^a	27.40	0.040
Oklahoma	30.28	29.24	0.581	14.96 ^a	6.57	0.000	44.71 ^a	37.80	0.007	29.67	30.63	0.695
Oregon	24.96 ^a	21.13	0.016	11.29 ^a	6.23	0.000	41.49 ^a	29.28	0.000	23.94	21.50	0.216
Pennsylvania	27.68 ^a	24.05	0.000	14.73 ^a	7.61	0.000	44.78 ^a	35.83	0.000	26.59 ^a	23.96	0.034
Rhode Island	27.35 ^a	20.57	0.000	13.72 ^a	6.17	0.000	47.60 ^a	30.33	0.000	25.34 ^a	20.30	0.017
South Carolina	26.85	26.05	0.643	12.21 ^a	7.33	0.000	42.88 ^a	35.68	0.005	25.97	26.62	0.766
South Dakota	30.31 ^a	26.00	0.014	19.79 ^a	7.95	0.000	51.76 ^a	36.50	0.000	27.70	26.39	0.559
Tennessee	28.03	25.24	0.101	14.33 ^a	7.62	0.000	38.83 ^a	32.90	0.018	27.95	26.10	0.386
Texas	25.56 ^a	19.94	0.000	11.65 ^a	5.17	0.000	39.18 ^a	29.70	0.000	25.09 ^a	20.26	0.000
Utah	16.74	17.52	0.630	6.57	5.40	0.342	24.61	23.60	0.670	16.36	18.24	0.392
Vermont	25.43 ^a	21.42	0.013	14.84 ^a	8.11	0.000	47.57 ^a	35.13	0.000	23.03	20.47	0.201
Virginia	25.18	22.61	0.113	14.17 ^a	6.13	0.000	43.38 ^a	31.78	0.000	23.69	23.00	0.731
Washington	23.41 ^a	19.83	0.017	10.84 ^a	6.64	0.000	42.23 ^a	30.68	0.000	21.93	19.60	0.215
West Virginia	29.52	30.51	0.593	17.34 ^a	8.94	0.000	47.96 ^a	38.18	0.000	27.94	31.58	0.115
Wisconsin	25.75 ^a	22.20	0.036	15.32 ^a	7.39	0.000	45.48 ^a	31.13	0.000	23.67	22.51	0.582
Wyoming	26.81	25.32	0.368	12.78 ^a	9.37	0.017	44.46 ^a	37.06	0.003	25.50	25.17	0.875

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 2012-2013 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2003 estimate and the 2012-2013 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2012-2013 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, 2012, and 2013.

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 2012-2013 NSDUHs

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Total U.S.	71.27	71.24	0.921	63.67 ^a	64.96	0.003	65.46 ^a	66.32	0.048	73.33	72.86	0.259
Northeast	72.37	73.30	0.117	64.05 ^a	65.81	0.033	66.33 ^a	68.00	0.042	74.39	75.03	0.377
Midwest	69.07 ^a	67.84	0.014	63.13	64.20	0.111	62.39	62.78	0.572	71.10 ^a	69.16	0.002
South	70.12	70.63	0.297	62.02 ^a	64.52	0.000	64.11 ^a	65.59	0.022	72.28	72.25	0.959
West	74.38	73.74	0.316	66.41	65.74	0.440	69.92	69.34	0.517	76.35	75.55	0.316
Alabama	68.32	68.45	0.942	62.18	61.57	0.802	62.28	61.98	0.900	70.21	70.41	0.930
Alaska	70.30 ^a	65.69	0.018	66.56 ^a	59.08	0.004	65.46 ^a	59.31	0.015	71.83	67.79	0.104
Arizona	72.74	70.32	0.190	64.39	61.41	0.239	70.87 ^a	65.13	0.022	74.29	72.39	0.415
Arkansas	67.91	65.16	0.152	61.55	59.96	0.529	60.58	61.80	0.632	70.08	66.38	0.124
California	76.82	76.15	0.498	67.07	67.02	0.968	72.52	72.59	0.958	79.05	77.99	0.405
Colorado	70.29	72.96	0.122	63.77	66.56	0.271	61.30 ^a	66.52	0.045	72.75	74.81	0.333
Connecticut	72.67	74.02	0.436	64.74	68.51	0.114	67.32	69.07	0.467	74.49	75.48	0.649
Delaware	71.47	73.17	0.327	63.20	65.64	0.297	64.70 ^a	70.19	0.025	73.70	74.52	0.702
District of Columbia	74.89	75.63	0.674	61.87	60.00	0.458	74.31	72.60	0.494	76.17	77.43	0.551
Florida	72.89 ^a	75.09	0.032	63.06 ^a	70.43	0.000	69.14	69.60	0.734	74.62	76.40	0.155
Georgia	71.86	71.92	0.972	64.49	64.42	0.975	67.39	67.14	0.918	73.73	73.78	0.982
Hawaii	71.12	73.22	0.254	65.39	63.61	0.494	68.38	68.59	0.937	72.33	74.98	0.245
Idaho	72.24 ^a	68.73	0.044	65.57	63.22	0.312	68.57 ^b	64.46	0.098	74.08 ^b	70.26	0.090
Illinois	69.57	70.24	0.527	64.55	64.23	0.819	63.86	64.97	0.427	71.28	71.89	0.647
Indiana	69.12	67.86	0.477	64.18	64.91	0.763	63.69	62.85	0.735	70.82	69.13	0.453
Iowa	65.85	67.52	0.401	61.99 ^b	65.93	0.100	60.18	61.65	0.574	67.44	68.74	0.605
Kansas	70.61	68.41	0.196	60.16 ^b	64.71	0.058	63.55	62.76	0.751	73.52 ^b	69.93	0.097
Kentucky	62.46	62.60	0.940	58.90	59.93	0.674	53.67	56.64	0.259	64.43	63.91	0.833
Louisiana	67.74	70.58	0.125	59.33	62.94	0.159	63.25	65.45	0.351	69.92	72.49	0.269
Maine	69.25	68.05	0.523	64.49	64.43	0.980	61.95	61.23	0.766	70.94	69.37	0.496
Maryland	71.76	74.30	0.151	65.27	66.03	0.745	63.95	67.10	0.198	73.89	76.47	0.244
Massachusetts	75.55 ^b	72.32	0.072	67.22	65.42	0.441	70.84	67.92	0.244	77.31	73.85	0.117
Michigan	70.89 ^a	67.87	0.004	64.02	64.11	0.947	64.00	62.80	0.374	73.07 ^a	69.22	0.003
Minnesota	69.68	68.70	0.586	63.18	64.29	0.651	60.26	63.60	0.205	72.32	70.06	0.322
Mississippi	68.63 ^b	65.42	0.098	59.22	59.44	0.933	62.94	62.79	0.954	71.20 ^b	66.70	0.069
Missouri	68.02	65.90	0.249	61.78	61.18	0.798	61.37	59.82	0.545	70.06	67.51	0.269
Montana	71.38 ^a	67.54	0.030	64.76	63.27	0.514	66.77 ^a	61.44	0.027	73.14 ^b	69.01	0.063

(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 2012-2013 NSDUHs (continued)

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Nebraska	69.62	66.91	0.146	63.18	65.29	0.387	63.58	62.09	0.538	71.72	67.96	0.112
Nevada	69.57	69.79	0.905	64.24	64.59	0.882	62.56	65.87	0.203	71.38	71.05	0.887
New Hampshire	68.63 ^b	72.05	0.078	59.52 ^a	66.29	0.006	61.12 ^a	67.96	0.005	71.05	73.34	0.337
New Jersey	75.17	76.19	0.542	64.03	65.05	0.682	66.84 ^a	71.77	0.045	77.79	78.20	0.843
New Mexico	73.04	72.43	0.736	61.12	62.89	0.503	67.82	65.31	0.323	75.88	74.89	0.665
New York	72.81 ^a	75.83	0.003	64.32 ^a	67.91	0.008	67.84	69.86	0.149	74.71 ^a	77.76	0.016
North Carolina	68.08	68.21	0.949	60.76	63.08	0.375	59.40	63.43	0.115	70.51	69.63	0.720
North Dakota	66.97	65.73	0.487	61.29	64.01	0.271	62.84	60.70	0.421	68.62	67.01	0.478
Ohio	67.60 ^b	65.65	0.073	61.92	63.90	0.149	59.92	61.34	0.290	69.71 ^a	66.58	0.023
Oklahoma	66.52	65.24	0.498	60.58	60.93	0.883	58.78	60.71	0.449	68.86	66.60	0.354
Oregon	72.21	70.87	0.456	68.14 ^b	63.41	0.054	69.69	65.95	0.112	73.18	72.48	0.755
Pennsylvania	68.77	68.55	0.836	62.31	62.76	0.743	61.54	63.12	0.242	70.77	70.10	0.616
Rhode Island	73.34	72.82	0.775	65.01	63.40	0.517	72.97 ^b	68.54	0.066	74.43	74.69	0.913
South Carolina	69.38	69.89	0.772	62.27	63.06	0.743	61.91	64.03	0.398	71.66	71.70	0.988
South Dakota	65.09	64.72	0.838	60.68	64.51	0.119	56.27 ^a	61.89	0.037	67.49	65.24	0.336
Tennessee	66.84	67.75	0.618	62.38	63.27	0.725	60.70	63.73	0.253	68.44	68.95	0.820
Texas	71.88	71.27	0.540	61.14 ^a	64.25	0.029	66.08	66.97	0.512	74.73	73.10	0.202
Utah	75.00	72.73	0.174	71.49	69.43	0.389	72.28	70.15	0.372	76.47	73.89	0.251
Vermont	70.15	71.48	0.451	63.59	66.83	0.176	62.72	65.10	0.341	72.30	73.06	0.728
Virginia	70.95	72.21	0.469	64.05	66.45	0.323	66.03	65.98	0.982	72.67	73.95	0.554
Washington	70.63	71.89	0.459	66.48	65.03	0.539	64.26	64.50	0.923	72.29	73.90	0.446
West Virginia	67.26 ^a	62.99	0.029	59.35	61.69	0.340	58.54	58.64	0.970	69.58 ^a	63.78	0.016
Wisconsin	69.71	68.94	0.680	63.58	65.62	0.395	63.81	64.29	0.846	71.63	70.10	0.516
Wyoming	68.09	66.76	0.475	64.05	64.01	0.988	61.46	59.85	0.538	69.95	68.28	0.479

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 2012-2013 estimates. The "Total U.S." estimates, along with the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2003 estimate and the 2012-2013 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2012-2013 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, 2012, and 2013.

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 2012-2013 NSDUHs

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Total U.S.	7.59 ^a	6.70	0.000	5.88 ^a	3.11	0.000	17.43 ^a	13.67	0.000	6.12	5.95	0.385
Northeast	7.24 ^b	6.71	0.079	5.73 ^a	3.23	0.000	17.46 ^a	14.17	0.000	5.81	5.87	0.865
Midwest	8.48 ^a	6.78	0.000	6.49 ^a	3.16	0.000	19.88 ^a	14.08	0.000	6.72 ^a	5.99	0.020
South	7.11 ^a	6.28	0.000	5.45 ^a	2.96	0.000	16.39 ^a	12.64	0.000	5.73	5.61	0.658
West	7.76	7.28	0.139	6.04 ^a	3.23	0.000	16.58 ^a	14.52	0.004	6.40	6.50	0.798
Alabama	6.08	6.18	0.876	4.83 ^b	3.48	0.068	13.65	12.07	0.321	4.91	5.50	0.452
Alaska	8.63	7.12	0.102	6.15 ^a	2.68	0.000	18.79 ^a	13.27	0.002	7.37	6.58	0.480
Arizona	9.29 ^a	7.18	0.014	7.38 ^a	3.47	0.000	19.36 ^a	13.46	0.002	7.75	6.57	0.250
Arkansas	7.57 ^a	5.57	0.006	6.15 ^a	2.75	0.000	17.59 ^a	12.00	0.001	5.98	4.83	0.170
California	7.22	7.30	0.856	5.51 ^a	3.05	0.000	14.83	14.64	0.863	6.07	6.49	0.481
Colorado	9.20 ^a	7.54	0.043	6.71 ^a	3.41	0.000	20.66 ^a	16.29	0.026	7.54	6.57	0.304
Connecticut	6.90	7.05	0.852	5.39 ^a	2.90	0.001	18.87 ^a	14.42	0.015	5.36	6.38	0.272
Delaware	7.65	7.05	0.430	5.76 ^a	3.01	0.000	18.17	15.57	0.151	6.08	6.07	0.987
District of Columbia	9.20 ^a	11.96	0.023	3.00	2.55	0.465	16.26	18.12	0.359	8.37 ^a	11.27	0.045
Florida	6.86	6.12	0.122	5.40 ^a	2.78	0.000	16.89 ^a	11.96	0.000	5.60	5.59	0.982
Georgia	7.37 ^a	5.51	0.011	4.78 ^a	2.34	0.000	14.90 ^a	11.04	0.013	6.37 ^b	4.96	0.095
Hawaii	7.52	7.57	0.947	6.42 ^a	3.52	0.004	18.14	15.86	0.265	5.97	6.71	0.467
Idaho	8.45 ^a	6.65	0.019	7.79 ^a	3.59	0.000	18.37 ^a	13.15	0.003	6.51	5.95	0.538
Illinois	8.74 ^a	6.44	0.000	6.08 ^a	2.56	0.000	19.49 ^a	13.61	0.000	7.21 ^a	5.72	0.018
Indiana	7.90	6.98	0.222	6.21 ^a	3.47	0.001	19.19 ^a	14.51	0.010	6.06	6.10	0.959
Iowa	8.25 ^a	6.21	0.006	7.56 ^a	3.12	0.000	19.67 ^a	13.82	0.001	6.18	5.24	0.276
Kansas	7.14	7.06	0.916	5.12 ^a	3.28	0.014	18.49 ^a	13.45	0.004	5.24	6.41	0.202
Kentucky	6.16	5.92	0.709	5.26 ^a	3.08	0.004	14.67	12.96	0.292	4.80	5.10	0.692
Louisiana	7.95 ^a	6.05	0.010	5.97 ^a	3.12	0.000	17.56 ^a	11.57	0.000	6.33	5.42	0.290
Maine	7.31	6.36	0.199	5.59 ^a	3.24	0.002	18.26 ^b	15.00	0.074	5.88	5.47	0.630
Maryland	7.55	6.49	0.146	5.37 ^a	2.77	0.000	15.98 ^b	13.11	0.077	6.52	5.85	0.440
Massachusetts	8.60 ^b	7.10	0.078	7.35 ^a	3.28	0.000	18.47 ^b	14.88	0.065	7.18	6.16	0.299
Michigan	8.46 ^a	6.85	0.002	6.42 ^a	3.07	0.000	18.29 ^a	13.53	0.000	7.05	6.17	0.160
Minnesota	9.01 ^a	6.59	0.002	7.24 ^a	3.14	0.000	20.99 ^a	13.79	0.000	7.08	5.83	0.163
Mississippi	6.46	5.82	0.362	3.78	2.79	0.115	13.96 ^b	11.31	0.096	5.35	5.22	0.871
Missouri	7.89	6.67	0.101	6.34 ^a	3.55	0.000	19.76 ^a	13.67	0.000	6.01	5.87	0.871
Montana	10.70 ^a	8.26	0.016	11.21 ^a	4.81	0.000	23.39 ^a	18.00	0.009	8.36	7.05	0.271

(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 2012-2013 NSDUHs (continued)

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Nebraska	10.18 ^a	7.82	0.008	8.94 ^a	3.87	0.000	25.16 ^a	16.49	0.000	7.47	6.79	0.516
Nevada	8.01	7.68	0.692	6.93 ^a	3.11	0.000	16.19	14.07	0.242	6.88	7.22	0.731
New Hampshire	9.09 ^b	7.63	0.094	7.54 ^a	4.62	0.005	23.21 ^a	19.17	0.043	7.10	6.17	0.353
New Jersey	6.30	6.62	0.665	5.16 ^a	2.85	0.002	16.62	14.23	0.175	4.97	5.92	0.279
New Mexico	10.01 ^a	7.37	0.004	7.73 ^a	3.92	0.000	22.68 ^a	13.98	0.000	8.01	6.66	0.226
New York	7.15	6.58	0.255	5.59 ^a	3.23	0.000	15.84 ^a	12.90	0.004	5.90	5.86	0.941
North Carolina	6.75	5.85	0.202	5.66 ^a	2.97	0.000	16.54 ^a	12.42	0.019	5.25	5.10	0.856
North Dakota	10.83 ^a	8.42	0.011	10.33 ^a	4.57	0.000	27.11 ^a	17.57	0.000	7.49	6.87	0.574
Ohio	7.90 ^a	6.43	0.003	5.80 ^a	2.98	0.000	18.54 ^a	13.59	0.000	6.36	5.68	0.247
Oklahoma	6.92	7.24	0.678	5.68 ^a	3.15	0.001	17.03 ^a	13.45	0.038	5.15	6.66	0.102
Oregon	7.37	7.09	0.709	5.84 ^a	3.36	0.001	17.83 ^b	14.50	0.058	5.79	6.33	0.544
Pennsylvania	6.93	6.48	0.323	5.34 ^a	3.39	0.000	18.08 ^a	14.69	0.001	5.33	5.47	0.799
Rhode Island	10.10 ^b	8.48	0.088	6.62 ^a	3.19	0.000	25.59 ^a	17.86	0.000	7.70	7.27	0.698
South Carolina	7.88 ^a	5.99	0.010	4.83 ^a	3.01	0.009	19.48 ^a	11.87	0.000	6.23	5.35	0.298
South Dakota	10.79 ^a	7.96	0.002	9.77 ^a	3.61	0.000	26.15 ^a	16.94	0.000	7.93	6.93	0.349
Tennessee	5.97	5.57	0.507	4.77 ^a	3.10	0.022	14.83 ^a	11.62	0.044	4.63	4.87	0.732
Texas	7.62 ^a	6.67	0.038	5.84 ^a	3.08	0.000	16.78 ^a	13.12	0.000	6.10	5.99	0.841
Utah	6.87 ^a	5.36	0.038	4.72 ^a	2.67	0.006	12.98	11.45	0.339	5.50	4.43	0.228
Vermont	7.77	6.83	0.202	6.45 ^a	4.39	0.034	19.28 ^b	15.97	0.084	5.96	5.51	0.597
Virginia	7.33	7.39	0.943	6.18 ^a	3.22	0.000	17.60	15.99	0.377	5.81	6.41	0.520
Washington	7.47	7.60	0.863	5.83 ^a	3.47	0.002	18.24 ^b	14.84	0.059	5.85	6.90	0.251
West Virginia	6.52	6.06	0.498	6.32 ^a	3.56	0.002	16.12 ^a	12.53	0.026	4.99	5.34	0.655
Wisconsin	9.53 ^a	7.71	0.032	7.19 ^a	3.87	0.000	23.30 ^a	15.99	0.000	7.39	6.80	0.552
Wyoming	9.23	8.13	0.197	7.54 ^a	4.91	0.010	23.24 ^a	16.71	0.002	6.81	7.03	0.833

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 2012-2013 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).

^a Difference between the 2002-2003 estimate and the 2012-2013 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2012-2013 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, 2012, and 2013.

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 2012-2013 NSDUHs

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Total U.S.	3.34	3.18	0.163	2.09 ^a	1.15	0.000	6.87 ^a	5.77	0.000	2.90	2.99	0.510
Northeast	3.35	3.09	0.179	2.13 ^a	1.16	0.000	6.80 ^a	5.94	0.036	2.95	2.83	0.612
Midwest	3.51 ^a	3.18	0.039	2.19 ^a	1.14	0.000	7.70 ^a	5.71	0.000	2.94	3.00	0.767
South	3.14	3.05	0.557	1.94 ^a	1.09	0.000	6.42 ^a	5.28	0.000	2.73	2.91	0.353
West	3.48	3.47	0.980	2.19 ^a	1.24	0.000	6.77	6.45	0.480	3.06	3.22	0.558
Alabama	2.76	3.28	0.267	1.67	1.24	0.235	5.54	5.01	0.559	2.41	3.24	0.164
Alaska	3.75	3.27	0.355	2.33 ^a	0.94	0.000	7.09	6.60	0.679	3.45	2.96	0.457
Arizona	3.91	3.44	0.403	3.20 ^a	1.36	0.000	7.94 ^b	5.89	0.086	3.29	3.29	0.996
Arkansas	3.29	2.95	0.483	2.34 ^a	1.02	0.000	6.90	5.31	0.113	2.77	2.79	0.981
California	3.40	3.54	0.685	1.87 ^a	1.20	0.014	6.11	6.65	0.426	3.13	3.27	0.746
Colorado	3.73	3.50	0.645	2.51 ^a	1.24	0.001	7.74	6.44	0.255	3.20	3.28	0.904
Connecticut	2.96	3.21	0.640	1.88 ^a	0.97	0.013	6.60	5.93	0.556	2.57	3.06	0.458
Delaware	3.43	3.28	0.755	1.93 ^a	0.98	0.004	7.50	6.57	0.447	2.93	2.98	0.937
District of Columbia	4.81	5.12	0.678	1.44	1.06	0.289	6.76	8.95	0.140	4.73	4.56	0.856
Florida	2.91	2.91	0.994	1.79 ^a	1.08	0.005	6.45 ^a	4.50	0.001	2.54	2.86	0.402
Georgia	3.19	2.74	0.347	1.65 ^a	0.93	0.023	5.26	4.74	0.543	3.04	2.62	0.492
Hawaii	3.52	3.92	0.538	2.87 ^b	1.71	0.086	7.21	8.29	0.442	3.02	3.47	0.564
Idaho	3.66	2.95	0.155	2.83 ^a	1.16	0.000	7.23 ^a	5.07	0.036	3.06	2.83	0.719
Illinois	3.73 ^a	3.04	0.036	2.25 ^a	1.01	0.000	7.59 ^a	5.64	0.003	3.25	2.86	0.345
Indiana	3.17	3.12	0.909	2.19 ^a	1.24	0.010	7.47	5.92	0.150	2.52	2.87	0.531
Iowa	3.15	3.01	0.758	2.71 ^a	1.11	0.000	6.94	5.72	0.232	2.49	2.77	0.606
Kansas	2.88	3.41	0.282	1.81	1.22	0.101	6.81	5.53	0.209	2.28 ^b	3.31	0.091
Kentucky	2.81	3.09	0.520	1.92 ^b	1.24	0.070	5.98	5.33	0.502	2.37	2.95	0.295
Louisiana	3.87	3.08	0.125	2.67 ^a	1.03	0.000	7.50 ^b	5.50	0.062	3.32	2.90	0.517
Maine	3.33	3.35	0.968	2.36 ^a	1.19	0.003	8.12 ^a	5.91	0.043	2.73	3.21	0.426
Maryland	3.63	2.99	0.208	1.94 ^a	1.05	0.008	6.20	5.93	0.791	3.46	2.73	0.255
Massachusetts	3.95 ^b	3.03	0.077	2.89 ^a	1.07	0.000	7.45	6.17	0.249	3.52	2.70	0.198
Michigan	3.80	3.30	0.149	2.26 ^a	1.19	0.000	7.73 ^a	5.84	0.005	3.34	3.12	0.618
Minnesota	3.56	3.06	0.321	2.57 ^a	1.06	0.000	7.62 ^b	5.55	0.065	2.97	2.90	0.910
Mississippi	3.11	2.99	0.814	1.37	0.97	0.178	5.05	4.92	0.892	2.98	2.91	0.909
Missouri	3.17	3.13	0.920	1.87 ^a	1.12	0.027	7.60 ^a	5.37	0.032	2.57	2.99	0.455
Montana	4.43	3.84	0.365	4.75 ^a	1.64	0.000	9.64 ^b	7.26	0.076	3.46	3.52	0.934

(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 2012-2013 NSDUHs (continued)

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Nebraska	3.85	3.54	0.556	2.85 ^a	1.16	0.000	7.99	6.53	0.212	3.20	3.31	0.864
Nevada	3.44	3.67	0.667	2.23 ^a	1.40	0.043	6.84	6.85	0.997	3.07	3.44	0.568
New Hampshire	3.48	3.51	0.949	2.32 ^a	1.42	0.044	7.69	7.79	0.935	2.98	3.08	0.877
New Jersey	2.97	2.84	0.782	1.81 ^a	1.03	0.015	6.57	5.78	0.460	2.61	2.62	0.988
New Mexico	4.05	3.24	0.122	2.72 ^a	1.20	0.001	9.90 ^a	5.76	0.002	3.17	3.06	0.866
New York	3.60	3.23	0.283	2.17 ^a	1.26	0.001	6.48	5.69	0.227	3.30	3.02	0.517
North Carolina	3.05	2.76	0.536	1.93 ^a	1.08	0.018	6.13	4.95	0.221	2.69	2.60	0.881
North Dakota	3.75	3.69	0.916	3.25 ^a	1.49	0.001	8.42	7.30	0.358	2.84	3.15	0.607
Ohio	3.39	3.01	0.250	1.72 ^a	1.08	0.007	7.87 ^a	5.16	0.000	2.85	2.89	0.927
Oklahoma	2.86	3.29	0.367	2.02 ^a	1.03	0.003	6.61	5.23	0.181	2.26 ^b	3.23	0.099
Oregon	3.31	3.49	0.723	2.13 ^a	1.25	0.014	7.26	6.53	0.500	2.80	3.26	0.435
Pennsylvania	2.90	2.87	0.918	1.89 ^a	1.16	0.005	6.56	5.89	0.304	2.44	2.56	0.760
Rhode Island	4.39	3.97	0.517	2.41 ^a	1.24	0.009	10.70 ^b	8.29	0.090	3.49	3.45	0.957
South Carolina	3.64	3.09	0.294	1.76 ^a	1.00	0.015	7.93 ^a	4.56	0.001	3.13	3.09	0.947
South Dakota	4.50	3.58	0.112	3.86 ^a	1.18	0.000	8.72	7.17	0.212	3.77	3.24	0.463
Tennessee	2.71	2.87	0.722	1.71 ^b	1.08	0.071	5.87	4.93	0.316	2.31	2.74	0.426
Texas	3.11	3.17	0.850	1.93 ^a	1.14	0.003	6.69 ^b	5.55	0.064	2.60	3.02	0.268
Utah	3.14	2.63	0.258	1.77 ^a	0.89	0.012	5.61	4.32	0.152	2.67	2.54	0.827
Vermont	3.25	3.20	0.907	2.90 ^a	1.34	0.001	7.10	6.43	0.556	2.64	2.84	0.740
Virginia	3.48	3.46	0.976	2.60 ^a	1.19	0.001	7.38	7.04	0.773	2.96	3.12	0.788
Washington	3.16	3.37	0.654	2.19 ^b	1.40	0.055	7.44	6.61	0.452	2.56	3.07	0.371
West Virginia	2.74	3.06	0.485	2.30 ^a	1.17	0.005	6.01	4.87	0.236	2.26	2.98	0.196
Wisconsin	3.64	3.62	0.961	2.27 ^a	1.40	0.034	8.56 ^b	6.35	0.054	2.95	3.43	0.464
Wyoming	3.57	3.90	0.534	2.40 ^a	1.49	0.036	8.17	8.05	0.932	2.87	3.46	0.358

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 2012-2013 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).

^a Difference between the 2002-2003 estimate and the 2012-2013 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2012-2013 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, 2012, and 2013.

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 2012-2013 NSDUHs*

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Total U.S.	2.95 ^a	2.71	0.012	5.35 ^a	3.76	0.000	8.02 ^b	7.59	0.078	1.74	1.74	0.946
Northeast	2.97 ^a	2.68	0.041	5.45 ^a	3.60	0.000	8.99 ^a	8.02	0.032	1.70	1.69	0.955
Midwest	2.84 ^b	2.61	0.057	5.47 ^a	3.47	0.000	7.69	7.16	0.111	1.60	1.73	0.351
South	2.92 ^a	2.64	0.023	5.22 ^a	3.66	0.000	7.53	7.08	0.143	1.80	1.76	0.744
West	3.09	2.93	0.331	5.36 ^a	4.27	0.005	8.36	8.43	0.885	1.79	1.77	0.917
Alabama	2.68	2.65	0.916	4.67 ^a	2.88	0.012	6.53	5.87	0.489	1.73	2.06	0.388
Alaska	3.13	2.74	0.221	6.31 ^a	3.07	0.000	8.57	8.16	0.740	1.62	1.68	0.867
Arizona	3.35	3.05	0.428	6.83 ^b	4.83	0.066	8.15	7.24	0.445	1.98	2.08	0.823
Arkansas	2.96	3.02	0.866	5.13	4.03	0.164	7.94	7.55	0.730	1.77	2.12	0.402
California	3.01	2.90	0.660	4.93	4.19	0.194	7.82	8.96	0.149	1.84	1.60	0.401
Colorado	3.23	3.15	0.814	5.02	4.83	0.834	10.20	9.59	0.664	1.78	1.86	0.823
Connecticut	2.88	2.50	0.249	5.41 ^a	3.50	0.020	9.20	8.37	0.500	1.62	1.45	0.620
Delaware	3.03	3.07	0.927	5.26 ^b	3.75	0.063	8.03	8.75	0.546	1.89	2.03	0.721
District of Columbia	3.96	3.87	0.867	4.30	4.19	0.898	8.72	8.38	0.794	2.99	2.84	0.813
Florida	3.12 ^a	2.51	0.016	5.77 ^a	4.00	0.001	8.41	7.39	0.161	2.04	1.62	0.144
Georgia	2.88	3.09	0.550	4.93	3.95	0.221	6.35	7.51	0.287	1.95	2.19	0.569
Hawaii	2.75	2.64	0.795	5.77	4.20	0.135	8.13	7.57	0.674	1.48	1.69	0.638
Idaho	2.93 ^b	2.34	0.051	6.02 ^a	3.69	0.006	7.66	6.73	0.401	1.46	1.38	0.802
Illinois	2.81 ^a	2.25	0.008	5.36 ^a	3.25	0.000	7.69	6.77	0.169	1.59	1.36	0.343
Indiana	2.84	3.00	0.614	4.68	3.82	0.277	7.88	8.64	0.519	1.64	1.89	0.493
Iowa	2.52	2.17	0.277	4.81 ^a	2.52	0.002	6.61	6.63	0.986	1.44	1.34	0.770
Kansas	2.52	2.18	0.303	4.35 ^a	2.74	0.023	6.66	5.96	0.515	1.44	1.43	0.960
Kentucky	2.80	2.65	0.663	5.24 ^a	3.02	0.004	7.41	7.06	0.754	1.69	1.88	0.597
Louisiana	3.34	2.93	0.255	5.07	3.90	0.138	7.63	7.08	0.624	2.21	2.05	0.698
Maine	2.94	2.61	0.319	5.66 ^a	3.31	0.003	9.78	8.88	0.481	1.57	1.66	0.804
Maryland	3.02	2.62	0.224	5.22 ^a	3.39	0.020	9.15	8.11	0.413	1.75	1.62	0.716
Massachusetts	3.63 ^a	2.83	0.034	6.44 ^a	3.63	0.002	11.41 ^a	8.18	0.025	2.05	1.80	0.524
Michigan	2.99	3.00	0.942	6.16 ^a	4.13	0.000	7.52	6.80	0.292	1.75	2.21	0.148
Minnesota	2.75	2.42	0.289	5.73 ^a	2.93	0.000	7.45	6.85	0.597	1.48	1.64	0.628
Mississippi	2.85	2.82	0.932	4.23	3.54	0.355	6.79	6.31	0.639	1.84	2.08	0.589
Missouri	3.01	2.66	0.253	5.13 ^a	3.57	0.035	8.54	7.85	0.550	1.74	1.67	0.846
Montana	3.19 ^b	2.56	0.057	7.18 ^a	3.50	0.000	8.48	7.82	0.577	1.69	1.60	0.805

(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 2012-2013 NSDUHs (continued)

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Nebraska	2.84	2.67	0.596	5.92 ^a	4.13	0.043	7.04	6.78	0.803	1.59	1.76	0.639
Nevada	2.98	2.63	0.278	5.98 ^a	3.98	0.027	8.03	7.45	0.622	1.78	1.69	0.787
New Hampshire	3.37	2.87	0.163	6.95 ^a	4.38	0.010	11.18	9.39	0.208	1.67	1.68	0.969
New Jersey	2.69	2.22	0.107	5.06 ^a	3.15	0.012	7.82	7.86	0.976	1.65	1.26	0.219
New Mexico	3.81	3.27	0.234	6.05	4.98	0.312	11.15 ^a	7.75	0.020	2.09	2.26	0.725
New York	3.03	2.71	0.168	5.28 ^a	3.84	0.005	8.87	7.95	0.216	1.78	1.67	0.692
North Carolina	2.94	3.38	0.236	5.67	4.24	0.106	7.39	9.06	0.150	1.83	2.32	0.232
North Dakota	2.79	2.69	0.761	5.89 ^a	3.13	0.001	7.33	6.85	0.656	1.41	1.74	0.334
Ohio	2.93	2.92	0.962	5.61 ^a	3.55	0.000	8.36	7.73	0.387	1.63	2.05	0.125
Oklahoma	2.85 ^a	2.17	0.039	5.13 ^a	2.44	0.001	7.89	6.40	0.209	1.56	1.37	0.593
Oregon	3.05	3.24	0.607	5.27	5.12	0.872	9.44	8.24	0.348	1.67	2.24	0.161
Pennsylvania	2.60	2.83	0.318	5.11 ^a	3.42	0.000	7.76	7.68	0.910	1.44 ^b	1.96	0.055
Rhode Island	3.90	3.72	0.725	6.15	4.97	0.276	12.71 ^a	8.99	0.016	2.02	2.57	0.322
South Carolina	2.85	2.89	0.900	4.67	3.85	0.310	7.87	7.34	0.626	1.72	2.02	0.427
South Dakota	2.67 ^b	2.14	0.098	5.83 ^a	2.64	0.000	7.10	5.67	0.164	1.32	1.46	0.671
Tennessee	2.80	2.49	0.344	4.85 ^a	3.32	0.040	7.08	6.98	0.928	1.82	1.65	0.657
Texas	2.73 ^a	2.20	0.018	5.14 ^a	3.63	0.006	6.89 ^b	5.82	0.099	1.53	1.31	0.374
Utah	2.85	2.88	0.928	4.75	3.73	0.210	5.98	6.97	0.347	1.57	1.79	0.538
Vermont	3.63 ^b	2.91	0.060	7.86 ^a	3.76	0.000	12.03 ^b	9.17	0.056	1.62	1.75	0.725
Virginia	3.03	2.61	0.188	5.67 ^a	3.51	0.006	8.55	7.79	0.532	1.79	1.63	0.648
Washington	3.29	3.02	0.468	6.05 ^a	3.94	0.018	10.50 ^a	7.86	0.039	1.67	2.12	0.242
West Virginia	2.96	2.73	0.514	5.58 ^a	3.35	0.004	9.27 ^a	6.95	0.047	1.64	2.02	0.320
Wisconsin	2.71	2.30	0.192	5.86 ^a	3.50	0.006	7.28	6.61	0.531	1.45	1.44	0.973
Wyoming	2.64	2.27	0.191	4.53	3.42	0.155	8.18 ^b	6.20	0.075	1.32	1.45	0.665

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 2012-2013 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.

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

^a Difference between the 2002-2003 estimate and the 2012-2013 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2012-2013 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, 2012, and 2013.

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 2012-2013 NSDUHs

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Total U.S.	1.91	1.91	0.965	2.97 ^a	1.96	0.000	5.36	5.38	0.950	1.16	1.31	0.102
Northeast	1.97	1.99	0.880	3.07 ^a	1.92	0.000	6.12	5.76	0.320	1.17	1.36	0.157
Midwest	1.86	1.84	0.862	3.07 ^a	1.91	0.000	5.14	5.15	0.980	1.10	1.26	0.162
South	1.89	1.83	0.516	2.93 ^a	1.99	0.000	5.02	4.91	0.693	1.20	1.28	0.533
West	1.93	2.04	0.386	2.84 ^a	2.01	0.000	5.54	6.01	0.259	1.13	1.34	0.173
Alabama	1.77	1.70	0.802	2.56 ^b	1.70	0.069	4.65	4.23	0.599	1.15	1.26	0.702
Alaska	2.08	1.77	0.234	3.33 ^a	1.64	0.001	6.00	5.63	0.712	1.18	1.06	0.664
Arizona	1.98	1.70	0.247	3.77 ^a	1.81	0.001	5.88	4.66	0.175	1.02	1.18	0.559
Arkansas	1.95	1.93	0.930	2.97 ^b	1.98	0.051	5.29	4.82	0.595	1.22	1.43	0.504
California	1.88	2.14	0.207	2.62 ^b	2.03	0.100	5.22 ^b	6.49	0.053	1.15	1.34	0.416
Colorado	2.01	2.09	0.759	2.78	2.10	0.208	6.46	6.69	0.830	1.13	1.32	0.520
Connecticut	1.86	1.83	0.909	2.89 ^a	1.83	0.044	6.08	6.31	0.824	1.11	1.12	0.967
Delaware	1.98	2.26	0.309	2.87 ^b	2.01	0.078	5.65	6.23	0.551	1.23	1.62	0.217
District of Columbia	2.95	3.03	0.857	2.06	2.34	0.609	6.26	6.12	0.889	2.37	2.39	0.970
Florida	2.02	1.85	0.383	3.20 ^a	2.14	0.005	5.83	5.23	0.316	1.34	1.31	0.901
Georgia	1.86	1.96	0.714	2.73 ^b	1.88	0.074	3.89	4.76	0.272	1.37	1.48	0.748
Hawaii	1.70	1.82	0.701	2.87 ^a	1.74	0.043	5.39	5.11	0.795	0.96	1.31	0.300
Idaho	1.79	1.60	0.430	3.18 ^a	1.81	0.009	4.67	4.91	0.779	0.97	0.99	0.941
Illinois	1.89	1.65	0.154	3.26 ^a	1.77	0.000	5.00	4.73	0.611	1.15	1.11	0.834
Indiana	1.85	2.08	0.366	2.80	2.03	0.108	5.21	6.32	0.237	1.10	1.33	0.407
Iowa	1.61	1.49	0.574	2.53 ^a	1.60	0.034	4.51	4.12	0.602	0.94	1.01	0.795
Kansas	1.67	1.41	0.256	2.66 ^a	1.46	0.013	4.66	3.87	0.316	0.95	0.96	0.982
Kentucky	1.91	2.03	0.653	3.31 ^a	1.80	0.004	4.94	5.61	0.462	1.21	1.47	0.402
Louisiana	2.17	2.10	0.811	2.67	2.05	0.208	5.07	5.49	0.650	1.51	1.49	0.953
Maine	1.74	1.87	0.602	2.90 ^a	1.85	0.035	6.39	6.43	0.968	0.90	1.23	0.193
Maryland	2.00	2.05	0.846	2.95 ^b	2.06	0.092	5.85	6.02	0.864	1.26	1.40	0.650
Massachusetts	2.43	2.14	0.343	3.46 ^a	2.11	0.018	8.33 ^b	6.03	0.051	1.36	1.46	0.765
Michigan	1.93	1.98	0.758	3.34 ^a	2.19	0.002	5.16	4.98	0.748	1.16	1.44	0.228
Minnesota	1.76	1.71	0.808	3.42 ^a	1.70	0.001	5.02	4.66	0.686	0.94	1.22	0.278
Mississippi	1.84	1.88	0.879	2.49	1.99	0.295	4.25	4.28	0.970	1.25	1.43	0.598
Missouri	1.88	1.95	0.762	2.94 ^a	1.95	0.044	5.55	6.02	0.612	1.08	1.26	0.513
Montana	1.90	1.86	0.880	3.62 ^a	2.05	0.007	5.37	5.80	0.654	1.03	1.19	0.568

(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 2012-2013 NSDUHs (continued)

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Nebraska	1.93	1.59	0.158	3.47 ^a	1.88	0.005	4.68	4.64	0.959	1.17	1.01	0.559
Nevada	1.91	1.95	0.897	3.41 ^a	2.05	0.017	5.52	5.63	0.912	1.15	1.35	0.498
New Hampshire	2.07	2.13	0.841	3.19 ^b	2.27	0.096	7.36	7.35	0.994	1.10	1.29	0.498
New Jersey	1.72	1.78	0.772	2.80 ^a	1.67	0.019	5.52	5.91	0.684	1.04	1.17	0.601
New Mexico	2.11	2.29	0.578	3.12	2.47	0.326	6.94	5.80	0.333	1.05 ^b	1.66	0.090
New York	2.10	2.01	0.683	3.18 ^a	1.88	0.000	6.03	5.54	0.424	1.31	1.41	0.657
North Carolina	1.89	1.94	0.848	3.30 ^a	1.99	0.018	4.96	5.69	0.428	1.19	1.31	0.682
North Dakota	1.69	1.96	0.269	3.17 ^a	1.86	0.014	4.35	5.04	0.424	0.92	1.30	0.184
Ohio	1.97	2.19	0.254	2.83 ^a	2.14	0.046	5.76	5.90	0.816	1.19 ^b	1.58	0.096
Oklahoma	1.88	1.51	0.119	2.89 ^a	1.54	0.005	5.55	4.29	0.135	1.03	1.01	0.946
Oregon	2.02	2.20	0.529	2.46	2.30	0.758	6.22	6.04	0.858	1.25	1.59	0.314
Pennsylvania	1.68 ^b	1.99	0.075	2.90 ^a	2.03	0.011	5.06	5.37	0.569	0.98 ^a	1.42	0.029
Rhode Island	2.63	2.55	0.843	3.62 ^b	2.36	0.051	8.27	6.32	0.109	1.48	1.85	0.419
South Carolina	1.75	2.09	0.204	2.55	2.14	0.393	4.37	5.60	0.150	1.17	1.48	0.334
South Dakota	1.66	1.35	0.180	3.01 ^a	1.47	0.002	4.47	3.67	0.277	0.90	0.93	0.920
Tennessee	1.83	1.89	0.807	2.95 ^a	1.91	0.038	4.74	5.16	0.634	1.20	1.35	0.598
Texas	1.71	1.51	0.213	2.85 ^a	2.04	0.026	4.68	3.97	0.171	0.95	0.98	0.886
Utah	1.77	1.81	0.887	2.62 ^a	1.66	0.050	3.67	4.76	0.185	1.05	1.15	0.724
Vermont	2.16	2.28	0.649	3.62 ^a	2.37	0.036	7.57	7.18	0.743	1.03	1.43	0.174
Virginia	1.99	1.82	0.523	2.99 ^a	1.97	0.041	5.65	5.22	0.637	1.26	1.23	0.920
Washington	2.12	2.01	0.675	3.08 ^a	1.99	0.030	6.90	5.29	0.102	1.17	1.47	0.303
West Virginia	1.86	1.91	0.867	3.11 ^a	1.85	0.016	6.03	5.08	0.288	1.05	1.43	0.198
Wisconsin	1.73	1.57	0.472	3.08 ^a	1.79	0.015	4.78	4.67	0.890	1.00	1.03	0.902
Wyoming	1.71	1.65	0.784	2.67 ^b	1.78	0.070	5.18	4.50	0.436	0.92	1.14	0.367

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 2012-2013 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.

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

^a Difference between the 2002-2003 estimate and the 2012-2013 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2012-2013 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, 2012, and 2013.

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 2012-2013 NSDUHs

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Total U.S.	9.22 ^a	8.37	0.000	8.89 ^a	5.66	0.000	21.37 ^a	18.09	0.000	7.15	7.04	0.608
Northeast	8.88 ^b	8.32	0.087	8.91 ^a	5.65	0.000	21.57 ^a	19.10	0.000	6.86	6.83	0.947
Midwest	9.92 ^a	8.47	0.000	9.46 ^a	5.40	0.000	23.37 ^a	18.39	0.000	7.58	7.16	0.201
South	8.77 ^a	7.99	0.002	8.44 ^a	5.61	0.000	20.21 ^a	16.80	0.000	6.82	6.78	0.887
West	9.52 ^b	8.94	0.097	9.00 ^a	5.97	0.000	21.01 ^a	19.06	0.008	7.49	7.50	0.973
Alabama	7.40	7.69	0.712	7.14	5.67	0.137	16.46	15.02	0.372	5.83	6.67	0.367
Alaska	10.41	9.14	0.181	9.45 ^a	4.65	0.000	23.91 ^a	19.31	0.019	8.31	7.84	0.688
Arizona	11.04 ^a	9.01	0.027	10.62 ^a	6.38	0.000	23.42 ^a	18.34	0.011	8.87	7.73	0.308
Arkansas	9.10 ^b	7.71	0.082	9.02 ^a	5.67	0.002	21.53 ^a	17.24	0.023	6.90	6.35	0.557
California	9.00	8.75	0.639	8.27 ^a	5.83	0.000	19.40	19.16	0.843	7.21	7.20	0.995
Colorado	10.81	9.76	0.252	9.24 ^a	6.68	0.025	25.03 ^b	21.48	0.079	8.55	8.15	0.716
Connecticut	8.80	8.33	0.565	8.95 ^a	5.29	0.000	22.74 ^b	18.93	0.054	6.76	7.02	0.793
Delaware	9.29	9.23	0.950	8.74 ^a	5.68	0.003	21.46	20.62	0.673	7.26	7.71	0.658
District of Columbia	11.87	13.84	0.110	5.95	6.27	0.765	21.16	21.86	0.749	10.56	12.60	0.168
Florida	8.80 ^b	7.88	0.091	8.85 ^a	5.72	0.000	21.29 ^a	16.17	0.000	7.01	6.86	0.814
Georgia	9.11 ^a	7.29	0.022	7.82 ^a	5.13	0.008	19.07 ^a	14.88	0.017	7.49	6.22	0.186
Hawaii	9.15	8.68	0.617	9.95 ^a	6.81	0.022	23.25	20.15	0.154	6.79	7.08	0.785
Idaho	9.75 ^b	8.30	0.078	10.91 ^a	5.94	0.000	21.24 ^a	16.21	0.004	7.19	7.25	0.949
Illinois	10.11 ^a	7.71	0.000	9.05 ^a	4.79	0.000	23.32 ^a	17.64	0.000	7.92 ^a	6.41	0.025
Indiana	9.32	8.81	0.532	8.81 ^a	5.94	0.008	23.20	20.16	0.132	6.84	7.16	0.739
Iowa	9.47 ^a	7.89	0.049	9.51 ^a	4.73	0.000	22.21 ^a	17.86	0.021	7.04	6.52	0.581
Kansas	8.33	8.41	0.928	7.33 ^a	5.02	0.018	20.75 ^a	16.83	0.036	6.07	7.33	0.190
Kentucky	8.04	7.91	0.871	8.27 ^a	5.12	0.001	18.86	17.68	0.524	6.13	6.64	0.563
Louisiana	9.70 ^b	8.16	0.053	8.67 ^a	6.07	0.017	20.91 ^a	16.27	0.009	7.60	6.95	0.499
Maine	8.81	8.59	0.800	9.07 ^a	5.20	0.000	21.37	20.03	0.463	6.89	7.34	0.656
Maryland	9.19	8.02	0.162	8.20 ^a	5.18	0.003	20.17	18.27	0.311	7.59	6.67	0.357
Massachusetts	10.71 ^b	8.91	0.051	10.82 ^a	5.55	0.000	24.13 ^a	19.96	0.040	8.55	7.34	0.260
Michigan	10.05 ^a	8.77	0.026	9.80 ^a	5.82	0.000	21.81 ^a	17.43	0.000	8.04	7.65	0.575
Minnesota	10.57 ^a	8.41	0.013	10.60 ^a	4.93	0.000	24.61 ^a	18.20	0.002	8.02	7.24	0.447
Mississippi	7.91	7.78	0.872	6.29	5.69	0.541	17.46	14.67	0.110	6.22	6.80	0.565
Missouri	9.58	8.38	0.139	9.19 ^a	5.76	0.002	23.72 ^a	18.07	0.003	7.14	7.06	0.933
Montana	12.02 ^b	10.16	0.065	15.02 ^a	6.84	0.000	26.55 ^b	22.57	0.053	9.00	8.51	0.689

(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 2012-2013 NSDUHs (continued)

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Nebraska	11.07 ^b	9.41	0.070	11.75 ^a	6.49	0.000	26.52 ^a	19.96	0.001	7.98	7.92	0.954
Nevada	9.75	9.20	0.545	10.26 ^a	5.83	0.000	21.32	18.59	0.171	7.87	8.12	0.816
New Hampshire	10.90 ^b	9.34	0.088	11.69 ^a	6.82	0.000	27.70 ^b	23.66	0.052	8.18	7.37	0.460
New Jersey	7.59	7.59	0.995	8.08 ^a	5.16	0.003	19.65	19.25	0.828	5.80	6.12	0.726
New Mexico	12.04 ^a	9.57	0.019	11.74 ^a	7.20	0.002	27.35 ^a	18.32	0.000	9.24	8.36	0.486
New York	8.88	8.24	0.225	8.61 ^a	5.82	0.000	20.33 ^a	17.81	0.026	7.02	6.84	0.780
North Carolina	8.31	8.43	0.886	8.30 ^a	5.88	0.030	20.21	18.46	0.359	6.32	7.07	0.423
North Dakota	11.60 ^b	9.85	0.065	12.97 ^a	5.84	0.000	27.99 ^a	20.72	0.000	7.98	7.93	0.971
Ohio	9.56 ^a	8.35	0.023	8.99 ^a	5.16	0.000	22.42 ^a	18.38	0.000	7.43	7.10	0.601
Oklahoma	8.66	8.42	0.771	8.96 ^a	4.87	0.000	21.08 ^b	17.51	0.063	6.23	7.25	0.306
Oregon	9.25	9.27	0.979	9.35 ^a	6.49	0.013	22.35	19.28	0.109	7.02	8.01	0.337
Pennsylvania	8.30	8.28	0.964	8.45 ^a	5.74	0.000	21.57 ^b	19.66	0.094	6.14	6.68	0.375
Rhode Island	11.97	10.78	0.242	9.88 ^a	6.48	0.005	29.42 ^a	22.60	0.002	9.04	8.99	0.961
South Carolina	9.26	8.01	0.132	7.71 ^b	5.74	0.051	22.59 ^a	16.49	0.002	7.11	6.84	0.782
South Dakota	11.70 ^a	9.01	0.004	12.84 ^a	5.04	0.000	28.81 ^a	19.73	0.000	8.18	7.62	0.609
Tennessee	7.94	7.40	0.471	7.86 ^a	5.18	0.009	19.07	16.10	0.113	6.08	6.24	0.855
Texas	8.98 ^a	7.97	0.039	8.81 ^a	5.82	0.000	20.09 ^a	16.52	0.001	6.82	6.67	0.804
Utah	7.99	7.07	0.232	6.98 ^a	4.56	0.015	15.73	15.14	0.740	5.90	5.66	0.796
Vermont	9.90	9.23	0.443	11.47 ^a	6.56	0.000	24.33 ^b	21.03	0.098	7.20	7.49	0.782
Virginia	9.09	8.52	0.499	9.40 ^a	5.64	0.000	22.13	19.49	0.165	6.93	6.99	0.953
Washington	9.48	9.40	0.922	9.30 ^a	5.85	0.002	23.41 ^a	19.48	0.042	7.12	8.16	0.304
West Virginia	8.13	8.22	0.916	9.30 ^a	5.70	0.001	20.37 ^a	16.62	0.045	6.02	7.20	0.188
Wisconsin	10.65	9.41	0.164	10.09 ^a	6.22	0.001	26.38 ^a	20.28	0.002	7.91	7.99	0.937
Wyoming	10.07	9.66	0.641	9.77 ^a	6.69	0.005	25.38 ^a	18.90	0.001	7.21	8.42	0.252

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 2012-2013 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.

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

^a Difference between the 2002-2003 estimate and the 2012-2013 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2012-2013 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, 2012, and 2013.

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 2012-2013 NSDUHs*

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Total U.S.	2.66 ^a	2.42	0.007	5.00 ^a	3.49	0.000	7.45 ^a	6.94	0.029	1.50	1.51	0.931
Northeast	2.63	2.41	0.105	5.10 ^a	3.30	0.000	8.33 ^a	7.18	0.006	1.41	1.51	0.493
Midwest	2.53 ^b	2.31	0.061	5.09 ^a	3.17	0.000	7.11 ^b	6.50	0.054	1.35	1.48	0.321
South	2.61 ^b	2.37	0.054	4.87 ^a	3.42	0.000	6.96	6.55	0.199	1.54	1.52	0.920
West	2.90 ^b	2.60	0.081	5.01 ^a	4.00	0.005	7.89	7.75	0.782	1.67	1.51	0.378
Alabama	2.22	2.42	0.527	4.25 ^b	2.99	0.068	5.94	5.69	0.790	1.28	1.79	0.173
Alaska	3.13 ^a	2.43	0.047	5.55 ^a	2.79	0.000	8.08	7.56	0.654	1.83	1.42	0.315
Arizona	3.21	2.72	0.194	6.65 ^a	4.42	0.026	7.80	6.92	0.428	1.88	1.76	0.799
Arkansas	2.67	2.46	0.519	4.78 ^b	3.38	0.057	7.51	6.96	0.625	1.52	1.58	0.873
California	2.81	2.60	0.403	4.57	3.97	0.232	7.33	8.20	0.272	1.72	1.39	0.237
Colorado	3.04	2.71	0.365	4.72	4.62	0.901	9.68	8.54	0.398	1.66	1.50	0.703
Connecticut	2.81 ^b	2.23	0.088	5.05 ^a	3.32	0.031	8.19	7.33	0.454	1.73	1.29	0.268
Delaware	2.60	2.58	0.957	4.50	3.34	0.114	6.70	7.46	0.501	1.65	1.67	0.957
District of Columbia	3.02	3.38	0.445	3.80	4.10	0.724	8.13	7.79	0.787	1.94	2.34	0.477
Florida	2.83 ^a	2.24	0.012	5.20 ^a	3.81	0.007	7.76	6.61	0.105	1.83	1.41	0.112
Georgia	2.55	2.69	0.674	4.79	3.61	0.116	5.92	6.87	0.339	1.62	1.82	0.606
Hawaii	2.63	2.37	0.551	5.47	3.87	0.107	7.73	7.00	0.578	1.43	1.48	0.912
Idaho	2.75 ^a	2.09	0.021	5.82 ^a	3.53	0.004	7.21	6.34	0.387	1.34	1.15	0.545
Illinois	2.48 ^b	2.12	0.078	5.01 ^a	3.11	0.000	6.96	6.24	0.273	1.34	1.30	0.871
Indiana	2.52	2.53	0.971	4.14	3.37	0.291	6.96	7.41	0.674	1.47	1.56	0.814
Iowa	2.36	1.96	0.201	4.18 ^a	2.52	0.013	6.00	6.14	0.892	1.43	1.15	0.449
Kansas	2.20	1.95	0.348	3.88 ^b	2.67	0.053	6.29	5.51	0.418	1.16	1.20	0.878
Kentucky	2.56	2.30	0.398	5.02 ^a	2.83	0.002	6.98	6.05	0.364	1.49	1.62	0.719
Louisiana	2.89	2.66	0.540	4.25	3.46	0.303	6.77	6.82	0.954	1.90	1.79	0.816
Maine	2.84 ^b	2.27	0.086	5.35 ^a	3.04	0.003	8.95	7.96	0.421	1.61	1.39	0.569
Maryland	2.68	2.34	0.252	4.96 ^a	3.08	0.010	8.62	7.10	0.185	1.43	1.46	0.929
Massachusetts	3.12 ^b	2.47	0.055	6.08 ^a	3.41	0.002	10.41 ^a	7.36	0.015	1.60	1.51	0.801
Michigan	2.60	2.58	0.931	5.88 ^a	3.80	0.000	7.19	6.37	0.204	1.33	1.77	0.106
Minnesota	2.57 ^b	2.01	0.056	5.46 ^a	2.60	0.000	6.97	5.45	0.113	1.36	1.38	0.963
Mississippi	2.52	2.54	0.945	3.92	3.23	0.327	6.26	5.79	0.633	1.55	1.85	0.466
Missouri	2.78 ^b	2.25	0.097	4.66 ^a	2.94	0.013	8.01	7.19	0.475	1.60	1.33	0.456
Montana	2.90 ^a	2.19	0.018	6.42 ^a	3.17	0.000	8.02	7.24	0.499	1.49	1.26	0.484

(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 2012-2013 NSDUHs (continued)*

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Nebraska	2.64	2.31	0.285	5.36 ^a	3.51	0.018	6.25	6.25	0.997	1.55	1.46	0.813
Nevada	2.69	2.35	0.281	5.40 ^a	3.55	0.026	7.75	7.06	0.554	1.54	1.45	0.811
New Hampshire	3.01	2.49	0.148	6.54 ^a	3.90	0.005	10.57	8.61	0.149	1.35	1.37	0.947
New Jersey	2.27	1.95	0.248	4.64 ^a	2.92	0.013	7.07	6.70	0.728	1.28	1.11	0.607
New Mexico	3.50	2.84	0.129	5.64	4.77	0.393	10.19 ^a	7.05	0.021	1.92	1.87	0.911
New York	2.74	2.55	0.403	4.98 ^a	3.52	0.003	8.38	7.29	0.133	1.52	1.61	0.710
North Carolina	2.62	3.02	0.302	5.21	4.00	0.175	6.65	8.59	0.103	1.60	1.97	0.402
North Dakota	2.59	2.28	0.312	5.37 ^a	2.64	0.000	6.90	5.78	0.262	1.31	1.48	0.626
Ohio	2.61	2.67	0.797	5.24 ^a	3.29	0.000	7.76	7.22	0.427	1.36 ^b	1.84	0.072
Oklahoma	2.74 ^a	1.88	0.007	4.91 ^a	2.35	0.000	7.25	5.88	0.198	1.56	1.10	0.224
Oregon	2.88	2.87	0.974	5.07	4.58	0.570	9.17	7.58	0.192	1.53	1.93	0.338
Pennsylvania	2.24	2.48	0.266	4.80 ^a	3.05	0.000	7.21	6.81	0.555	1.11 ^a	1.69	0.019
Rhode Island	3.18	2.99	0.642	5.54	4.28	0.183	11.23 ^a	8.05	0.025	1.42	1.88	0.274
South Carolina	2.43	2.52	0.764	4.32	3.50	0.263	7.31	6.74	0.613	1.31	1.69	0.284
South Dakota	2.37 ^b	1.87	0.092	5.08 ^a	2.40	0.000	6.20	5.19	0.288	1.21	1.22	0.966
Tennessee	2.54	2.27	0.390	4.43 ^b	3.05	0.051	6.71	6.57	0.900	1.59	1.47	0.731
Texas	2.47 ^a	2.05	0.049	4.91 ^a	3.45	0.006	6.39	5.57	0.197	1.31	1.19	0.621
Utah	2.69	2.55	0.650	4.22	3.53	0.367	5.42	6.43	0.288	1.59	1.49	0.770
Vermont	3.39 ^a	2.54	0.021	7.19 ^a	3.52	0.000	11.52 ^a	8.11	0.011	1.49	1.48	0.971
Virginia	2.69	2.37	0.299	5.51 ^a	3.28	0.004	7.95	7.20	0.511	1.46	1.45	0.978
Washington	3.08	2.60	0.176	5.76 ^a	3.68	0.012	10.00 ^a	7.18	0.028	1.53	1.72	0.612
West Virginia	2.46	2.47	0.971	5.29 ^a	3.05	0.003	8.37 ^b	6.45	0.077	1.18 ^b	1.81	0.062
Wisconsin	2.28	2.05	0.394	5.67 ^a	3.15	0.002	6.84	6.18	0.527	0.99	1.23	0.392
Wyoming	2.46	2.01	0.110	4.23	3.17	0.129	7.82 ^a	5.69	0.042	1.19	1.24	0.878

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 2012-2013 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.

^a Difference between the 2002-2003 estimate and the 2012-2013 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2012-2013 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, 2012, and 2013.

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 2012-2013 NSDUHs

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Total U.S.	7.19 ^a	6.40	0.000	5.59 ^a	2.96	0.000	16.89 ^a	13.34	0.000	5.73	5.63	0.611
Northeast	6.77	6.37	0.155	5.54 ^a	3.10	0.000	16.94 ^a	13.77	0.000	5.31	5.51	0.562
Midwest	7.96 ^a	6.52	0.000	6.15 ^a	2.99	0.000	18.96 ^a	13.61	0.000	6.25 ^b	5.76	0.093
South	6.79 ^a	6.09	0.001	5.19 ^a	2.82	0.000	15.99 ^a	12.53	0.000	5.41	5.40	0.975
West	7.41 ^a	6.79	0.029	5.69 ^a	3.05	0.000	16.15 ^a	14.05	0.002	6.06	5.97	0.789
Alabama	5.81	6.09	0.657	4.65 ^b	3.27	0.059	13.20	12.03	0.436	4.65	5.41	0.325
Alaska	7.76	6.64	0.161	5.37 ^a	2.54	0.000	18.23 ^a	13.53	0.006	6.44	5.90	0.591
Arizona	9.02 ^a	6.69	0.006	7.16 ^a	3.21	0.000	18.75 ^a	12.88	0.001	7.54	6.07	0.147
Arkansas	7.33 ^a	5.34	0.004	6.08 ^a	2.63	0.000	17.14 ^a	12.19	0.003	5.76	4.52	0.124
California	6.95	6.79	0.716	5.05 ^a	2.92	0.000	14.54	14.35	0.860	5.84	5.89	0.931
Colorado	8.55 ^a	6.95	0.035	6.24 ^a	3.09	0.000	20.00 ^a	14.92	0.006	6.87	6.07	0.380
Connecticut	6.44	6.79	0.639	5.24 ^a	2.85	0.001	18.16 ^a	14.34	0.031	4.90	6.07	0.192
Delaware	7.09	6.65	0.537	5.50 ^a	2.81	0.000	17.19	14.96	0.187	5.56	5.67	0.895
District of Columbia	8.88 ^a	11.38	0.017	2.48	2.39	0.879	16.09	17.63	0.441	8.03 ^a	10.65	0.039
Florida	6.47	5.85	0.166	4.93 ^a	2.66	0.000	16.46 ^a	11.83	0.000	5.22	5.28	0.917
Georgia	7.07 ^a	5.34	0.012	4.68 ^a	2.29	0.000	14.94 ^a	10.56	0.005	5.99	4.83	0.156
Hawaii	7.31	7.26	0.951	6.19 ^a	3.31	0.003	17.85	15.80	0.328	5.79	6.35	0.587
Idaho	8.18 ^a	6.57	0.027	7.69 ^a	3.55	0.000	18.00 ^a	12.51	0.002	6.23	5.96	0.756
Illinois	8.31 ^a	6.19	0.000	5.84 ^a	2.49	0.000	18.98 ^a	13.27	0.000	6.77 ^a	5.47	0.032
Indiana	7.15	6.90	0.720	5.51 ^a	3.25	0.002	18.15 ^a	13.98	0.016	5.36	6.12	0.367
Iowa	7.64 ^a	5.85	0.013	7.01 ^a	2.87	0.000	18.20 ^a	13.27	0.006	5.72	4.91	0.329
Kansas	6.85	6.82	0.969	4.98 ^a	3.20	0.015	17.70 ^a	13.03	0.006	5.02	6.18	0.185
Kentucky	5.90	5.87	0.967	5.21 ^a	2.97	0.001	14.15	13.18	0.547	4.55	5.01	0.567
Louisiana	7.34 ^a	5.94	0.045	5.09 ^a	2.89	0.001	16.67 ^a	11.69	0.002	5.81	5.29	0.543
Maine	6.59	6.14	0.519	5.43 ^a	3.09	0.002	17.24 ^b	14.36	0.097	5.15	5.30	0.848
Maryland	7.09	6.36	0.298	5.19 ^a	2.69	0.000	15.17	13.18	0.239	6.08	5.67	0.630
Massachusetts	7.86 ^b	6.60	0.084	7.15 ^a	3.18	0.000	18.08 ^a	14.21	0.035	6.31	5.64	0.431
Michigan	8.05 ^a	6.62	0.004	6.22 ^a	2.99	0.000	17.31 ^a	13.22	0.000	6.70	5.94	0.208
Minnesota	8.14 ^a	6.15	0.006	6.55 ^a	2.97	0.000	19.75 ^a	13.02	0.000	6.26	5.41	0.308
Mississippi	6.17	5.89	0.667	3.47	2.69	0.184	13.69 ^b	10.99	0.076	5.06	5.38	0.684
Missouri	7.63	6.49	0.110	6.09 ^a	3.32	0.000	19.32 ^a	13.21	0.001	5.78	5.74	0.963
Montana	9.99 ^a	7.75	0.016	10.37 ^a	4.25	0.000	22.55 ^a	16.77	0.003	7.69	6.66	0.355

(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 2012-2013 NSDUHs (continued)

State	12+ (2002- 2003)	12+ (2012- 2013)	12+ (P Value)	12-17 (2002- 2003)	12-17 (2012- 2013)	12-17 (P Value)	18-25 (2002- 2003)	18-25 (2012- 2013)	18-25 (P Value)	26+ (2002- 2003)	26+ (2012- 2013)	26+ (P Value)
Nebraska	9.51 ^a	7.61	0.020	8.42 ^a	3.56	0.000	23.20 ^a	15.74	0.000	7.03	6.69	0.730
Nevada	7.83	7.22	0.474	6.80 ^a	2.98	0.000	15.54	13.75	0.301	6.75	6.71	0.963
New Hampshire	8.64	7.42	0.142	7.33 ^a	4.32	0.001	22.30 ^b	18.66	0.069	6.69	6.01	0.484
New Jersey	5.81	6.23	0.529	4.97 ^a	2.79	0.003	15.91	14.05	0.277	4.48	5.46	0.208
New Mexico	9.40 ^a	7.10	0.013	7.46 ^a	3.74	0.000	21.52 ^a	13.26	0.000	7.45	6.46	0.379
New York	6.77	6.24	0.269	5.36 ^a	3.12	0.000	15.53 ^a	12.59	0.003	5.50	5.49	0.982
North Carolina	6.31	5.58	0.270	5.34 ^a	2.75	0.000	16.04 ^a	12.38	0.031	4.80	4.79	0.987
North Dakota	9.91 ^a	7.96	0.027	9.46 ^a	3.94	0.000	25.71 ^a	17.05	0.000	6.66	6.43	0.827
Ohio	7.47 ^a	6.10	0.004	5.59 ^a	2.74	0.000	17.69 ^a	13.14	0.000	5.97	5.35	0.283
Oklahoma	6.61	6.67	0.935	5.41 ^a	3.03	0.001	16.77 ^b	13.58	0.075	4.83	5.91	0.207
Oregon	6.93	6.66	0.707	5.78 ^a	3.19	0.000	16.86 ^b	13.97	0.096	5.40	5.89	0.568
Pennsylvania	6.54	6.20	0.438	5.20 ^a	3.17	0.000	17.60 ^a	14.17	0.001	4.93	5.22	0.583
Rhode Island	9.01	7.91	0.213	6.28 ^a	3.10	0.000	23.85 ^a	17.03	0.001	6.65	6.69	0.966
South Carolina	7.38 ^a	5.84	0.029	4.50 ^a	2.84	0.013	18.58 ^a	11.61	0.000	5.78	5.21	0.498
South Dakota	9.59 ^a	7.30	0.008	8.55 ^a	3.28	0.000	24.04 ^a	16.07	0.000	6.92	6.25	0.516
Tennessee	5.70	5.43	0.676	4.62 ^a	2.85	0.009	14.41	11.71	0.110	4.38	4.71	0.655
Texas	7.43 ^a	6.55	0.041	5.65 ^a	2.96	0.000	16.62 ^a	13.02	0.000	5.91	5.86	0.930
Utah	6.33 ^b	5.05	0.051	4.71 ^a	2.66	0.005	12.89 ^b	10.29	0.097	4.71	4.27	0.575
Vermont	7.30	6.51	0.269	6.43 ^a	3.98	0.006	18.33 ^b	14.97	0.066	5.51	5.32	0.815
Virginia	7.08	7.10	0.987	6.01 ^a	3.04	0.000	17.15	15.51	0.364	5.59	6.14	0.534
Washington	7.00	6.99	0.989	5.70 ^a	3.15	0.000	17.79 ^b	14.46	0.051	5.33	6.21	0.302
West Virginia	6.17	5.90	0.688	6.31 ^a	3.36	0.000	15.53 ^b	12.70	0.091	4.64	5.13	0.520
Wisconsin	8.92 ^b	7.50	0.071	7.00 ^a	3.68	0.000	22.25 ^a	15.44	0.000	6.80	6.64	0.865
Wyoming	8.71	7.86	0.311	7.13 ^a	4.35	0.004	23.02 ^a	16.19	0.001	6.22	6.83	0.531

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 2012-2013 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).

^a Difference between the 2002-2003 estimate and the 2012-2013 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2003 estimate and the 2012-2013 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, 2012, and 2013.

Methodology Used to Estimate the Bayes Posterior Probability of No Change between the 2002-2003 and 2012-2013 Small Area Estimates

To determine whether the differences between the 2002-2003 and 2012-2013 National Survey on Drug Use and Health (NSDUH) State prevalence rates are statistically significant, let $\pi_{sa(1)}$ and $\pi_{sa(2)}$ denote the 2002-2003 and 2012-2013 prevalence rates, respectively, for State- s and age group- a . The difference between $\pi_{sa(1)}$ and $\pi_{sa(2)}$ is defined in terms of the log-odds ratio (lor_{sa}) as opposed to the simple difference because the posterior distribution of lor_{sa} is closer to Gaussian than the posterior distribution of the simple difference ($\pi_{sa(2)} - \pi_{sa(1)}$). The lor_{sa} is defined as

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

where \ln denotes the natural logarithm. The p value given in each of the tables in this document (i.e., Tables 1 to 22) is computed to test the null hypothesis of no change (i.e., $\pi_{sa(2)} = \pi_{sa(1)}$ or equivalently, $lor_{sa} = 0$). An estimate of lor_{sa} is given by

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

where $p_{sa(1)}$ are the previously published 2002-2003 State estimates¹ and $p_{sa(2)}$ are the 2012-2013 State estimates presented in Tables 1 to 22 and elsewhere at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=33>. To compute the variance of

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

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

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

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

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

Note that $v[\ln(\hat{\theta}_1)]$ and $v[\ln(\hat{\theta}_2)]$ used here to calculate $v(\hat{l}or_{sa})$ are the same variances used in calculating the previously published 2002-2003 Bayesian confidence intervals and the 2012-2013 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 2012-2013 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 2012-2013), 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 8×8 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 (based on some empirical studies carried out earlier) 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 $p \text{ value} = 2 * P[Z \geq abs(z)]$, where Z is a standard normal random variate, $z = \frac{\hat{l}or_{sa}}{\sqrt{v(\hat{l}or_{sa})}}$, and $abs(z)$ denotes the absolute value of z .