

Comparison of the 2004-2006 and 2006-2008 Substate Estimates

This National Survey on Drug Use and Health (NSDUH) document¹ describes the methodology used to conduct statistical tests of significance for comparing substate estimates between 2004-2006 and 2006-2008. Estimates shown in the tables in this document are based on small area estimation (SAE) procedures, and the methodology used to compare these estimates is the same methodology used to compare the SAE State estimates. For details, see Section A.12 of Appendix A in the 2007-2008 State report (Hughes, Muhuri, Sathe, & Spagnola, 2010). However, because some substate regions within six States were defined differently for the two time periods (i.e., 2004-2006 and 2006-2008), significance test results (based on the Bayes posterior probability of no change: p value) could not be produced for these substate regions. In this document's tables, a "--" is used to denote substate regions that are not defined consistently across the two time periods. For more details about the substate regions that changed definitions, see Section D of the report on substate estimates from the 2006-2008 NSDUHs (OAS, 2010).

Comparisons of substate estimates between 2004-2006 and 2006-2008 are made only for persons aged 12 or older except for underage alcohol use and underage binge alcohol use outcomes where comparisons are made for persons aged 12 to 20.

To determine whether differences between substate estimates over two time periods are statistically significant, let $\pi_{s(1)}$ and $\pi_{s(2)}$ denote 2004-2006 and 2006-2008 prevalence rates, respectively, for substate- s . The change between $\pi_{s(1)}$ and $\pi_{s(2)}$ is defined in terms of the log-odds ratio lor_s as opposed to the simple difference because the posterior distribution of the lor_s is closer to Gaussian than the posterior distribution of the simple difference, $(\pi_{s(2)} - \pi_{s(1)})$. The lor_s is defined as

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

where \ln denotes the natural logarithm.

The p value given in the change tables is computed to test the null hypothesis of no change; that is, $\pi_{s(2)} = \pi_{s(1)}$ or equivalently $lor_s = 0$. An estimate of lor_s is given by

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

¹ This document is a companion piece to the tables of change between the 2004-2006 and 2006-2008 model-based estimates found in the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health* (Office of Applied Studies [OAS], 2010). Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

where the $p_{s(1)}$ are the previously published 2004-2006 substate estimates presented in Section C of the 2004-2006 substate SAE report (OAS, 2008) and the $p_{s(2)}$ are the 2006-2008 substate estimates presented in Section C of the 2006-2008 substate SAE report (OAS, 2010).

To compute the variance of \hat{lor}_s , that is, $v(\hat{lor}_s)$, let $\hat{\theta}_1 = \frac{p_{s(1)}}{1-p_{s(1)}}$ and $\hat{\theta}_2 = \frac{p_{s(2)}}{1-p_{s(2)}}$, then $v(\hat{lor}_s) = v[\ln(\hat{\theta}_1)] + v[\ln(\hat{\theta}_2)] - 2 \text{ cov}[\ln(\hat{\theta}_1), \ln(\hat{\theta}_2)]$, where $\text{cov}[\ln(\hat{\theta}_1), \ln(\hat{\theta}_2)]$ denotes the covariance between $\ln(\hat{\theta}_1)$ and $\ln(\hat{\theta}_2)$. This covariance is defined in terms of the associated correlation, as follows:

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

Note that the $v[\ln(\hat{\theta}_1)]$ and $v[\ln(\hat{\theta}_2)]$ used here to calculate $v(\hat{lor}_s)$ are the same variances used in calculating the previously published 2004-2006 prediction intervals (PIs) and the 2006-2008 PIs, respectively.

The correlation between $\ln(\hat{\theta}_1)$ and $\ln(\hat{\theta}_2)$ was obtained by simultaneously modeling the 2004-2005, 2006, and the 2007-2008 NSDUH data using a method similar to obtaining the correlation for producing State estimates of change. For details, see Section A.12 of Appendix A in the 2007-2008 report (Hughes et al., 2010).

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

References

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- Office of Applied Studies. (2008, August). *Substate estimates from the 2004-2006 National Surveys on Drug Use and Health*. Rockville, MD: Substance Abuse and Mental Health Services Administration. [Available at <http://oas.samhsa.gov/substate.cfm>]
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Table 1. Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs

State/Substate Region	Illicit Drug Use in Past Month			Illicit Drug Use Other Than Marijuana in Past Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Total United States	8.14	8.14	0.974	3.68	3.71	0.655
Northeast	8.80	8.50	0.163	3.57	3.51	0.661
Midwest	7.76	7.81	0.725	3.47	3.50	0.782
South	7.47	7.34	0.395	3.79	3.71	0.467
West	9.05	9.43	0.135	3.80 ^b	4.09	0.054
Alabama	7.30	6.93	0.394	4.01	3.90	0.737
Region 1	6.43	5.86	0.289	3.48	3.49	0.982
Region 2	8.05	7.55	0.457	4.69	4.25	0.406
Region 3	7.47	7.42	0.941	3.63	4.05	0.343
Region 4	7.19	6.96	0.697	4.03	3.79	0.603
Alaska	11.97	11.19	0.356	4.23	3.81	0.306
Gulf Coast	9.94	11.28	0.203	3.35	3.65	0.504
Rural	11.97	13.44	0.324	3.30	3.10	0.633
Southeast	11.55	11.59	0.972	3.85	3.65	0.685
Urban	12.41 ^b	10.79	0.095	4.61	3.97	0.196
Arizona	7.98 ^a	9.25	0.022	4.24 ^a	5.06	0.047
Maricopa	8.14 ^b	9.44	0.051	4.35 ^a	5.40	0.045
Pima	8.55	9.62	0.214	4.50	4.77	0.650
Rural North	8.19	9.19	0.229	4.28	4.70	0.493
Rural South	6.20 ^a	7.96	0.003	3.27 ^b	4.15	0.064
Arkansas	7.89	8.38	0.296	4.35	4.53	0.625
Areas 1 and 2	8.42	9.24	0.266	4.91	5.03	0.837
Areas 3 and 4	7.42	8.45	0.124	4.28	5.19	0.116
Areas 5 and 6	7.42 ^a	8.99	0.020	4.03	4.74	0.184
Areas 7, 12, and 13	7.31	7.59	0.674	4.04	3.94	0.847
Areas 8, 10, and 11	8.02	7.73	0.671	4.20	3.96	0.608
Area 9	8.55	7.90	0.372	4.50	4.03	0.390

See notes at end of table.

(continued)

Table 1. Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Illicit Drug Use in Past Month			Illicit Drug Use Other Than Marijuana in Past Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
California	9.25	9.34	0.812	3.71	4.05	0.145
Region 1	13.64 ^a	11.34	0.025	4.60	4.65	0.922
Region 2	11.54	11.64	0.906	4.37	4.60	0.641
Region 3	9.59	8.81	0.292	4.11	4.19	0.844
Region 4	12.15	11.93	0.825	3.75	3.66	0.839
Region 5	10.70	10.33	0.683	3.79	4.13	0.441
Region 6 (Santa Clara)	7.49 ^b	8.66	0.093	3.17	3.66	0.233
Region 7	9.74	11.09	0.118	3.93	4.31	0.395
Region 8	8.09	8.63	0.432	3.70	4.25	0.171
Region 9	9.33 ^a	10.87	0.039	3.91	4.20	0.506
Region 10	11.14	12.40	0.189	4.59	5.12	0.347
Region 11 (Los Angeles)	7.59	7.76	0.754	3.15	3.63	0.131
Region 12	8.71	7.99	0.274	4.05	3.80	0.529
Region 13 (Riverside)	7.98 ^a	9.45	0.030	3.57 ^a	4.59	0.010
Region 14 (Orange)	8.50	8.13	0.570	3.41	3.61	0.619
Region 15	10.11	9.85	0.720	4.31	4.45	0.754
Colorado	9.67 ^b	10.85	0.078	4.27	4.10	0.658
Region 1	9.23	10.13	0.307	4.01	4.26	0.619
Regions 2 and 7	10.05 ^a	11.96	0.028	4.24	4.18	0.894
Region 3	9.05	8.50	0.472	4.45	3.78	0.177
Region 4	7.85	8.20	0.629	3.88	3.63	0.622
Regions 5 and 6	10.02	10.53	0.608	4.69	4.21	0.411
Connecticut	8.85	8.41	0.393	3.72	3.27	0.177
Eastern	10.26	10.35	0.915	4.54 ^a	3.58	0.043
North Central	8.64	9.08	0.542	3.53	3.30	0.591
Northwestern	8.84	7.74	0.126	3.80	3.23	0.198
South Central	9.32 ^a	7.87	0.037	3.51	3.05	0.258
Southwest	7.70	7.45	0.716	3.66	3.34	0.500
Delaware	8.05	8.75	0.178	3.66	3.97	0.401
Kent	7.61	7.50	0.867	3.84	3.92	0.860
New Castle (excluding Wilmington City)	7.93 ^b	9.07	0.081	3.63	3.96	0.480
Sussex	7.35	7.61	0.704	3.27	3.75	0.360
Wilmington City	10.95	12.08	0.305	4.38	4.70	0.641

See notes at end of table.

(continued)

Table 1. Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Illicit Drug Use in Past Month			Illicit Drug Use Other Than Marijuana in Past Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
District of Columbia	9.79 ^a	11.73	0.004	3.84 ^a	4.67	0.037
Ward 1	12.20	14.24	0.125	4.66	4.98	0.631
Ward 2	11.89 ^b	13.90	0.076	5.06	5.68	0.332
Ward 3	7.89 ^a	10.80	0.001	3.33 ^a	4.47	0.039
Ward 4	7.72	8.52	0.331	3.25	3.95	0.173
Ward 5	10.55 ^a	13.22	0.018	4.04	5.09	0.126
Ward 6	9.91	10.22	0.741	3.77	4.24	0.410
Ward 7	7.80 ^a	10.08	0.015	2.75 ^a	4.29	0.005
Ward 8	10.63 ^a	12.75	0.038	3.73	4.47	0.162
Florida[†]	7.93	7.61	0.345	3.95	3.62	0.144
Region A - Northwest	10.58 ^a	9.16	0.016	5.05 ^a	4.09	0.007
Circuit 1	10.24 ^a	8.42	0.020	5.44 ^a	3.93	0.003
Circuit 2	12.91	11.61	0.167	5.06	4.54	0.296
Circuit 14	8.11	7.71	0.581	4.11	3.90	0.648
Region B - Northeast	9.72 ^b	8.79	0.073	4.42	4.23	0.593
Circuits 3 and 8	10.79	9.79	0.188	5.31	4.84	0.385
Circuit 4	10.62 ^b	9.07	0.064	4.76	4.50	0.618
Circuit 7	7.70	7.79	0.897	3.31	3.51	0.625
Region C - Central	7.61	7.29	0.421	3.82	3.70	0.650
Circuit 5	6.01	6.61	0.308	3.16	3.63	0.269
Circuit 9	8.86 ^a	7.39	0.037	4.23	3.85	0.386
Circuit 10	6.89	6.63	0.661	4.06	3.56	0.271
Circuit 18	8.31	7.95	0.582	3.66	3.47	0.660
Circuit 19	7.15	7.92	0.239	4.00	4.05	0.919
Region D - Southeast	--	7.72	--	--	3.25	--
Circuit 15 (Palm Beach)	8.32	9.28	0.204	4.01	3.59	0.362
Circuit 17 (Broward)	7.15	6.56	0.334	3.46	3.00	0.234
Region E - Sun Coast	7.48	7.82	0.437	3.70	3.55	0.585
Circuit 6	7.20	7.55	0.587	3.24	3.22	0.957
Circuit 12	6.87	7.41	0.400	3.48	3.55	0.886
Circuit 13 (Hillsborough)	8.66	7.87	0.256	4.32 ^b	3.58	0.095
Circuit 20	7.06 ^b	8.38	0.066	3.82	3.92	0.830
Region F - Southern (Circuits 11 and 16)	6.53	5.70	0.119	3.89 ^b	3.16	0.086

See notes at end of table.

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Table 1. Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Illicit Drug Use in Past Month			Illicit Drug Use Other Than Marijuana in Past Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Georgia	8.11	7.68	0.379	3.36	3.23	0.657
Region 1	7.88 ^a	6.66	0.050	4.09 ^a	3.11	0.029
Region 2	7.29	7.32	0.962	3.57	3.29	0.498
Region 3	9.15	8.14	0.153	3.12	3.15	0.925
Region 4	6.38 ^b	7.44	0.094	3.13	3.30	0.663
Region 5	7.71	7.88	0.796	3.36	3.48	0.781
Hawaii	7.71	8.71	0.167	2.89	3.55	0.119
Hawaii Island	10.03	11.31	0.329	2.95 ^b	3.80	0.099
Honolulu	6.89	7.76	0.229	2.85	3.50	0.172
Kauai and Maui**	9.53	10.76	0.236	2.99	3.57	0.195
Maui	10.25	11.04	0.509	3.06	3.53	0.351
Idaho	7.03	7.48	0.333	3.37	3.26	0.683
Region 1	6.79 ^a	8.51	0.018	3.16	3.18	0.962
Region 2	7.84	8.02	0.788	3.30	3.17	0.751
Region 3	6.62	6.15	0.429	3.11	2.98	0.706
Region 4	8.00 ^a	9.65	0.035	3.94	3.73	0.656
Region 5	5.85	6.19	0.526	2.76	2.91	0.686
Region 6	7.11	6.37	0.227	3.41	3.32	0.816
Region 7	6.24 ^a	4.89	0.009	3.28	2.96	0.415
Illinois	7.49	7.31	0.552	3.33	3.24	0.645
Region I (Cook)	8.85	8.04	0.117	3.65	3.35	0.378
Region II	6.51	6.68	0.699	3.22	2.98	0.364
Region III	6.51 ^b	7.34	0.098	2.72 ^b	3.31	0.059
Region IV	6.37	6.01	0.469	3.10	2.96	0.684
Region V	6.48	7.20	0.162	3.17	3.72	0.132
Indiana	7.72 ^a	8.77	0.037	3.94	4.06	0.703
Central	9.10	9.31	0.784	4.42	3.91	0.298
East	6.78	7.86	0.103	3.85	3.98	0.777
North Central	7.59	8.06	0.466	3.87	3.95	0.855
Northeast	6.15 ^a	8.39	0.000	3.21	3.89	0.123
Northwest	7.87	8.45	0.449	3.72	4.12	0.378
Southeast	7.26 ^a	10.11	0.000	3.90	4.58	0.192
Southwest	7.25	6.44	0.184	4.06	3.62	0.340
West	7.67 ^a	10.26	0.000	3.89	4.52	0.208

See notes at end of table.

(continued)

Table 1. Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Illicit Drug Use in Past Month			Illicit Drug Use Other Than Marijuana in Past Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Iowa						
Central	6.06 ^a	5.01	0.003	2.91 ^a	2.27	0.005
North Central	7.37 ^a	5.99	0.019	3.77 ^a	2.29	0.000
Northeast	5.53 ^a	4.39	0.005	2.66 ^b	2.15	0.086
Northwest	6.36 ^a	4.84	0.001	2.92 ^b	2.33	0.054
Southeast	4.80	4.17	0.113	2.42	2.17	0.365
Southwest	6.11	5.53	0.269	2.70	2.34	0.208
	5.71 ^a	4.63	0.016	2.98 ^a	2.20	0.019
Kansas						
Kansas City Metro	7.20	6.84	0.417	3.49	3.40	0.774
Northeast	8.46	7.96	0.481	3.93	3.60	0.490
South Central	6.18	5.94	0.641	2.92	3.11	0.629
Southeast	5.63	5.23	0.396	2.81	3.14	0.376
West	7.06	6.53	0.407	3.27	3.25	0.959
Wichita (Sedgwick)	6.06	6.35	0.579	3.21	3.64	0.310
	8.12	7.35	0.270	4.15	3.46	0.133
Kentucky						
Adanta, Cumberland River, and Lifeskills	7.88	7.92	0.933	3.82	4.06	0.506
Bluegrass, Comprehend, and North Key	6.25	6.33	0.884	3.56	3.69	0.788
Communicare and River Valley	8.77	8.71	0.942	4.12	4.29	0.762
Four Rivers and Pennyroyal	7.67	7.99	0.633	3.84	4.13	0.552
Kentucky River, Mountain, and Pathways	7.89	7.17	0.294	3.57	3.59	0.954
Seven Counties	6.19	5.68	0.356	3.75	3.70	0.913
	9.04	9.64	0.493	3.78	4.41	0.250
Louisiana						
Regions 1 and 3	8.24 ^a	7.25	0.032	4.23	4.16	0.836
Regions 2 and 9	--	7.30	--	--	4.16	--
Regions 4, 5, and 6	9.39 ^b	8.03	0.069	5.11	4.43	0.201
Regions 7 and 8	--	6.21	--	--	4.00	--
Region 10 (Jefferson)	8.06	7.32	0.216	4.20	3.99	0.652
	7.53	7.72	0.775	3.77	4.18	0.441

See notes at end of table.

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Table 1. Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Illicit Drug Use in Past Month			Illicit Drug Use Other Than Marijuana in Past Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Maine	9.75	9.62	0.815	3.18	2.98	0.448
Aroostook/Downeast	8.53	8.35	0.813	3.14	2.84	0.408
Central	10.43	9.59	0.348	3.16	2.85	0.429
Cumberland	10.45	10.07	0.670	3.19	3.04	0.686
Midcoast	8.25	8.52	0.709	3.00	2.73	0.437
Penquis	10.22	10.18	0.961	3.14	3.23	0.806
Western	10.39	9.37	0.216	3.07	2.83	0.461
York	9.33	10.66	0.132	3.48	3.24	0.586
Maryland	6.26	6.74	0.257	2.99	3.13	0.569
Anne Arundel	6.02	6.43	0.447	3.00	3.24	0.530
Baltimore City	9.46	9.79	0.742	3.79	3.44	0.465
Baltimore County	5.85 ^a	7.30	0.012	2.86	3.15	0.426
Montgomery	6.33	6.01	0.596	2.80	2.87	0.847
North Central	5.57	5.98	0.445	3.02	3.01	0.982
Northeast	6.11	7.10	0.102	3.27	3.74	0.260
Prince George's	5.58	6.01	0.436	2.51	2.81	0.392
South	5.74	5.88	0.791	2.95	3.04	0.814
West	5.31	6.08	0.129	3.08	3.26	0.630
Massachusetts	10.00	10.15	0.792	4.28	4.12	0.678
Boston	12.14	12.48	0.746	5.35	4.53	0.153
Central	10.91	10.26	0.443	4.69	4.09	0.261
Metrowest	8.51	8.46	0.944	3.39	3.41	0.954
Northeast	9.05	9.21	0.830	3.73	4.21	0.344
Southeast	9.55	10.68	0.166	4.32	4.44	0.828
Western	11.93	11.50	0.634	5.22	4.45	0.169

See notes at end of table.

(continued)

Table 1. Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Illicit Drug Use in Past Month			Illicit Drug Use Other Than Marijuana in Past Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Michigan[‡]						
Detroit City	8.99	9.03	0.887	3.93	3.74	0.353
Genesee	11.96	12.91	0.327	3.57	3.45	0.788
Kalamazoo	10.87	10.25	0.475	4.83	4.04	0.104
Kent	8.22	8.86	0.272	3.57	3.70	0.720
Lakeshore	8.30	7.81	0.406	3.81	3.70	0.768
Macomb	7.80	8.54	0.205	3.97	3.95	0.962
Mid South	9.04	8.30	0.273	4.26	3.85	0.336
Northern	9.32	9.84	0.428	3.94	4.28	0.387
Oakland	7.35	8.01	0.257	3.11	3.30	0.570
Pathways and Western	9.47	8.75	0.248	3.93	3.58	0.323
Riverhaven	--	9.30	--	--	3.61	--
Saginaw	7.87	7.63	0.698	3.55	3.53	0.960
Southeast	8.39	8.86	0.497	3.69	3.76	0.877
St. Clair	8.84	8.23	0.305	4.57 ^a	3.74	0.049
Washtenaw	7.19	7.44	0.662	3.62	3.54	0.821
Minnesota	9.40	9.93	0.409	4.39	4.03	0.397
Regions 1 and 2	8.01	7.98	0.949	3.18	3.29	0.640
Regions 3 and 4	8.76	9.50	0.397	3.71	3.85	0.784
Regions 5 and 6	7.19	7.42	0.709	2.67	2.93	0.435
Region 7A (Hennepin)	6.44	6.09	0.529	3.05	3.05	0.989
Region 7B (Ramsey)	9.84	9.13	0.396	3.67	3.54	0.761
Region 7C	8.73	9.43	0.400	3.18	3.29	0.762
Mississippi	7.38	7.60	0.734	2.88	3.30	0.241
Region 1	6.88	6.67	0.637	3.36	3.49	0.635
Region 2	6.22	7.03	0.164	3.05 ^b	3.79	0.076
Region 3	8.02	8.02	0.999	3.63	3.94	0.498
Region 4	5.72	5.73	0.996	3.04	3.01	0.925
Region 5	6.85	5.93	0.126	3.09	3.16	0.860
Region 6	5.87	6.03	0.778	3.07	3.26	0.623
Region 7	6.97	6.22	0.196	3.66	3.47	0.638
	8.19	7.31	0.194	4.05	3.63	0.400

See notes at end of table.

(continued)

Table 1. Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Illicit Drug Use in Past Month			Illicit Drug Use Other Than Marijuana in Past Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Missouri	7.86	7.79	0.878	3.70	3.97	0.403
Central	8.07 ^b	6.93	0.071	4.13	3.71	0.359
Eastern	8.54	8.74	0.745	3.62	4.17	0.166
Eastern (St. Louis City and County)	8.82	8.56	0.724	3.52	3.77	0.572
Eastern (excluding St. Louis)	7.99	9.06	0.139	3.81 ^a	4.89	0.039
Northwest	7.87	7.74	0.819	3.76	3.86	0.794
Northwest (Jackson)	8.80	8.72	0.917	3.89	3.74	0.757
Northwest (excluding Jackson)	7.04	6.89	0.802	3.65	3.96	0.469
Southeast	7.28	7.08	0.739	3.68	4.06	0.395
Southwest	6.54	6.95	0.475	3.44	3.83	0.364
Montana	10.32	10.37	0.929	3.68	3.85	0.572
Region 1	7.68	8.19	0.464	3.09	3.46	0.370
Region 2	8.06	7.72	0.640	3.80	3.50	0.506
Region 3	8.28	8.21	0.933	3.43	3.48	0.899
Region 4	9.94	11.22	0.114	3.22	3.55	0.422
Region 5	13.84	12.90	0.413	4.34	4.62	0.579
Nebraska	6.65	6.70	0.912	3.16	3.23	0.765
Regions 1 and 2	5.58	5.74	0.743	2.91	2.99	0.817
Region 1	--	5.91	--	--	2.90	--
Region 2	--	5.60	--	--	3.08	--
Region 3	6.00	5.64	0.436	2.87	3.10	0.495
Region 4	5.25	5.41	0.750	2.87	3.06	0.578
Region 5	6.48	6.82	0.529	2.85	3.24	0.258
Region 6	7.74	7.59	0.809	3.61	3.39	0.558
Nevada	8.91	9.43	0.445	3.95	4.33	0.387
Clark	8.88	9.14	0.728	3.90	4.36	0.378
Rural	8.31 ^b	9.73	0.089	3.93	4.33	0.458
Washoe	9.62	10.45	0.364	4.17	4.23	0.914

See notes at end of table.

(continued)

Table 1. Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Illicit Drug Use in Past Month			Illicit Drug Use Other Than Marijuana in Past Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
New Hampshire						
Central	8.83 ^a	10.30	0.013	3.13	3.40	0.322
Central 1	9.63	10.60	0.182	3.98	3.70	0.440
Central 2	10.21	11.08	0.318	3.96	3.80	0.715
Northern	9.08	10.15	0.235	4.00	3.59	0.375
Southern	9.02 ^a	11.48	0.005	2.85	3.34	0.205
Southern 1 (Rockingham)	8.40 ^a	9.89	0.021	2.79	3.27	0.114
Southern 2	7.78 ^a	10.16	0.002	2.85	3.03	0.606
New Jersey	8.77	9.72	0.225	2.75 ^b	3.43	0.072
Central	7.07	6.52	0.222	3.29	2.92	0.185
Metropolitan	6.49	6.66	0.760	3.18	2.92	0.449
Northern	7.71 ^a	6.53	0.048	3.76 ^a	2.87	0.025
Southern	6.11	5.71	0.427	3.03	2.66	0.270
New Mexico	8.47	7.55	0.207	3.27	3.37	0.796
Region 1	9.29	9.28	0.982	4.12	3.70	0.241
Region 2	9.21	8.55	0.435	3.93	3.28	0.134
Region 3 (Bernalillo)	10.65	10.21	0.657	4.08	3.38	0.147
Region 4	10.01	10.69	0.444	4.42	3.88	0.296
Region 5	7.65	7.31	0.619	3.81	3.92	0.804
	8.26	8.30	0.954	4.07	3.97	0.827

See notes at end of table.

(continued)

Table 1. Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Illicit Drug Use in Past Month			Illicit Drug Use Other Than Marijuana in Past Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
New York	9.52	9.29	0.550	3.66	3.74	0.730
Region A	9.56	9.35	0.670	3.41	3.76	0.220
Region 1	9.77 ^a	8.22	0.023	3.57	3.52	0.889
Region 2	9.74	8.84	0.170	3.38	3.89	0.182
Region 3	12.59	13.90	0.218	4.23	4.50	0.611
Region 4	7.07	7.30	0.715	2.78	3.17	0.283
Region B	8.70	8.22	0.340	3.75	3.41	0.308
Region 5	8.92	8.43	0.466	4.28 ^b	3.39	0.057
Region 6	7.88	7.23	0.238	3.01	3.35	0.340
Region 7	9.26	9.07	0.785	3.14	3.59	0.268
Region C	10.29	9.98	0.525	4.01	3.99	0.942
Region 8	10.97	11.74	0.412	3.60	4.08	0.237
Region 9	11.17	10.27	0.230	4.19	3.99	0.671
Region 10	10.16	10.14	0.977	3.79	4.04	0.524
Region 11	9.03 ^a	7.81	0.037	3.68	3.68	0.989
Region 12	10.20	10.14	0.930	4.61	4.18	0.377
Region D	9.70	10.36	0.216	3.68	3.97	0.331
Region 13	8.83 ^a	10.35	0.044	3.29	3.91	0.143
Region 14	9.60	10.21	0.439	3.33	3.68	0.382
Region 15	10.56	10.51	0.945	4.35	4.32	0.951
North Carolina	7.24	7.56	0.502	3.81	3.64	0.607
Eastern	6.89 ^a	8.86	0.003	3.20	3.82	0.170
North Central	7.44	8.47	0.164	3.91	4.22	0.519
South Central	6.67	6.67	0.990	3.17	3.38	0.569
Western	7.71	6.84	0.171	4.52 ^a	3.32	0.013
North Dakota	6.04	5.74	0.475	2.53	2.27	0.261
Badlands and West Central	5.84	5.25	0.289	2.40	2.18	0.454
Lake Region and South						
Central	4.91	5.24	0.542	2.44	2.05	0.225
North Central and Northwest	4.98	5.24	0.610	2.51	2.37	0.686
Northeast	6.67	6.19	0.409	2.93	2.59	0.298
Southeast	7.29	6.62	0.229	2.53	2.25	0.350

See notes at end of table.

(continued)

Table 1. Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Illicit Drug Use in Past Month			Illicit Drug Use Other Than Marijuana in Past Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Ohio	7.93	7.79	0.652	3.35	3.42	0.682
Boards 2, 46, 55, and 68	7.30	7.17	0.819	3.25	3.81	0.140
Boards 3, 52, and 85	6.39	5.80	0.183	3.04	3.17	0.691
Boards 4 and 78	7.43	7.03	0.483	2.91	3.23	0.366
Boards 5 and 60	7.74	8.32	0.344	3.38	3.72	0.369
Boards 7, 15, 41, 79, and 84	6.27	5.55	0.164	2.90	2.96	0.853
Boards 8, 13, and 83	7.22	7.04	0.751	3.12	3.20	0.818
Board 9 (Butler)	7.81	7.25	0.318	3.41	3.61	0.592
Board 12	7.75	8.03	0.628	3.36	3.71	0.348
Boards 18 and 47	8.42	8.18	0.701	3.06	2.93	0.674
Boards 20, 32, 54, and 69	5.62	5.92	0.505	3.05	3.45	0.251
Boards 21, 39, 51, 70, and 80	7.15	6.76	0.438	3.39	3.52	0.721
Boards 22, 74, and 87	7.15	7.78	0.247	3.34	3.87	0.164
Boards 23 and 45	6.31	6.50	0.686	2.97	3.29	0.381
Board 25 (Franklin)	9.12 ^b	10.37	0.099	3.56	3.98	0.328
Boards 27, 71, and 73	7.44	6.72	0.214	3.86	3.45	0.297
Boards 28, 43, and 67	8.07 ^a	6.73	0.015	3.94	3.36	0.140
Board 31 (Hamilton)	10.05	9.30	0.332	4.07	3.60	0.242
Board 48 (Lucas)	8.57	8.95	0.589	3.13	3.15	0.952
Boards 50 and 76	7.28	7.31	0.964	3.38	3.38	0.998
Board 57 (Montgomery)	9.47	9.09	0.625	3.53	3.83	0.456
Board 77 (Summit)	7.85	7.48	0.556	3.10	3.10	0.986
Oklahoma	8.19	8.19	0.997	4.00 ^b	4.64	0.078
Central	7.59	7.81	0.727	3.78 ^a	4.80	0.047
East Central	7.52	8.54	0.208	3.77 ^b	4.81	0.068
Northeast	7.75	7.01	0.309	3.77	4.26	0.307
Northwest and Southwest	7.28	7.73	0.492	3.77 ^a	4.84	0.048
Oklahoma County	9.20	9.73	0.531	3.87	4.50	0.205
Southeast	7.45	7.37	0.903	4.08	4.42	0.504
Tulsa County	9.70	8.49	0.151	4.79	4.89	0.872
Oregon	9.31 ^a	10.82	0.020	3.51 ^a	4.66	0.003
Region 1 (Multnomah)	12.51 ^b	14.93	0.074	4.08 ^b	5.17	0.088
Region 2	8.72	9.36	0.425	3.44	4.07	0.176
Region 3	8.55 ^a	10.10	0.048	3.17 ^a	4.76	0.001
Region 4	8.44 ^a	10.66	0.010	3.83 ^b	4.89	0.067
Region 5 (Central)	--	10.12	--	--	4.63	--
Region 6 (Eastern)	--	8.50	--	--	4.26	--

See notes at end of table.

(continued)

Table 1. Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Illicit Drug Use in Past Month			Illicit Drug Use Other Than Marijuana in Past Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Pennsylvania						
Region 1 (Allegheny)	7.80 ^a	6.89	0.002	3.20	3.16	0.801
Regions 2, 3, 8, and 9	9.30 ^b	8.01	0.062	3.35	3.27	0.825
Regions 4, 11, 37, and 49	6.47	5.88	0.229	2.93	3.12	0.573
Regions 5, 18, 23, 24, and 46	7.28	6.76	0.352	2.90	3.13	0.501
Regions 6, 12, 16, 31, 35, 39, 45, and 47	5.58 ^a	4.72	0.045	2.61	2.76	0.636
Regions 7, 13, 20, and 33	7.07	6.56	0.315	3.03	3.36	0.344
Regions 10, 14, 15, 27, 32, 43, and 44	7.89	7.80	0.871	3.43	3.26	0.595
Regions 17 and 21	7.52	6.80	0.232	3.65	3.11	0.174
Regions 19, 26, 28, and 42	7.85 ^a	6.14	0.002	3.33	3.11	0.540
Regions 22, 38, 40, 41, and 48	6.18 ^a	5.13	0.014	2.46	2.66	0.475
Regions 25 and 30	6.86 ^a	5.44	0.004	3.10	2.89	0.538
Regions 29 and 34	7.86 ^a	6.46	0.016	3.35	2.85	0.140
Region 36 (Philadelphia)	6.99 ^a	5.06	0.000	2.74	2.63	0.721
Rhode Island	11.19	10.09	0.194	4.06	4.06	0.998
Bristol and Newport	11.36 ^a	13.50	0.004	4.40 ^a	5.82	0.002
Kent	11.44 ^a	13.86	0.026	4.48	5.18	0.241
Providence	9.41 ^a	11.52	0.032	3.81 ^a	5.23	0.012
Washington	11.70 ^a	14.55	0.002	4.39 ^a	6.27	0.002
South Carolina	12.18	10.61	0.120	5.16	5.11	0.939
Region 1	7.22	6.68	0.227	3.51	3.13	0.189
Region 2	7.36	6.43	0.122	3.78 ^b	3.07	0.079
Region 3	7.72	7.10	0.315	3.96	3.40	0.175
Region 4	6.52	6.27	0.664	2.78	2.84	0.864
South Dakota	7.00	6.72	0.640	3.22	3.09	0.742
Region 1	6.49	6.47	0.961	2.60	2.45	0.519
Region 2	6.75	6.09	0.215	2.66	2.46	0.514
Region 3	6.15	6.30	0.782	2.55	2.28	0.362
Region 4	6.23	5.98	0.645	2.47	2.74	0.396
Region 5	7.73	7.05	0.321	3.21 ^b	2.58	0.090
Region 6	6.05	5.99	0.907	2.39	2.29	0.732
Region 7	6.26	6.36	0.888	2.29	2.38	0.778
	6.73	7.67	0.154	2.69	2.48	0.554

See notes at end of table.

(continued)

Table 1. Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Illicit Drug Use in Past Month			Illicit Drug Use Other Than Marijuana in Past Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Tennessee	8.35	8.53	0.717	4.38	4.64	0.493
Region 1	8.27 ^b	7.04	0.078	4.83	4.37	0.441
Region 2	7.91	8.12	0.750	4.59	4.83	0.650
Region 3	8.25	8.64	0.603	4.50	4.94	0.436
Region 4 (Davidson)	11.04	11.10	0.946	5.45	5.07	0.588
Region 5	7.57	8.35	0.275	4.34	4.59	0.660
Region 6	7.21	7.81	0.415	3.60 ^b	4.52	0.072
Region 7 (Shelby)	9.18	8.91	0.740	3.62	4.08	0.367
Texas	6.76	6.42	0.202	3.82	3.64	0.381
Region 1	7.34	7.24	0.849	4.04	3.85	0.624
Region 2	6.61	6.67	0.896	4.11	3.84	0.527
Region 3	6.98	6.66	0.422	3.83	3.76	0.828
Region 3a	7.02	6.61	0.391	4.03	3.92	0.769
Region 3bc	6.90	6.74	0.765	3.47	3.49	0.956
Region 4	6.37	7.08	0.172	4.07	3.64	0.291
Region 5	7.37 ^a	6.09	0.017	4.17	3.52	0.109
Region 6	6.43	6.27	0.689	3.50	3.56	0.847
Region 6a	6.30	6.25	0.910	3.41	3.55	0.685
Region 6bc	7.51 ^a	6.46	0.044	4.21	3.64	0.185
Region 7	8.55	8.24	0.538	4.64	4.29	0.304
Region 7a	9.53	8.91	0.373	5.30 ^b	4.47	0.080
Region 7bcd	7.06	7.17	0.829	3.63	3.99	0.329
Region 8	6.19	5.75	0.325	3.60	3.24	0.308
Region 9	6.30 ^a	5.40	0.042	3.94	3.40	0.209
Region 10	5.60 ^a	4.53	0.010	3.86 ^b	3.22	0.082
Region 11	5.49 ^a	4.63	0.009	3.33	3.20	0.646
Region 11abd	5.58 ^a	4.71	0.029	3.40	3.19	0.528
Region 11c (Hidalgo)	5.33 ^a	4.49	0.034	3.17	3.21	0.906
Utah	7.07 ^a	5.91	0.009	3.92 ^a	3.11	0.006
Bear River, Northeastern, Summit, Tooele, and Wasatch	6.02	5.66	0.487	3.85 ^b	3.15	0.077
Central, Four Corners, San Juan, and Southwest	5.38 ^b	4.57	0.081	3.55 ^b	2.80	0.051
Davis County	7.28 ^a	5.40	0.001	4.26 ^a	3.08	0.006
Salt Lake County	8.49 ^a	6.94	0.030	4.02 ^a	3.07	0.020
Utah County	5.79	5.23	0.268	3.86	3.47	0.339
Weber, Morgan	6.43	5.68	0.176	3.81 ^b	3.00	0.055

See notes at end of table.

(continued)

Table 1. Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Illicit Drug Use in Past Month			Illicit Drug Use Other Than Marijuana in Past Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Vermont	11.12	11.55	0.512	3.93	3.86	0.825
Champlain Valley	12.97	12.52	0.615	4.58	4.29	0.530
Rural Northeast	9.91	11.01	0.203	3.71	3.41	0.468
Rural Southeast	9.87 ^b	11.56	0.075	3.25	3.78	0.243
Rural Southwest	10.15	10.04	0.901	3.60	3.57	0.942
Virginia	7.07	7.56	0.257	3.39	3.36	0.920
Region 1	--	7.89	--	--	3.33	--
Region 2	6.57	6.52	0.932	2.95	2.93	0.940
Region 3	7.51	7.55	0.944	3.87	3.54	0.471
Region 4	--	8.25	--	--	3.36	--
Region 5	7.04	8.00	0.118	3.21	3.72	0.205
Washington	9.31	9.96	0.287	3.78	3.92	0.651
Region 1	9.24	9.15	0.915	3.61	3.94	0.444
Region 2	7.86	8.56	0.339	3.68	3.72	0.926
Region 3	9.54	9.94	0.647	4.00	3.88	0.801
Region 4 (King)	10.53	11.21	0.487	3.97	4.09	0.783
Region 5	7.62 ^b	9.04	0.051	3.64	3.72	0.855
Region 6	9.29	10.05	0.403	3.55	3.91	0.407
West Virginia	7.98	7.72	0.578	4.23	4.32	0.798
Eastern Highland	7.45	7.23	0.727	4.00	4.00	1.000
Northern	9.32	8.72	0.355	4.98	4.90	0.886
Northern A and B	6.49	7.44	0.164	3.66	4.49	0.134
Northern C and D	10.75 ^b	9.35	0.087	5.64	5.11	0.401
South Central	7.64	7.76	0.819	3.94	4.31	0.361
South Central I	6.71	6.97	0.669	3.69	4.02	0.494
South Central II	8.67	9.06	0.628	4.79	5.03	0.693
South Central III	7.51	7.39	0.861	3.54	4.02	0.324
Southern	7.42	6.87	0.294	4.03	3.95	0.854
Southern I and III	7.24	6.68	0.347	3.86	3.95	0.851
Southern II	7.77	7.25	0.443	4.37	3.95	0.454

See notes at end of table.

(continued)

Table 1. Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Illicit Drug Use in Past Month			Illicit Drug Use Other Than Marijuana in Past Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Wisconsin	7.42 ^b	8.36	0.054	3.34 ^a	3.96	0.039
Milwaukee	8.77	9.67	0.296	3.34	4.15	0.111
Northeastern	6.74	7.28	0.410	3.27	3.75	0.235
Northern	6.88	7.77	0.201	3.10 ^a	4.10	0.024
Southeastern	6.74 ^a	8.21	0.034	3.30	3.91	0.175
Southern	8.29	8.95	0.366	3.42	4.00	0.186
Western	6.99 ^a	8.29	0.034	3.55	4.00	0.297
Wyoming	8.40 ^b	7.61	0.094	3.90 ^a	3.29	0.029
Judicial District 1 (Laramie)	7.92	6.89	0.103	3.68 ^b	2.91	0.056
Judicial District 2	11.01	10.90	0.902	4.40	4.02	0.413
Judicial District 3	8.17 ^a	6.78	0.026	4.20 ^b	3.44	0.073
Judicial District 4	8.07 ^a	6.73	0.043	3.77 ^b	2.99	0.085
Judicial District 5	6.17	6.13	0.944	3.44	3.15	0.443
Judicial District 6	7.51	6.57	0.120	3.58	3.11	0.234
Judicial District 7 (Natrona)	8.86	9.07	0.784	3.92	3.73	0.670
Judicial District 8	6.37	5.94	0.425	3.54 ^b	2.90	0.095
Judicial District 9	10.49 ^b	8.99	0.099	4.31 ^a	3.30	0.031

-- Not available. These regions were not defined consistently across the two time periods, 2004-2006 and 2006-2008; hence, the 2004-2006 estimates and p values are not available for these regions. The definitions of the substate regions listed in this table are provided in Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

[‡] Names of some of the substate regions for this State have changed across the two time periods (2004-2006 vs. 2006-2008). For details, see Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

** A separate Kauai estimate is not being reported because of low precision. For more details, see Table D12 of Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

NOTE: p value: Bayes posterior probability of no change.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

NOTE: Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically. Illicit Drugs Other Than Marijuana include cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically. These estimates are based on data from original questions, excluding those on the use of over-the-counter drugs or new methamphetamine items that were added in 2005 and 2006. See Section B.4.8 in Appendix B of the *Results from the 2008 National Survey on Drug Use and Health: National Findings*.

^a Difference between the 2006-2008 estimate and the 2004-2006 estimate is statistically significant at the 0.05 level.

^b Difference between the 2006-2008 estimate and the 2004-2006 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, 2006, 2007, and 2008.

Table 2. Marijuana Use in Past Month and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs

State/Substate Region	Marijuana Use in Past Month			Perceptions of Great Risk of Smoking Marijuana Once a Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Total United States	6.05	5.99	0.537	39.15 ^a	38.31	0.000
Northeast	6.85 ^a	6.51	0.036	36.62	36.26	0.449
Midwest	5.86	5.92	0.676	37.60 ^a	36.80	0.023
South	5.27	5.20	0.597	43.16 ^a	42.21	0.010
West	6.83	6.90	0.724	36.43 ^a	35.25	0.015
Alabama	4.77	4.57	0.535	50.15 ^a	46.08	0.006
Region 1	3.96	3.84	0.764	49.05 ^a	43.97	0.036
Region 2	5.27	4.66	0.210	49.36 ^b	45.62	0.091
Region 3	4.96	5.11	0.760	50.25	48.10	0.374
Region 4	4.94	4.91	0.946	52.62 ^a	47.77	0.049
Alaska	9.88	8.81	0.149	27.38	29.35	0.143
Gulf Coast	8.23	9.46	0.225	28.30	28.38	0.973
Rural	8.74 ^b	11.06	0.052	36.84	35.80	0.706
Southeast	9.62	9.55	0.955	25.30 ^a	30.69	0.021
Urban	10.42 ^a	8.26	0.011	26.02	28.34	0.141
Arizona	5.28	5.78	0.218	39.34	37.59	0.207
Maricopa	5.38	5.77	0.430	39.31	37.35	0.265
Pima	5.61	6.14	0.394	35.72	35.56	0.943
Rural North	5.50	5.80	0.604	39.19	36.26	0.252
Rural South	4.11 ^a	5.35	0.015	44.59	42.55	0.451
Arkansas	5.55	5.75	0.585	45.40 ^a	41.96	0.011
Areas 1 and 2	5.36	5.74	0.495	43.10 ^a	37.17	0.012
Areas 3 and 4	4.87	4.93	0.916	48.15 ^a	42.86	0.041
Areas 5 and 6	5.21 ^a	6.78	0.006	42.95	39.32	0.138
Areas 7, 12, and 13	5.28	5.95	0.249	49.20	47.93	0.615
Areas 8, 10, and 11	6.02	5.27	0.183	48.12	46.38	0.493
Area 9	6.49	5.83	0.289	42.41	40.97	0.561

See notes at end of table.

(continued)

Table 2. Marijuana Use in Past Month and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month			Perceptions of Great Risk of Smoking Marijuana Once a Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
California	6.98	6.95	0.904	38.48 ^b	37.06	0.063
Region 1	11.32 ^a	8.51	0.003	31.48	30.43	0.643
Region 2	9.34	8.93	0.565	31.44	29.22	0.208
Region 3	6.44	6.58	0.815	41.28	37.93	0.144
Region 4	10.03	9.27	0.420	29.25	29.53	0.893
Region 5	8.62	8.23	0.612	30.79	33.00	0.272
Region 6 (Santa Clara)	5.17	6.06	0.131	35.49	38.42	0.181
Region 7	7.62 ^a	9.31	0.050	33.10	32.27	0.718
Region 8	5.96	6.02	0.911	45.03	45.16	0.953
Region 9	7.29 ^a	9.02	0.014	39.52	37.90	0.472
Region 10	8.30	9.65	0.122	36.25	33.67	0.241
Region 11 (Los Angeles)	5.53	5.44	0.837	43.14 ^a	40.17	0.038
Region 12	6.21	5.71	0.373	45.73	43.90	0.355
Region 13 (Riverside)	5.88 ^b	6.87	0.093	41.85	41.38	0.824
Region 14 (Orange)	6.76	6.23	0.368	39.94	39.31	0.765
Region 15	6.87	7.10	0.707	37.07 ^a	32.95	0.027
Colorado	7.29 ^a	8.57	0.029	32.03 ^a	28.84	0.013
Region 1	7.06	7.48	0.567	32.34	30.80	0.505
Regions 2 and 7	7.88 ^a	9.60	0.033	30.61 ^a	26.71	0.016
Region 3	6.33	6.66	0.625	31.41	29.75	0.490
Region 4	5.01	5.81	0.170	42.60	40.59	0.436
Regions 5 and 6	7.08 ^b	8.64	0.069	34.08 ^b	29.95	0.100
Connecticut	7.34 ^b	6.53	0.075	34.00	35.81	0.186
Eastern	8.80	8.36	0.593	33.02	30.05	0.206
North Central	7.07	7.18	0.864	37.10	37.24	0.950
Northwestern	7.15 ^b	5.96	0.072	31.62 ^a	38.60	0.005
South Central	7.93 ^a	6.38	0.024	33.28	34.83	0.498
Southwest	6.26 ^b	5.11	0.060	33.08	36.03	0.226
Delaware	5.84	6.52	0.109	38.70	36.75	0.172
Kent	4.92	5.40	0.385	44.39 ^a	38.45	0.018
New Castle (excluding Wilmington City)	6.01 ^b	6.91	0.093	34.59	34.21	0.838
Sussex	5.30	5.60	0.613	43.28	41.37	0.454
Wilmington City	7.68	8.68	0.271	41.83 ^b	37.09	0.100

See notes at end of table.

(continued)

Table 2. Marijuana Use in Past Month and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month			Perceptions of Great Risk of Smoking Marijuana Once a Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
District of Columbia	7.31 ^a	9.14	0.001	31.49	30.32	0.361
Ward 1	8.71 ^a	11.35	0.012	29.14	26.42	0.245
Ward 2	9.30	10.73	0.136	23.16	20.44	0.151
Ward 3	6.01 ^a	8.43	0.002	17.90	18.47	0.782
Ward 4	5.39	6.40	0.129	38.22 ^b	33.22	0.071
Ward 5	7.81 ^a	10.46	0.005	36.89	33.41	0.174
Ward 6	7.24	7.58	0.675	28.98	30.92	0.412
Ward 7	6.12 ^a	7.87	0.034	44.04	42.76	0.655
Ward 8	8.02 ^a	10.30	0.016	40.93	41.98	0.667
Florida[†]	5.65	5.54	0.668	42.98	42.80	0.823
Region A - Northwest	8.09 ^a	7.06	0.031	39.48	39.46	0.992
Circuit 1	7.27 ^a	5.66	0.010	40.82	38.71	0.397
Circuit 2	10.76	10.40	0.693	36.06	37.49	0.530
Circuit 14	6.32	6.02	0.652	41.05	43.81	0.308
Region B - Northeast	7.33 ^a	6.23	0.009	39.04	37.92	0.429
Circuits 3 and 8	7.85	7.02	0.187	40.03	38.77	0.577
Circuit 4	8.02 ^a	6.29	0.011	37.81	37.71	0.964
Circuit 7	6.01	5.63	0.487	39.99	37.63	0.315
Region C - Central	5.41	5.30	0.741	41.51	42.33	0.501
Circuit 5	4.06	4.65	0.181	45.15	42.75	0.313
Circuit 9	6.42 ^b	5.36	0.069	42.56	45.82	0.118
Circuit 10	4.33	4.46	0.784	44.49	44.08	0.866
Circuit 18	6.48	6.48	0.995	35.63	38.31	0.210
Circuit 19	4.88	5.37	0.312	39.37	38.52	0.740
Region D - Southeast	--	5.80	--	--	42.51	--
Circuit 15 (Palm Beach)	6.23	7.18	0.128	42.64	40.31	0.279
Circuit 17 (Broward)	5.22	4.78	0.383	42.10	44.13	0.275
Region E - Sun Coast	5.29	5.66	0.286	41.51	41.11	0.758
Circuit 6	5.67	5.42	0.641	40.75	41.50	0.739
Circuit 12	4.73	5.31	0.266	43.11	39.70	0.184
Circuit 13 (Hillsborough)	6.13	6.03	0.866	41.64	42.06	0.847
Circuit 20	4.30 ^a	5.79	0.002	41.28	40.59	0.767
Region F - Southern (Circuits 11 and 16)	3.84	3.95	0.784	54.01	53.58	0.817

See notes at end of table.

(continued)

Table 2. Marijuana Use in Past Month and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month			Perceptions of Great Risk of Smoking Marijuana Once a Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Georgia	6.15	5.76	0.377	43.64 ^a	39.67	0.004
Region 1	4.92	4.42	0.320	46.01	45.07	0.718
Region 2	5.22	5.32	0.853	45.36 ^a	38.23	0.005
Region 3	7.66 ^b	6.43	0.074	40.92 ^b	37.23	0.068
Region 4	4.40 ^b	5.47	0.057	46.10	43.73	0.336
Region 5	5.41	5.82	0.458	45.38 ^a	39.99	0.025
Hawaii	5.88	6.12	0.661	38.03	37.68	0.828
Hawaii Island	8.57	9.44	0.481	37.69	34.19	0.177
Honolulu	4.99	5.09	0.859	39.02	38.94	0.966
Kauai and Maui**	7.73	7.94	0.817	33.86	35.02	0.597
Maui	8.39	8.33	0.956	32.27	34.46	0.402
Idaho	5.03	5.48	0.197	38.53	37.47	0.387
Region 1	5.29 ^a	6.75	0.028	34.04	33.65	0.870
Region 2	6.02	6.08	0.921	35.33	34.96	0.882
Region 3	4.46	4.17	0.492	40.37	40.07	0.888
Region 4	5.64 ^a	7.26	0.007	34.69	31.56	0.117
Region 5	4.28	4.24	0.926	43.74	43.66	0.977
Region 6	4.82	4.58	0.613	41.30	39.25	0.407
Region 7	4.39 ^a	3.25	0.003	44.66	46.11	0.572
Illinois	5.51	5.40	0.682	38.95	38.80	0.853
Region I (Cook)	6.37	5.81	0.196	39.00	39.54	0.682
Region II	4.67	5.18	0.166	35.81	35.52	0.819
Region III	5.36	5.51	0.724	40.98	39.61	0.436
Region IV	4.72	4.27	0.276	44.06	42.68	0.499
Region V	5.02	5.14	0.774	42.19	42.63	0.826
Indiana	5.51 ^a	6.36	0.030	38.73	37.27	0.252
Central	6.33	6.76	0.528	37.31	36.81	0.820
East	4.74	5.49	0.158	38.25	37.27	0.718
North Central	5.26	5.79	0.346	39.26	39.52	0.910
Northeast	4.51 ^a	6.66	0.000	42.74 ^a	36.31	0.013
Northwest	5.90	6.10	0.755	39.63	39.33	0.905
Southeast	5.10 ^a	6.41	0.024	40.95 ^a	35.63	0.037
Southwest	5.22	4.71	0.297	37.50	39.73	0.395
West	5.75 ^a	8.08	0.000	35.77	33.81	0.390

See notes at end of table.

(continued)

Table 2. Marijuana Use in Past Month and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month			Perceptions of Great Risk of Smoking Marijuana Once a Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Iowa	4.38 ^b	3.85	0.074	39.34	38.50	0.516
Central	5.11	4.64	0.369	36.62	35.26	0.560
North Central	3.91	3.34	0.131	39.26	38.87	0.869
Northeast	4.77 ^a	3.77	0.016	39.40	38.42	0.657
Northwest	3.33	2.92	0.249	40.96	41.33	0.878
Southeast	4.58	4.37	0.613	38.74	38.73	0.999
Southwest	4.00	3.67	0.401	42.65	38.92	0.177
Kansas	5.42	5.14	0.436	40.16	38.84	0.340
Kansas City Metro	6.65	6.15	0.418	34.65	34.86	0.918
Northeast	4.83	4.60	0.618	39.87	40.10	0.925
South Central	4.20	3.78	0.303	45.71 ^b	41.21	0.085
Southeast	4.93	4.61	0.525	43.93 ^b	39.29	0.097
West	4.31	4.93	0.183	48.60	45.29	0.216
Wichita (Sedgwick)	5.75	5.19	0.282	38.91	38.96	0.986
Kentucky	5.80	5.38	0.279	43.39	44.05	0.632
Adanta, Cumberland River, and Lifeskills	4.32	4.12	0.642	45.81	46.54	0.773
Bluegrass, Comprehend, and North Key	6.54	6.07	0.464	40.52	43.14	0.241
Communicare and River Valley	5.34	4.87	0.371	45.65	45.34	0.905
Four Rivers and Pennyroyal	5.45	4.84	0.229	47.49	47.82	0.901
Kentucky River, Mountain, and Pathways	4.26	4.00	0.578	49.70	47.32	0.352
Seven Counties	7.24	6.70	0.462	38.72	39.21	0.831
Louisiana	5.44	5.03	0.265	44.22	45.61	0.309
Regions 1 and 3	--	5.06	--	--	46.57	--
Regions 2 and 9	6.07	5.64	0.433	41.50	44.73	0.129
Regions 4, 5, and 6	--	4.13	--	--	44.88	--
Regions 7 and 8	5.40	5.20	0.703	48.75	48.21	0.806
Region 10 (Jefferson)	5.23	5.38	0.784	39.86	43.13	0.238

See notes at end of table.

(continued)

Table 2. Marijuana Use in Past Month and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month			Perceptions of Great Risk of Smoking Marijuana Once a Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Maine						
Aroostook/Downeast	8.66	8.32	0.550	32.53	30.95	0.266
Central	7.21	6.94	0.732	32.48	35.60	0.233
Cumberland	9.21	8.19	0.254	34.69	34.30	0.884
Midcoast	9.67	8.83	0.343	28.51	27.42	0.612
Penquis	7.01	7.48	0.528	33.03	32.95	0.977
Western	9.45	9.48	0.975	35.11 ^b	30.82	0.098
York	9.29	8.04	0.146	33.30	30.22	0.221
	7.99	8.83	0.377	33.04 ^b	28.47	0.063
Maryland						
Anne Arundel	4.69	4.93	0.488	40.45	38.71	0.213
Baltimore City	4.51	4.50	0.992	37.97	34.81	0.247
Baltimore County	6.68	7.43	0.318	44.87	43.19	0.530
Montgomery	4.56	5.26	0.160	40.87	38.06	0.311
North Central	4.84	4.57	0.581	37.10	37.59	0.847
Northeast	4.37	4.45	0.862	33.87	33.98	0.968
Prince George's	4.52	4.65	0.791	38.68	34.38	0.101
South	4.38	4.52	0.794	45.77	43.46	0.355
West	4.23	4.24	0.988	41.57	39.72	0.472
	3.70	4.44	0.102	40.36	39.37	0.705
Massachusetts						
Boston	8.05	8.11	0.900	29.83 ^a	26.68	0.014
Central	9.70	9.94	0.793	30.52	28.11	0.289
Metrowest	8.42	8.19	0.755	30.85	28.27	0.248
Northeast	7.13	6.96	0.794	25.38	25.95	0.780
Southeast	7.35	7.04	0.648	32.12 ^a	26.44	0.009
Western	7.56	8.33	0.274	30.48 ^a	24.48	0.007
	9.63	9.66	0.980	31.73	28.78	0.221

See notes at end of table.

(continued)

Table 2. Marijuana Use in Past Month and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month			Perceptions of Great Risk of Smoking Marijuana Once a Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Michigan[†]						
Detroit City	6.79	6.91	0.667	35.97 ^a	34.39	0.034
Genesee	9.75	10.78	0.253	42.85	39.89	0.153
Kalamazoo	7.75	7.62	0.859	33.87	34.32	0.831
Kent	6.36	6.83	0.397	36.29	34.11	0.258
Lakeshore	6.17	5.76	0.431	35.20	33.37	0.375
Macomb	5.42	6.29	0.101	39.03	37.66	0.495
Mid South	6.27	5.81	0.435	32.78	34.77	0.308
Northern	7.15	7.56	0.453	33.07	32.53	0.762
Oakland	5.87	6.33	0.398	37.57 ^a	30.92	0.001
Pathways and Western	7.93 ^b	6.86	0.067	31.32	31.54	0.899
Riverhaven	--	7.46	--	--	34.33	--
Saginaw	5.48	5.49	0.989	38.36	37.80	0.820
Southeast	6.71	6.95	0.704	37.17	35.53	0.521
St. Clair	5.91	6.01	0.837	39.49	37.22	0.209
Washtenaw	5.31	5.81	0.330	38.32	34.98	0.166
Washtenaw	7.17	7.55	0.517	29.17	28.27	0.652
Minnesota						
Regions 1 and 2	6.85	6.83	0.967	31.47	31.20	0.827
Regions 3 and 4	6.95	7.44	0.533	33.09	32.92	0.944
Regions 5 and 6	6.11	6.75	0.320	36.27	33.85	0.253
Region 7A (Hennepin)	5.25	5.10	0.768	33.70	32.46	0.586
Region 7B (Ramsey)	8.83	7.83	0.224	28.54	28.21	0.880
Region 7C	7.54	8.29	0.403	30.21	28.81	0.565
Region 7C	6.35	6.50	0.824	28.67	31.24	0.190
Mississippi						
Region 1	4.89	4.39	0.133	51.97	50.69	0.373
Region 2	4.57	4.83	0.576	52.08	50.26	0.464
Region 3	5.38	4.67	0.191	54.80	53.68	0.654
Region 4	3.85	3.99	0.750	55.53	53.37	0.393
Region 5	5.04 ^a	3.93	0.023	47.47	47.23	0.921
Region 6	3.94	4.05	0.784	57.26	54.50	0.324
Region 7	4.82	4.28	0.241	55.02	51.90	0.198
Region 7	6.09 ^a	4.61	0.011	46.87	47.78	0.724

See notes at end of table.

(continued)

Table 2. Marijuana Use in Past Month and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month			Perceptions of Great Risk of Smoking Marijuana Once a Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Missouri						
Central	5.61	5.64	0.948	40.83 ^a	37.08	0.003
Eastern	5.27	4.72	0.308	40.21	37.79	0.316
Eastern (St. Louis City and County)	6.46	6.73	0.599	35.83	33.81	0.268
Eastern (excluding St. Louis)	6.90	6.64	0.668	35.10	34.02	0.646
Northwest	5.58 ^a	6.90	0.034	37.29	33.42	0.108
Northwest (Jackson)	5.52	5.27	0.546	44.16 ^a	39.24	0.014
Northwest (excluding Jackson)	6.22	6.17	0.943	43.22	42.48	0.772
Southeast	4.91	4.49	0.371	44.99 ^a	36.42	0.001
Southwest	4.90	4.81	0.851	45.80 ^a	40.71	0.048
	4.68	5.10	0.391	43.66 ^a	37.88	0.020
Montana	8.69	8.59	0.856	34.84 ^a	31.67	0.020
Region 1	6.34	5.91	0.513	41.55	38.98	0.341
Region 2	5.88	5.70	0.781	40.97	37.02	0.139
Region 3	6.72	7.01	0.684	35.31	35.32	0.997
Region 4	8.71	10.07	0.105	31.46 ^b	27.73	0.074
Region 5	12.05	10.43	0.137	32.50 ^a	28.16	0.039
Nebraska	4.92	4.96	0.910	40.11	41.23	0.446
Regions 1 and 2	3.85	4.06	0.586	42.95	45.11	0.389
Region 1	--	4.29	--	--	43.01	--
Region 2	--	3.86	--	--	46.92	--
Region 3	4.41	4.34	0.866	45.79	46.70	0.722
Region 4	3.36 ^b	4.11	0.061	46.74	46.87	0.960
Region 5	4.82	5.21	0.415	37.80	38.72	0.684
Region 6	5.97	5.49	0.366	36.72	38.34	0.442
Nevada	6.54	6.49	0.921	35.46	36.55	0.465
Clark	6.45	6.01	0.446	35.42	38.06	0.138
Rural	5.96 ^b	7.31	0.072	36.97	34.26	0.278
Washeoe	7.43	7.93	0.573	34.33	31.73	0.247

See notes at end of table.

(continued)

Table 2. Marijuana Use in Past Month and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month			Perceptions of Great Risk of Smoking Marijuana Once a Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
New Hampshire						
Central	7.64 ^a	8.80	0.028	26.73	25.80	0.456
Central 1	7.83	8.89	0.103	27.62	25.62	0.249
Central 2	8.11	9.12	0.199	25.77	27.07	0.547
Northern	7.55	8.66	0.175	29.42 ^a	24.25	0.027
Southern	7.99 ^a	9.61	0.048	25.47	24.47	0.652
Southern 1 (Rockingham)	7.48 ^b	8.58	0.069	26.58	26.19	0.784
Southern 2	6.89 ^a	9.11	0.004	25.70	25.83	0.948
Southern 2	7.84	8.25	0.586	27.12	26.40	0.688
New Jersey	4.88	4.70	0.611	38.86	39.59	0.611
Central	4.53	5.08	0.272	34.85	37.76	0.236
Metropolitan	4.74	4.49	0.588	41.19	42.12	0.708
Northern	4.24	4.08	0.693	39.82	40.07	0.909
Southern	6.42	5.45	0.101	39.06	38.06	0.669
New Mexico	7.02	6.75	0.586	39.54	39.92	0.794
Region 1	6.46	6.25	0.755	38.54	39.35	0.723
Region 2	8.52	8.54	0.986	38.50	37.27	0.636
Region 3 (Bernalillo)	7.59	7.44	0.825	34.87	37.06	0.304
Region 4	5.72	5.22	0.374	46.85	45.46	0.598
Region 5	6.36	5.75	0.299	43.82	43.60	0.931

See notes at end of table.

(continued)

Table 2. Marijuana Use in Past Month and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month			Perceptions of Great Risk of Smoking Marijuana Once a Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
New York	7.39	7.06	0.247	37.83	36.80	0.221
Region A	7.24 ^a	6.36	0.016	39.90	39.15	0.515
Region 1	6.97 ^b	5.88	0.092	45.14	43.96	0.604
Region 2	7.40 ^a	5.90	0.004	40.10	39.92	0.923
Region 3	10.14	9.60	0.530	32.05	30.01	0.319
Region 4	5.16	4.84	0.503	42.21	42.10	0.961
Region B	6.55	6.53	0.969	35.66	35.89	0.863
Region 5	6.26	6.73	0.372	35.76	36.93	0.530
Region 6	6.26 ^b	5.35	0.093	35.08	35.50	0.848
Region 7	7.98	7.70	0.683	36.21	33.13	0.153
Region C	8.39	8.32	0.843	35.95	34.28	0.145
Region 8	9.85	10.34	0.578	32.69 ^a	28.22	0.028
Region 9	9.02	8.05	0.137	37.87	34.58	0.128
Region 10	8.56	8.50	0.926	37.09	34.71	0.295
Region 11	7.25	6.49	0.172	37.37	36.46	0.674
Region 12	7.64	8.36	0.276	35.40	37.13	0.403
Region D	7.88	8.54	0.163	39.30 ^a	35.09	0.006
Region 13	7.33 ^a	8.79	0.027	39.42 ^a	33.31	0.011
Region 14	7.76	8.49	0.278	38.84 ^b	34.67	0.071
Region 15	8.47	8.35	0.875	39.63	37.09	0.309
North Carolina	5.24	5.65	0.282	40.83	39.07	0.227
Eastern	5.39 ^a	7.30	0.002	43.48 ^b	39.11	0.082
North Central	4.81 ^b	5.76	0.083	39.72	40.57	0.726
South Central	4.94	4.83	0.830	41.61	38.45	0.187
Western	5.68	5.24	0.415	39.59	38.43	0.589
North Dakota	4.70	4.82	0.754	39.38	38.55	0.521
Badlands and West Central	4.80	4.59	0.689	39.66	37.07	0.256
Lake Region and South Central	3.58 ^b	4.51	0.057	46.07	45.24	0.748
North Central and Northwest	3.39	3.59	0.632	42.82	40.85	0.430
Northeast	4.58	4.78	0.698	37.24	39.20	0.399
Southeast	6.20	6.02	0.745	34.00	34.41	0.845

See notes at end of table.

(continued)

Table 2. Marijuana Use in Past Month and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month			Perceptions of Great Risk of Smoking Marijuana Once a Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Ohio						
Boards 2, 46, 55, and 68	6.13	6.03	0.713	38.16	37.46	0.336
Boards 3, 52, and 85	5.21	4.96	0.595	41.49	40.66	0.710
Boards 4 and 78	5.04	4.68	0.392	39.65 ^a	34.88	0.042
Boards 5 and 60	5.77	5.21	0.272	40.06	40.83	0.750
Boards 7, 15, 41, 79, and 84	5.70	6.30	0.244	42.39	42.19	0.930
Boards 8, 13, and 83	4.79 ^b	3.99	0.075	46.36	43.93	0.318
Board 9 (Butler)	5.56	5.65	0.846	35.88	36.40	0.830
Board 12	6.05	5.27	0.135	38.51	36.32	0.329
Boards 18 and 47	6.04	6.27	0.656	42.39	40.21	0.373
Boards 20, 32, 54, and 69	6.77	6.62	0.780	36.55	38.88	0.171
Boards 21, 39, 51, 70, and 80	4.15	4.49	0.407	41.86	39.12	0.280
Boards 22, 74, and 87	5.32	5.12	0.662	36.35	37.52	0.601
Boards 23 and 45	5.12 ^a	6.12	0.047	36.79	35.81	0.682
Board 25 (Franklin)	4.96	5.05	0.834	40.83	38.19	0.288
Boards 27, 71, and 73	7.02	8.03	0.132	33.39	33.02	0.839
Boards 28, 43, and 67	5.18	4.56	0.203	43.76	43.30	0.843
Board 31 (Hamilton)	6.14	5.43	0.171	38.52	37.14	0.514
Board 48 (Lucas)	7.91	7.60	0.646	33.96	32.52	0.477
Boards 50 and 76	6.81	7.27	0.462	36.41	34.27	0.345
Board 57 (Montgomery)	5.29	5.54	0.615	40.03	38.92	0.612
Board 77 (Summit)	7.81 ^b	6.53	0.051	37.04	36.48	0.806
Oklahoma						
Central	5.17	4.80	0.318	42.01	42.15	0.921
East Central	5.11	4.75	0.478	41.22	43.68	0.342
Northeast	3.89	4.27	0.416	43.31	41.33	0.455
Northwest and Southwest	4.50	4.15	0.437	39.81	41.13	0.602
Oklahoma County	4.56	4.52	0.933	44.23	43.66	0.827
Southeast	6.61	6.72	0.872	44.09	41.77	0.360
Tulsa County	4.08	3.65	0.285	44.60	43.80	0.778
	6.51 ^a	4.75	0.003	36.61	40.09	0.139

See notes at end of table.

(continued)

Table 2. Marijuana Use in Past Month and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month			Perceptions of Great Risk of Smoking Marijuana Once a Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Oregon						
Region 1 (Multnomah)	7.83	7.74	0.880	29.72	28.42	0.301
Region 2	10.89	10.33	0.635	25.60	25.08	0.800
Region 3	7.40	7.06	0.640	26.94 ^b	30.23	0.100
Region 4	7.32	7.13	0.782	31.62 ^a	26.27	0.008
Region 5 (Central)	6.34	7.53	0.133	32.35	31.19	0.636
Region 6 (Eastern)	--	8.05	--	--	27.64	--
--	--	5.85	--	--	36.55	--
Pennsylvania						
Region 1 (Allegheny)	5.99 ^a	5.07	0.000	39.79	40.82	0.185
Regions 2, 3, 8, and 9	7.55 ^a	5.91	0.004	39.05	38.72	0.867
Regions 4, 11, 37, and 49	4.76	4.40	0.414	41.06	41.12	0.978
Regions 5, 18, 23, 24, and 46	5.54	5.00	0.262	39.18	40.54	0.535
Regions 6, 12, 16, 31, 35, 39, 45, and 47	4.20 ^a	3.18	0.006	45.50 ^a	52.69	0.002
Regions 7, 13, 20, and 33	5.57 ^b	4.75	0.082	40.58	40.83	0.908
Regions 10, 14, 15, 27, 32, 43, and 44	6.19	6.24	0.921	34.22	32.76	0.361
Regions 17 and 21	5.78	5.20	0.231	43.62	39.74	0.102
Regions 19, 26, 28, and 42	6.29 ^a	4.76	0.002	37.64	39.67	0.433
Regions 22, 38, 40, 41, and 48	4.92 ^a	3.61	0.000	41.84 ^a	51.40	0.000
Regions 25 and 30	5.05 ^a	3.82	0.006	40.05	41.85	0.435
Regions 29 and 34	6.22 ^a	4.69	0.005	44.21	41.80	0.303
Region 36 (Philadelphia)	5.51 ^a	3.55	0.000	40.64	42.10	0.553
	7.86	6.87	0.113	40.94	39.15	0.363
Rhode Island						
Bristol and Newport	9.47 ^a	10.86	0.017	32.34	30.68	0.224
Kent	9.74 ^a	12.17	0.020	31.14	28.75	0.309
Providence	8.33	9.66	0.141	32.20	29.48	0.285
Washington	9.32 ^a	11.18	0.008	33.39	32.44	0.590
	11.37 ^b	9.48	0.089	28.67	25.73	0.192
South Carolina						
Region 1	5.31	4.85	0.205	42.69	41.65	0.441
Region 2	5.29 ^a	4.29	0.043	44.24	44.52	0.908
Region 3	5.39	5.26	0.804	39.94	39.84	0.961
Region 4	5.20	4.59	0.226	44.74	45.27	0.824
	5.31	5.13	0.756	42.84 ^a	38.35	0.046

See notes at end of table.

(continued)

Table 2. Marijuana Use in Past Month and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month			Perceptions of Great Risk of Smoking Marijuana Once a Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
South Dakota	5.00	5.22	0.534	39.83	37.71	0.104
Region 1	5.32	5.07	0.625	40.08	36.59	0.170
Region 2	4.94	5.12	0.716	37.84	35.32	0.257
Region 3	5.06	5.18	0.816	40.82	37.69	0.167
Region 4	5.50	5.61	0.850	40.78	36.95	0.112
Region 5	4.42	4.70	0.519	42.39	41.98	0.880
Region 6	4.40	4.10	0.525	45.89	43.00	0.297
Region 7	5.10 ^b	6.20	0.065	36.25	37.96	0.482
Tennessee	5.84	5.92	0.832	41.17	42.82	0.223
Region 1	5.67 ^b	4.60	0.052	42.40	44.98	0.346
Region 2	5.69	5.54	0.781	40.35	41.21	0.730
Region 3	5.70	6.53	0.137	41.85	45.61	0.142
Region 4 (Davidson)	7.40	7.14	0.737	38.99	38.90	0.972
Region 5	4.94	5.71	0.151	38.55	39.67	0.619
Region 6	5.05	4.74	0.545	47.96	47.85	0.969
Region 7 (Shelby)	7.07	6.88	0.801	41.20	44.41	0.205
Texas	4.42	4.27	0.487	43.83	44.28	0.545
Region 1	4.88	5.17	0.528	44.92	43.09	0.402
Region 2	3.75	4.05	0.430	44.25	43.47	0.754
Region 3	4.73	4.43	0.348	40.98	41.96	0.439
Region 3a	4.65	4.38	0.486	41.04	42.56	0.312
Region 3bc	4.87	4.52	0.423	40.89	40.91	0.990
Region 4	3.85 ^b	4.56	0.070	43.50	44.35	0.729
Region 5	4.76 ^a	3.85	0.026	44.29	43.07	0.606
Region 6	4.21	4.07	0.688	42.93 ^b	45.45	0.077
Region 6a	4.06	4.06	0.997	42.93 ^b	45.67	0.080
Region 6bc	5.42 ^a	4.12	0.008	42.90	43.69	0.744
Region 7	5.84	5.97	0.766	36.31	37.64	0.388
Region 7a	6.44	6.47	0.960	33.17	35.16	0.313
Region 7bcd	4.92	5.16	0.585	41.12	41.62	0.811
Region 8	4.08	3.74	0.349	47.12	45.37	0.355
Region 9	3.54	3.56	0.955	49.41	46.75	0.281
Region 10	3.13	2.95	0.572	55.46	53.77	0.475
Region 11	3.39	2.97	0.125	55.14	53.40	0.319
Region 11abd	3.34	3.04	0.377	54.98	53.31	0.455
Region 11c (Hidalgo)	3.48 ^a	2.85	0.036	55.45	53.56	0.417

See notes at end of table.

(continued)

Table 2. Marijuana Use in Past Month and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month			Perceptions of Great Risk of Smoking Marijuana Once a Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Utah						
Bear River, Northeastern, Summit, Tooele, and Wasatch	4.38	4.00	0.244	43.27	42.82	0.742
Central, Four Corners, San Juan, and Southwest	3.53	4.10	0.162	47.54 ^a	41.39	0.012
Davis County	3.01	3.12	0.754	48.25	46.20	0.433
Salt Lake County	4.30	3.74	0.185	45.13	42.64	0.332
Utah County	5.47 ^b	4.55	0.066	39.05	39.37	0.874
Weber, Morgan	3.59	3.48	0.772	44.97 ^a	50.15	0.032
	3.95	4.03	0.853	44.67	40.44	0.109
Vermont						
Champlain Valley	9.65	10.29	0.281	28.23	28.09	0.917
Rural Northeast	11.35	10.88	0.560	24.36	25.95	0.354
Rural Southeast	8.59 ^b	10.31	0.067	32.39	29.56	0.220
Rural Southwest	8.63	10.02	0.116	29.40	27.60	0.421
	8.47	9.21	0.399	29.80	31.67	0.471
Virginia						
Region 1	5.36 ^b	5.98	0.094	39.74 ^a	36.46	0.017
Region 2	--	6.60	--	--	36.31	--
Region 3	5.01	5.29	0.601	36.45	36.19	0.909
Region 4	5.89	5.84	0.930	42.98 ^a	37.51	0.031
Region 5	--	6.40	--	--	35.66	--
	5.35	6.14	0.139	40.93 ^b	36.66	0.074
Washington						
Region 1	7.42	7.39	0.946	26.71	27.03	0.798
Region 2	7.49	7.06	0.544	30.21	29.55	0.769
Region 3	5.78	6.30	0.400	35.87	34.18	0.494
Region 4 (King)	7.28	7.23	0.957	25.93	26.03	0.962
Region 5	8.76	8.33	0.625	22.10	23.18	0.562
Region 6	5.88	6.54	0.344	27.82	28.33	0.812
	7.46	7.57	0.889	27.05	27.64	0.787

See notes at end of table.

(continued)

Table 2. Marijuana Use in Past Month and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month			Perceptions of Great Risk of Smoking Marijuana Once a Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
West Virginia						
Eastern Highland	5.98	5.38	0.120	45.14	44.38	0.579
Northern	5.51	5.25	0.627	45.64	45.14	0.834
Northern A and B	7.34	6.48	0.143	43.44	42.53	0.645
Northern C and D	4.37	5.04	0.171	43.81	45.21	0.623
South Central	8.84 ^a	7.19	0.032	43.25	41.22	0.390
South Central I	5.66	5.07	0.182	43.93	44.50	0.751
South Central II	5.18	4.59	0.271	47.15	45.77	0.616
South Central III	6.31	5.74	0.356	48.09	47.94	0.957
Southern	5.52	4.91	0.310	39.21	41.50	0.390
Southern I and III	5.27	4.58	0.128	49.35	45.76	0.115
Southern II	5.28	4.59	0.177	49.84	45.68	0.142
Southern II	5.25	4.57	0.227	48.39	45.92	0.386
Wisconsin						
Milwaukee	5.75	6.03	0.469	33.98	36.01	0.118
Northeastern	7.08	6.73	0.610	34.12	37.32	0.204
Northern	5.17	5.14	0.953	32.32	34.02	0.466
Southeastern	4.95	5.04	0.863	37.95	40.62	0.313
Southern	5.01 ^a	6.29	0.031	32.94 ^a	37.23	0.048
Western	6.53	6.54	0.989	32.82	33.28	0.828
	5.62	6.20	0.343	37.02	36.60	0.870

See notes at end of table.

(continued)

Table 2. Marijuana Use in Past Month and Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Month			Perceptions of Great Risk of Smoking Marijuana Once a Month		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Wyoming	6.31	6.09	0.580	36.08	36.01	0.963
Judicial District 1 (Laramie)	5.47	5.03	0.429	37.09	38.82	0.457
Judicial District 2	8.91	9.90	0.256	31.25	28.93	0.323
Judicial District 3	5.98	5.36	0.254	37.04	36.09	0.692
Judicial District 4	5.86	5.49	0.527	35.67	33.94	0.528
Judicial District 5	4.74	4.90	0.732	41.30	40.96	0.902
Judicial District 6	5.90	5.66	0.704	39.12	37.42	0.497
Judicial District 7 (Natrona)	7.13	7.19	0.931	32.21	32.75	0.821
Judicial District 8	4.19	4.82	0.187	37.76	41.41	0.188
Judicial District 9	7.90	6.74	0.162	34.40	33.88	0.832

-- Not available. These regions were not defined consistently across the two time periods, 2004-2006 and 2006-2008; hence, the 2004-2006 estimates and p values are not available for these regions. The definitions of the substate regions listed in this table are provided in Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

[†] Names of some of the substate regions for this State have changed across the two time periods (2004-2006 vs. 2006-2008). For details, see Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

** A separate Kauai estimate is not being reported because of low precision. For more details, see Table D12 of Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

NOTE: p value: Bayes posterior probability of no change.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

^a Difference between the 2006-2008 estimate and the 2004-2006 estimate is statistically significant at the 0.05 level.

^b Difference between the 2006-2008 estimate and the 2004-2006 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, 2006, 2007, and 2008.

Table 3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs

State/Substate Region	Marijuana Use in Past Year			Cocaine Use in Past Year			Nonmedical Use of Pain Relievers in Past Year		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Total United States	10.47	10.29	0.158	2.38	2.32	0.384	4.89	5.00	0.181
Northeast	11.62 ^a	10.99	0.004	2.55	2.43	0.266	4.44	4.26	0.173
Midwest	10.36	10.15	0.234	2.29	2.17	0.164	4.82 ^b	5.02	0.070
South	9.34	9.22	0.452	2.35	2.23	0.162	4.93	5.01	0.453
West	11.40	11.54	0.583	2.37	2.52	0.158	5.27 ^b	5.56	0.080
Alabama	8.37	8.03	0.471	2.15	1.85	0.157	5.28	5.61	0.391
Region 1	7.24	7.26	0.980	1.85	1.65	0.395	4.74	5.15	0.405
Region 2	9.09	8.24	0.240	2.24	1.94	0.314	6.00	6.19	0.757
Region 3	9.03	9.52	0.505	2.31	1.97	0.303	4.67	5.38	0.162
Region 4	8.21	7.52	0.264	2.28	1.88	0.204	5.39	5.54	0.798
Alaska	15.40	14.20	0.174	2.70	2.94	0.504	5.56	5.23	0.483
Gulf Coast	12.25 ^a	15.08	0.035	1.98 ^b	2.66	0.051	4.80	5.15	0.508
Rural	15.87	14.53	0.359	1.95	2.16	0.568	4.76	4.26	0.366
Southeast	14.78	14.07	0.623	2.29 ^b	3.02	0.074	5.52	5.16	0.546
Urban	16.00 ^b	14.02	0.057	3.03	3.09	0.887	5.84	5.40	0.440
Arizona	9.41	10.05	0.286	2.90	3.23	0.318	5.23 ^a	6.40	0.006
Maricopa	9.52	10.46	0.206	2.90	3.31	0.281	5.27 ^a	6.66	0.008
Pima	10.27	10.04	0.793	3.66	3.77	0.833	5.93	6.03	0.880
Rural North	10.20	10.12	0.935	2.56	2.69	0.748	5.07 ^a	6.83	0.008
Rural South	6.92 ^b	8.04	0.071	2.23	2.66	0.235	4.21 ^b	5.17	0.051
Arkansas	9.83	10.72	0.104	2.05	2.02	0.896	6.01	6.71	0.110
Areas 1 and 2	10.15	11.48	0.114	2.26	2.10	0.560	6.59	7.52	0.164
Areas 3 and 4	9.92	9.63	0.738	1.83	2.01	0.530	5.75 ^a	7.45	0.011
Areas 5 and 6	8.90 ^a	11.17	0.004	1.80	1.95	0.549	6.28	6.97	0.290
Areas 7, 12, and 13	9.52	10.66	0.178	2.55	1.96	0.157	5.34	5.47	0.822
Areas 8, 10, and 11	9.50	10.10	0.440	1.87	1.93	0.829	5.87	6.11	0.691
Area 9	10.79	11.07	0.763	2.09	2.14	0.873	6.02	6.29	0.671

See notes at end of table.

(continued)

Table 3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year			Cocaine Use in Past Year			Nonmedical Use of Pain Relievers in Past Year		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
California	11.58	11.72	0.724	2.30	2.42	0.455	4.95	5.27	0.193
Region 1	15.66	14.14	0.177	2.61	2.88	0.436	6.15	5.92	0.662
Region 2	14.84	14.97	0.893	2.90	2.91	0.981	5.79	6.63	0.167
Region 3	10.51	11.37	0.269	1.88	2.26	0.140	5.39	5.82	0.412
Region 4	15.39	15.72	0.808	2.57	2.75	0.659	4.57	4.50	0.889
Region 5	14.04	13.45	0.567	2.38	2.57	0.521	4.82	5.22	0.392
Region 6 (Santa Clara)	9.34	10.09	0.353	1.97	1.91	0.792	4.34	4.62	0.536
Region 7	12.45	13.46	0.297	2.51	2.67	0.610	5.26	5.04	0.658
Region 8	8.99	9.57	0.440	2.46	2.48	0.951	4.56	4.90	0.431
Region 9	11.84 ^b	13.38	0.096	2.29	2.56	0.359	5.35	5.52	0.729
Region 10	13.07	14.44	0.171	2.52	2.77	0.414	6.02	7.05	0.111
Region 11 (Los Angeles)	10.30	10.54	0.704	2.07	2.16	0.688	4.45	4.68	0.522
Region 12	10.00	8.98	0.138	2.23	2.30	0.760	4.84	5.11	0.556
Region 13 (Riverside)	10.63	11.05	0.579	2.14	2.44	0.205	5.16 ^b	6.03	0.087
Region 14 (Orange)	10.28 ^b	9.09	0.096	2.21	2.00	0.397	4.46	4.59	0.758
Region 15	11.48	12.34	0.280	2.45	2.77	0.276	5.80	5.75	0.930
Colorado	12.49	13.50	0.162	2.80	3.22	0.203	5.63	5.47	0.719
Region 1	12.47	12.77	0.740	2.55 ^b	3.33	0.055	5.47	5.57	0.872
Regions 2 and 7	13.09 ^b	14.78	0.093	3.08	3.47	0.374	5.51	5.71	0.724
Region 3	11.22	10.56	0.467	2.38	2.45	0.834	5.52	4.84	0.203
Region 4	9.99	10.80	0.310	2.28	2.52	0.480	6.36 ^a	4.92	0.024
Regions 5 and 6	12.41	13.21	0.446	2.52	3.21	0.108	6.13	5.26	0.132
Connecticut	13.13 ^a	11.53	0.012	2.57	2.35	0.401	5.09 ^a	4.06	0.005
Eastern	15.23	13.58	0.125	2.69	2.24	0.215	5.77 ^a	4.42	0.010
North Central	12.92	12.30	0.523	2.46	2.35	0.760	4.73	4.05	0.133
Northwestern	13.32 ^a	9.70	0.000	2.35	2.09	0.402	5.94 ^a	4.06	0.000
South Central	14.08 ^b	12.33	0.071	2.69	2.56	0.711	4.65	4.05	0.177
Southwest	10.79	9.73	0.230	2.68	2.38	0.445	4.98 ^a	3.87	0.038
Delaware	10.45	11.12	0.275	2.42	2.56	0.665	5.04	5.00	0.912
Kent	9.23	8.91	0.696	2.42	2.27	0.716	5.16	5.14	0.969
New Castle (excluding Wilmington City)	10.46	11.47	0.199	2.42	2.66	0.499	5.28	5.16	0.807
Sussex	9.15	9.88	0.411	2.15	2.27	0.774	4.41	4.60	0.718
Wilmington City	15.29	16.37	0.434	3.03	3.17	0.825	4.92	4.72	0.717

See notes at end of table.

(continued)

Table 3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year			Cocaine Use in Past Year			Nonmedical Use of Pain Relievers in Past Year		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
District of Columbia	14.54	15.22	0.387	3.83 ^b	4.82	0.069	3.65	3.83	0.564
Ward 1	18.06	18.20	0.922	4.24 ^b	5.81	0.079	4.15	3.99	0.758
Ward 2	19.93	20.27	0.806	5.22	6.35	0.204	4.78	5.02	0.671
Ward 3	14.25	14.99	0.543	3.39 ^b	4.68	0.073	4.12	4.20	0.875
Ward 4	10.02	10.97	0.295	3.22	3.79	0.367	3.05	3.38	0.452
Ward 5	13.76	15.34	0.187	4.20	5.07	0.313	3.54	3.70	0.735
Ward 6	14.25	12.92	0.304	4.16	4.52	0.665	3.37	3.62	0.589
Ward 7	11.04 ^b	12.75	0.092	2.77 ^a	4.37	0.046	2.48	3.05	0.137
Ward 8	13.98	15.60	0.160	3.13	3.59	0.516	3.21	3.36	0.695
Florida[†]	9.64	9.52	0.728	2.63 ^a	2.17	0.012	5.01 ^a	4.35	0.006
Region A - Northwest	13.10 ^a	11.61	0.019	3.47 ^a	2.67	0.011	7.01 ^a	5.40	0.000
Circuit 1	11.83 ^a	9.69	0.007	3.29 ^a	2.32	0.005	7.92 ^a	5.42	0.000
Circuit 2	17.32	16.50	0.438	3.77	3.57	0.707	6.23 ^b	5.35	0.093
Circuit 14	10.22	9.78	0.549	3.46 ^a	2.35	0.005	5.94	5.41	0.330
Region B - Northeast	12.02	11.22	0.199	3.01 ^a	2.39	0.017	5.78	5.43	0.347
Circuits 3 and 8	12.35	11.94	0.643	3.32	2.93	0.308	5.86	5.70	0.749
Circuit 4	13.17 ^b	11.46	0.072	3.37 ^a	2.46	0.023	5.69	5.66	0.952
Circuit 7	10.23	10.46	0.780	2.28	1.95	0.254	5.84 ^b	4.98	0.080
Region C - Central	9.20	9.29	0.842	2.44	2.17	0.162	5.32 ^a	4.49	0.005
Circuit 5	7.50	8.49	0.125	1.96	1.84	0.644	4.51	4.88	0.429
Circuit 9	10.39	9.31	0.154	2.61	2.64	0.926	5.61 ^a	4.23	0.002
Circuit 10	7.14	7.89	0.218	2.23	1.82	0.124	5.00	4.36	0.157
Circuit 18	11.04	10.93	0.898	2.82 ^b	2.27	0.081	6.02 ^a	4.45	0.002
Circuit 19	8.76	9.57	0.300	2.47 ^b	1.95	0.098	5.22	4.61	0.214
Region D - Southeast	--	9.25	--	--	1.96	--	--	3.69	--
Circuit 15 (Palm Beach)	11.20	11.65	0.621	2.56	2.09	0.182	4.53	4.05	0.263
Circuit 17 (Broward)	8.65 ^b	7.47	0.070	2.50 ^a	1.86	0.030	3.82	3.43	0.296
Region E - Sun Coast	9.20 ^b	10.05	0.086	2.44	2.11	0.132	5.15 ^a	4.37	0.018
Circuit 6	8.73	9.18	0.536	2.32	1.92	0.197	4.41	3.83	0.178
Circuit 12	8.40 ^a	10.16	0.035	2.18	1.96	0.453	4.97	4.60	0.451
Circuit 13 (Hillsborough)	11.23	10.52	0.385	2.96 ^a	2.30	0.046	6.16 ^a	4.29	0.000
Circuit 20	8.25 ^a	10.59	0.003	2.23	2.27	0.888	5.20	4.95	0.649
Region F - Southern (Circuits 11 and 16)	7.02	6.52	0.362	2.60 ^b	2.05	0.090	3.59	3.23	0.305

See notes at end of table.

(continued)

Table 3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year			Cocaine Use in Past Year			Nonmedical Use of Pain Relievers in Past Year		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Georgia	10.14	10.51	0.542	2.11	2.31	0.429	4.65 ^b	5.31	0.056
Region 1	8.02	7.72	0.651	1.95	2.09	0.637	6.47	5.70	0.239
Region 2	9.96	9.12	0.291	2.06	2.37	0.331	5.70	5.74	0.954
Region 3	11.54	12.26	0.429	2.31	2.44	0.711	3.81 ^a	4.90	0.016
Region 4	8.48	9.50	0.196	1.81	2.21	0.254	4.31 ^a	5.30	0.048
Region 5	9.65	10.38	0.361	1.98	2.12	0.682	4.58 ^a	5.72	0.037
Hawaii	10.55	10.02	0.442	1.99	1.86	0.648	3.49 ^b	4.22	0.075
Hawaii Island	13.13	12.67	0.729	2.08	2.30	0.538	3.95	4.50	0.280
Honolulu	9.70	9.26	0.533	2.03	1.77	0.409	3.29 ^b	4.15	0.058
Kauai and Maui**	12.27	11.13	0.276	1.75	1.91	0.598	4.02	4.30	0.560
Maui	12.63	11.44	0.330	1.78	1.94	0.621	4.13	4.34	0.698
Idaho	9.27	9.15	0.801	1.95 ^a	1.59	0.033	5.73	5.82	0.802
Region 1	9.28	10.45	0.131	1.84	1.50	0.171	5.77	6.24	0.445
Region 2	10.74	10.39	0.678	2.14 ^b	1.68	0.065	5.78	5.53	0.653
Region 3	8.22 ^b	7.12	0.063	1.66	1.39	0.195	5.68	5.63	0.924
Region 4	11.47	12.14	0.425	2.28	1.85	0.119	6.07	6.33	0.663
Region 5	7.50	7.58	0.891	1.80 ^a	1.37	0.038	4.68	5.16	0.329
Region 6	8.22	8.19	0.964	1.87	1.61	0.262	6.49	5.75	0.210
Region 7	7.28 ^a	5.04	0.000	1.83 ^b	1.46	0.095	5.26	5.27	0.984
Illinois	9.71	9.57	0.704	2.49	2.31	0.343	4.21	4.17	0.879
Region I (Cook)	10.93	10.00	0.123	2.97	2.64	0.307	4.12	3.81	0.345
Region II	8.78	9.17	0.440	1.97	2.00	0.894	4.20	4.04	0.628
Region III	9.29	10.11	0.189	2.29	2.19	0.684	4.19 ^a	5.07	0.015
Region IV	8.33	8.32	0.986	2.32	1.95	0.172	4.32	4.34	0.950
Region V	8.64	9.35	0.238	2.29	2.38	0.758	4.56	4.94	0.349
Indiana	9.60	10.13	0.292	2.24	2.14	0.657	5.73	6.18	0.268
Central	10.71	9.93	0.333	2.38	2.17	0.502	6.21	5.96	0.665
East	8.20	9.38	0.117	2.01	1.99	0.918	5.68	6.39	0.222
North Central	9.16	9.24	0.898	2.24	1.87	0.199	5.99	6.20	0.713
Northeast	7.97 ^a	10.36	0.003	1.90	2.00	0.719	5.08 ^a	6.36	0.030
Northwest	10.20	10.84	0.445	2.13	2.40	0.420	4.92	5.78	0.104
Southeast	8.64	9.76	0.143	2.30	2.17	0.687	6.42	6.77	0.618
Southwest	8.56	7.58	0.163	2.14	1.91	0.394	5.34	5.38	0.946
West	11.28 ^a	13.64	0.005	2.53	2.59	0.866	5.42 ^a	6.82	0.024

See notes at end of table.

(continued)

Table 3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year			Cocaine Use in Past Year			Nonmedical Use of Pain Relievers in Past Year		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Iowa	8.25 ^a	7.10	0.008	1.89 ^a	1.52	0.039	3.97	3.63	0.269
Central	10.65 ^a	8.36	0.004	2.35 ^a	1.66	0.011	4.57	3.85	0.135
North Central	7.07	6.63	0.458	1.90 ^a	1.42	0.035	3.75	3.54	0.587
Northeast	8.59 ^a	6.89	0.005	1.85	1.60	0.297	4.24	3.60	0.113
Northwest	5.74	5.02	0.153	1.53	1.32	0.320	3.35	3.27	0.829
Southeast	9.42	8.43	0.145	1.94	1.59	0.122	3.77	3.79	0.958
Southwest	6.35	6.43	0.891	1.68	1.42	0.199	3.96	3.68	0.481
Kansas	10.13 ^b	9.16	0.052	2.51 ^a	1.93	0.009	4.75	4.89	0.700
Kansas City Metro	12.53 ^a	10.58	0.027	3.05 ^a	2.00	0.002	4.72	4.84	0.830
Northeast	8.96	8.90	0.934	2.25	1.97	0.294	4.14	4.45	0.483
South Central	7.90 ^b	6.86	0.082	1.94	1.79	0.529	4.53	4.87	0.495
Southeast	9.05	9.09	0.959	2.15	1.83	0.254	4.68	4.92	0.647
West	8.36	8.56	0.760	1.98	1.77	0.412	4.26	4.98	0.118
Wichita (Sedgwick)	10.45 ^a	8.85	0.038	2.75 ^a	1.97	0.020	6.07	5.45	0.359
Kentucky	9.61	9.57	0.945	2.28 ^a	1.84	0.036	6.04	6.12	0.859
Adanta, Cumberland River, and Lifeskills	7.05	6.88	0.768	1.81	1.62	0.426	5.60	5.41	0.735
Bluegrass, Comprehend, and North Key	11.09	10.98	0.904	2.83 ^a	2.00	0.014	6.52	6.41	0.876
Communicare and River Valley	8.36	8.75	0.575	1.94	1.74	0.444	5.82	6.26	0.455
Four Rivers and Pennyroyal	9.11	8.95	0.840	1.91	1.61	0.239	6.02	5.76	0.678
Kentucky River, Mountain, and Pathways	7.85	7.28	0.374	1.97 ^b	1.55	0.084	5.35	5.73	0.484
Seven Counties	11.51	11.74	0.813	2.46	2.09	0.282	6.24	6.57	0.630
Louisiana	9.51	9.26	0.640	2.12	2.45	0.211	5.44	5.86	0.284
Regions 1 and 3	--	10.31	--	--	2.90	--	--	5.65	--
Regions 2 and 9	9.88	9.71	0.813	2.23	2.40	0.599	6.67	6.14	0.421
Regions 4, 5, and 6	--	8.30	--	--	2.28	--	--	5.73	--
Regions 7 and 8	9.18	9.30	0.868	1.97	2.31	0.308	5.31	6.14	0.140
Region 10 (Jefferson)	8.79	8.85	0.934	2.04	2.56	0.158	4.71	5.29	0.277

See notes at end of table.

(continued)

Table 3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year			Cocaine Use in Past Year			Nonmedical Use of Pain Relievers in Past Year		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Maine									
Aroostook/Downeast	12.74	12.59	0.817	2.36	2.09	0.244	4.68	4.22	0.139
Central	10.20	10.82	0.486	2.03	1.75	0.309	4.49	4.19	0.526
Cumberland	13.02	11.97	0.310	2.22	1.90	0.304	5.15 ^a	4.19	0.046
Midcoast	15.08 ^b	13.17	0.081	2.94	2.36	0.139	4.11	3.80	0.454
Penquis	11.45	11.90	0.624	2.08	2.06	0.952	4.65	4.41	0.618
Western	12.61	13.61	0.277	2.70	2.52	0.619	4.51	4.14	0.383
York	13.87	12.92	0.372	2.43	2.07	0.255	4.93	4.39	0.273
	11.31 ^a	13.14	0.047	1.82	1.85	0.926	5.17	4.60	0.267
Maryland									
Anne Arundel	9.73	9.82	0.866	2.18	2.03	0.536	3.71	3.93	0.445
Baltimore City	9.45	9.45	0.998	2.19	1.99	0.531	3.91	4.38	0.278
Baltimore County	13.30	12.15	0.276	3.46	2.72	0.243	4.02	3.74	0.537
Montgomery	9.69	10.89	0.162	2.13	2.14	0.962	3.90	4.27	0.388
North Central	9.73	9.06	0.397	1.85	1.65	0.449	3.33	3.39	0.858
Northeast	10.14 ^a	8.58	0.041	2.02	1.85	0.514	3.86	4.17	0.464
Prince George's	9.76	9.77	0.994	2.44	2.19	0.428	4.71	4.89	0.730
South	8.94	10.15	0.145	1.77	1.93	0.652	2.74	3.14	0.223
West	8.20	8.33	0.855	2.05	2.03	0.957	4.02	4.05	0.942
	7.98	9.05	0.143	1.93	1.88	0.870	3.74	4.14	0.337
Massachusetts									
Boston	13.27	13.23	0.946	3.17	2.74	0.140	5.29	5.70	0.272
Central	15.16	15.33	0.880	4.09	4.03	0.901	5.51	5.49	0.978
Metrowest	14.59	13.42	0.259	3.08 ^b	2.36	0.057	5.26	5.83	0.293
Northeast	12.66	11.73	0.270	2.99	2.50	0.183	5.03	5.10	0.877
Southeast	11.42	11.50	0.920	2.77	2.49	0.447	4.67	5.25	0.267
Western	12.50	13.45	0.322	3.35 ^b	2.56	0.054	5.64	6.46	0.163
	15.29	16.00	0.485	3.07	3.05	0.960	6.02	6.32	0.627

See notes at end of table.

(continued)

Table 3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year			Cocaine Use in Past Year			Nonmedical Use of Pain Relievers in Past Year		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Michigan^f									
Detroit City	12.07	11.70	0.311	2.25	2.09	0.323	5.57	5.63	0.816
Genesee	15.19	15.87	0.529	2.43	2.19	0.594	4.31	4.44	0.767
Kalamazoo	12.96	12.20	0.405	2.85	2.41	0.206	6.47	6.01	0.455
Kent	10.50	10.84	0.643	2.14	2.20	0.820	5.85	5.91	0.909
Lakeshore	12.18	10.83	0.110	2.39	2.31	0.783	5.12	5.24	0.798
Macomb	9.54 ^a	11.20	0.015	2.01	2.04	0.903	5.60	5.89	0.583
Mid South	12.35 ^a	10.55	0.036	2.27	2.21	0.828	5.91	6.07	0.772
Northern	13.37	12.96	0.597	2.27	2.16	0.660	6.25	6.85	0.261
Oakland	10.37	10.88	0.481	1.76	2.00	0.324	4.95	5.36	0.349
Pathways and Western	13.83 ^a	11.54	0.005	2.28 ^b	1.80	0.060	5.56	5.23	0.468
Riverhaven	--	11.44	--	--	2.34	--	--	5.29	--
Saginaw	9.84	8.95	0.274	1.89	1.84	0.865	5.52	5.28	0.616
Southeast	11.81	12.51	0.438	2.17	2.03	0.639	4.80	5.58	0.119
St. Clair	11.04	10.93	0.875	2.41 ^b	1.94	0.069	5.95	5.50	0.350
Washtenaw	9.60	9.92	0.653	2.03	1.98	0.853	5.23 ^b	6.25	0.063
	13.74	13.36	0.663	2.49	2.23	0.378	6.07	5.80	0.604
Minnesota									
Regions 1 and 2	11.23	10.83	0.528	2.31	2.37	0.809	4.20 ^b	4.74	0.098
Regions 3 and 4	10.06	11.13	0.243	2.38	2.19	0.557	4.10 ^a	5.24	0.017
Regions 5 and 6	9.93	9.90	0.968	2.19	2.09	0.738	4.02	4.45	0.323
Region 7A (Hennepin)	9.18	9.59	0.583	2.13	1.89	0.376	4.39	4.61	0.622
Region 7B (Ramsey)	15.02 ^a	12.10	0.017	2.67	2.80	0.773	4.34	4.56	0.661
Region 7C	12.56	14.25	0.147	2.54	2.83	0.523	3.93 ^b	4.80	0.066
	9.93	9.75	0.835	2.02	2.47	0.190	4.19 ^b	4.99	0.090
Mississippi									
Region 1	8.26 ^b	7.48	0.081	1.90 ^a	1.36	0.008	4.01	4.12	0.694
Region 2	7.64	7.96	0.616	1.76	1.41	0.144	3.95 ^a	4.89	0.031
Region 3	9.28 ^b	7.99	0.063	2.08 ^b	1.45	0.053	3.90	3.97	0.856
Region 4	6.68	7.14	0.409	1.64 ^b	1.23	0.090	3.86	3.79	0.864
Region 5	8.90 ^a	7.27	0.013	1.94 ^a	1.32	0.021	3.89	3.56	0.371
Region 6	6.71	7.00	0.635	1.72 ^b	1.22	0.055	3.57	3.67	0.767
Region 7	8.36 ^a	6.96	0.030	2.03 ^a	1.40	0.019	4.31	4.09	0.616
	9.50 ^a	7.45	0.003	2.12 ^a	1.40	0.006	4.46	4.31	0.744

See notes at end of table.

(continued)

Table 3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year			Cocaine Use in Past Year			Nonmedical Use of Pain Relievers in Past Year		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Missouri	10.42	9.80	0.242	2.40	2.12	0.214	4.95	4.76	0.547
Central	9.38	8.43	0.158	2.64	2.16	0.114	5.09	4.89	0.672
Eastern	11.76	11.42	0.671	2.57	2.29	0.389	4.93	4.79	0.714
Eastern (St. Louis City and County)	12.25	11.61	0.512	2.62	2.14	0.219	4.52	4.18	0.440
Eastern (excluding St. Louis)	10.79	11.08	0.741	2.46	2.56	0.780	5.76	5.90	0.814
Northwest	10.36	9.61	0.254	2.34	2.07	0.290	5.01	4.49	0.170
Northwest (Jackson)	11.04	11.04	0.994	2.51	2.11	0.258	5.38 ^a	4.16	0.014
Northwest (excluding Jackson)	9.76 ^a	8.37	0.046	2.18	2.03	0.572	4.67	4.77	0.829
Southeast	8.44	7.98	0.502	2.08	1.84	0.349	4.90	4.86	0.934
Southwest	9.91	8.90	0.177	2.14	2.02	0.642	4.82	4.95	0.779
Montana	13.52	12.67	0.183	2.39	2.39	0.982	5.38	5.42	0.919
Region 1	9.66	9.68	0.981	1.87	1.73	0.599	4.83	4.75	0.879
Region 2	9.10	8.98	0.877	1.96	1.88	0.753	5.07	4.93	0.791
Region 3	11.19	10.54	0.408	2.07	2.37	0.326	5.29	4.78	0.335
Region 4	14.09	14.53	0.650	2.35	2.31	0.893	4.37 ^a	5.30	0.045
Region 5	17.86 ^a	15.00	0.020	2.98	2.89	0.797	6.59	6.35	0.703
Nebraska	8.88	8.76	0.820	2.28 ^a	1.75	0.009	4.12 ^b	3.60	0.073
Regions 1 and 2	7.31	7.81	0.417	1.79 ^a	1.39	0.039	4.62 ^a	3.74	0.038
Region 1	--	7.62	--	--	1.34	--	--	3.84	--
Region 2	--	7.97	--	--	1.43	--	--	3.66	--
Region 3	7.87	7.38	0.410	1.77	1.50	0.225	4.05	3.61	0.267
Region 4	6.72	7.41	0.275	1.89	1.54	0.121	4.29 ^a	3.48	0.046
Region 5	9.59	8.97	0.394	2.24	2.06	0.494	4.09	4.07	0.969
Region 6	9.90	9.71	0.808	2.74 ^a	1.80	0.001	3.96 ^b	3.31	0.071
Nevada	10.79	10.65	0.842	1.96 ^a	2.51	0.049	5.94	6.31	0.472
Clark	10.37	9.87	0.530	1.96 ^b	2.52	0.091	5.93	6.32	0.532
Rural	11.01	12.25	0.203	1.75 ^a	2.32	0.042	6.20	6.87	0.315
Washoe	12.53	12.80	0.813	2.14	2.65	0.141	5.74	5.83	0.874

See notes at end of table.

(continued)

Table 3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year			Cocaine Use in Past Year			Nonmedical Use of Pain Relievers in Past Year		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
New Hampshire									
Central	12.60 ^a	14.23	0.028	2.50	2.49	0.985	4.64	5.12	0.169
Central 1	13.20	14.32	0.241	2.84	2.59	0.420	5.44	5.37	0.891
Central 2	13.97	14.58	0.581	3.14	2.71	0.289	5.25	5.22	0.956
Northern	12.46	14.07	0.187	2.55	2.46	0.799	5.61	5.52	0.864
Southern	14.04 ^a	17.02	0.015	2.32	2.68	0.272	4.84	5.49	0.224
Southern 1 (Rockingham)	11.99 ^a	13.57	0.049	2.37	2.41	0.898	4.21 ^b	4.92	0.069
Southern 2	12.57 ^a	14.98	0.030	1.99	2.09	0.729	4.02	4.76	0.101
	11.63	12.70	0.276	2.60	2.60	0.993	4.33	5.02	0.138
New Jersey									
Central	9.16	8.64	0.309	2.01	1.75	0.214	3.84	3.37	0.124
Metropolitan	8.50	9.34	0.242	2.01	1.80	0.410	4.07	3.51	0.172
Northern	9.44 ^a	8.09	0.043	2.11	1.72	0.170	3.92	3.24	0.101
Southern	7.89	7.64	0.668	1.82	1.51	0.200	3.46	3.05	0.264
	11.54 ^b	9.97	0.080	2.18	2.06	0.699	4.11	3.82	0.502
New Mexico									
Region 1	11.51	10.83	0.255	2.60	2.41	0.456	5.61	5.94	0.455
Region 2	11.21	11.17	0.964	2.69 ^b	2.10	0.077	5.24	5.48	0.695
Region 3 (Bernalillo)	13.57 ^b	11.71	0.086	2.28	2.11	0.617	5.11	6.08	0.152
Region 4	11.96	11.87	0.904	2.91	2.79	0.743	6.21	6.16	0.945
Region 5	8.96	8.36	0.390	2.43	2.17	0.406	5.69	5.94	0.673
	11.10 ^b	9.73	0.076	2.42	2.49	0.823	5.42	5.96	0.340

See notes at end of table.

(continued)

Table 3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year			Cocaine Use in Past Year			Nonmedical Use of Pain Relievers in Past Year		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
New York									
Region A	12.11	11.80	0.415	2.66	2.80	0.490	4.33	4.16	0.467
Region 1	11.99 ^b	11.07	0.065	2.68	2.98	0.224	3.62	3.60	0.927
Region 2	10.61	9.85	0.318	2.79	2.74	0.886	3.65	3.21	0.220
Region 3	12.28 ^b	11.01	0.073	2.57	2.75	0.570	3.48	3.64	0.632
Region 4	18.19	16.48	0.171	4.02	4.98	0.108	4.66	4.13	0.290
Region 5	8.03	7.83	0.746	1.81	1.92	0.671	3.05	3.37	0.371
Region B	12.76	10.74	0.911	2.42	2.28	0.525	4.67	4.25	0.248
Region 6	10.43	10.56	0.854	2.44	2.23	0.466	5.56 ^b	4.51	0.054
Region 7	9.90	9.52	0.595	2.30	2.26	0.891	3.31	3.47	0.651
Region C	12.76	13.18	0.646	2.53	2.47	0.830	3.83 ^a	4.64	0.047
Region 8	13.65	13.37	0.605	2.89	3.00	0.671	5.02	4.73	0.327
Region 9	15.46	15.39	0.944	2.99	2.73	0.497	4.64	4.70	0.888
Region 10	13.79	12.94	0.299	2.89	3.08	0.612	5.19	4.65	0.239
Region 11	14.44	14.30	0.882	2.69	3.17	0.177	4.60	5.16	0.222
Region 12	11.79	11.90	0.878	2.66	2.71	0.868	4.49	4.43	0.890
Region 13	13.38	12.95	0.618	3.09	3.35	0.541	5.83 ^b	4.90	0.071
Region D	12.83 ^a	14.23	0.026	2.72	2.95	0.376	4.93	5.10	0.643
Region 14	11.71 ^a	13.88	0.017	2.55	2.63	0.791	4.60	4.86	0.574
Region 15	12.45 ^a	14.30	0.050	2.49	3.00	0.143	4.06	4.73	0.119
	14.18	14.48	0.753	3.09	3.17	0.834	6.06	5.66	0.486
North Carolina									
Eastern	9.61	9.84	0.689	2.10	2.50	0.121	4.62	4.72	0.776
North Central	10.01 ^a	12.83	0.001	2.12 ^b	2.84	0.065	4.90	5.15	0.628
South Central	9.33	9.93	0.489	2.09	2.64	0.125	4.53	4.86	0.489
Western	9.88	9.13	0.335	2.00	2.38	0.268	4.55	4.21	0.413
	9.39	8.63	0.311	2.17	2.32	0.642	4.59	4.75	0.726
North Dakota									
Badlands and West Central	8.40	8.18	0.637	1.58	1.43	0.356	4.09	3.83	0.423
Lake Region and South Central	7.89	7.71	0.769	1.36	1.24	0.501	4.20	3.90	0.501
North Central and Northwest	6.26	6.61	0.531	1.37	1.19	0.352	3.63	3.37	0.532
Northeast	6.52	6.71	0.732	1.43	1.24	0.344	4.09	3.72	0.405
Southeast	8.77	9.36	0.446	1.91	1.81	0.675	4.56	3.94	0.165
	11.22 ^b	9.88	0.074	1.86	1.67	0.444	3.99	4.03	0.928

See notes at end of table.

(continued)

Table 3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year			Cocaine Use in Past Year			Nonmedical Use of Pain Relievers in Past Year		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Ohio									
Boards 2, 46, 55, and 68	10.52	10.60	0.806	2.27	2.23	0.832	5.08	5.45	0.107
Boards 3, 52, and 85	8.94	8.31	0.364	2.06	2.11	0.829	5.10	5.68	0.228
Boards 4 and 78	8.75	8.33	0.490	1.77	1.85	0.693	4.79	5.45	0.155
Boards 5 and 60	9.53	9.10	0.547	2.00	2.07	0.779	4.71	5.41	0.147
Boards 7, 15, 41, 79, and 84	9.32 ^a	10.82	0.035	2.24	2.21	0.912	5.24	5.94	0.193
Boards 8, 13, and 83	8.34 ^b	7.29	0.064	1.88	1.68	0.363	4.92	5.11	0.666
Board 9 (Butler)	9.90	9.50	0.574	1.75	1.75	0.989	5.18	5.68	0.313
Board 12	10.40	9.80	0.414	2.23	1.99	0.343	5.44	5.58	0.780
Boards 18 and 47	9.32 ^a	11.37	0.002	2.08	2.11	0.923	5.33	6.04	0.160
Boards 20, 32, 54, and 69	11.72 ^a	10.12	0.019	2.21	2.07	0.628	4.22	4.55	0.351
Boards 21, 39, 51, 70, and 80	7.80	8.32	0.399	1.86	1.93	0.761	4.74	5.38	0.185
Boards 22, 74, and 87	9.20	9.78	0.384	2.12	1.96	0.463	4.67	5.40	0.101
Boards 23 and 45	9.37 ^a	10.97	0.044	1.99	2.14	0.534	5.12	5.75	0.193
Boards 25 (Franklin)	8.84 ^b	10.06	0.061	1.96	2.08	0.569	4.84	5.51	0.119
Boards 27, 71, and 73	12.50 ^b	14.17	0.066	2.53 ^b	3.12	0.088	5.83	6.63	0.174
Boards 28, 43, and 67	8.60 ^b	7.45	0.066	1.83	1.85	0.922	5.88	5.83	0.927
Board 31 (Hamilton)	9.74	10.08	0.624	2.62	2.17	0.102	5.64	5.86	0.662
Board 48 (Lucas)	13.77	14.35	0.514	3.03	2.90	0.738	5.40	4.91	0.289
Boards 50 and 76	11.60 ^a	14.41	0.002	2.40	2.40	0.990	4.76	5.02	0.562
Board 57 (Montgomery)	8.60	9.50	0.172	2.38	2.37	0.970	5.45	5.29	0.749
Board 77 (Summit)	12.81	11.61	0.200	2.62	2.44	0.580	5.31	6.14	0.137
	11.46	10.58	0.318	2.66	2.15	0.109	4.82	4.72	0.842
Oklahoma	8.80	8.75	0.916	1.86	1.71	0.396	6.28 ^a	7.32	0.028
Central	8.48	7.66	0.245	2.02	1.88	0.544	5.81 ^a	7.55	0.007
East Central	7.28	7.67	0.530	1.41	1.59	0.411	5.87 ^a	7.85	0.008
Northeast	7.46	7.48	0.971	1.71	1.55	0.482	6.30	6.83	0.444
Northwest and Southwest	7.46	7.48	0.971	1.71	1.55	0.482	5.64 ^b	6.91	0.055
Oklahoma County	8.08	7.57	0.449	1.65	1.53	0.590	6.84	7.93	0.154
Southeast	10.71	12.21	0.117	2.15	2.02	0.661	6.16	7.00	0.229
Tulsa County	7.00	7.68	0.299	1.52	1.54	0.919	6.90	7.08	0.805
	11.22 ^a	9.24	0.038	2.36 ^b	1.76	0.051			
Oregon	13.20	13.36	0.821	1.85 ^a	2.55	0.007	5.43	5.90	0.228
Region 1 (Multnomah)	17.63	16.85	0.602	2.89	3.55	0.224	6.31	6.14	0.811
Region 2	12.52	12.64	0.904	1.65	1.96	0.270	5.67	5.74	0.919
Region 3	12.55	12.50	0.950	1.53 ^a	2.63	0.001	4.72 ^a	5.99	0.016
Region 4	11.25 ^a	13.20	0.044	1.53 ^a	2.30	0.013	5.62	5.89	0.635
Region 5 (Central)	--	13.56	--	--	2.47	--	--	6.14	--
Region 6 (Eastern)	--	10.02	--	--	2.11	--	--	5.21	--

See notes at end of table.

(continued)

Table 3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year			Cocaine Use in Past Year			Nonmedical Use of Pain Relievers in Past Year		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Pennsylvania									
Region 1 (Allegheny)	10.58 ^a	8.84	0.000	2.35 ^b	2.02	0.054	4.21	4.05	0.453
Regions 2, 3, 8, and 9	12.04 ^a	9.99	0.009	2.61	2.31	0.374	4.54	4.50	0.932
Regions 4, 11, 37, and 49	9.00 ^a	7.55	0.010	2.19	1.91	0.282	4.09	3.87	0.564
Regions 5, 18, 23, 24, and 46	9.17	8.14	0.124	1.90	1.78	0.629	4.37	4.35	0.968
Regions 6, 12, 16, 31, 35, 39, 45, and 47	7.99 ^a	5.68	0.000	1.67	1.47	0.381	3.44	3.74	0.355
Regions 7, 13, 20, and 33	10.28 ^a	8.90	0.027	2.20 ^b	1.74	0.068	3.93	4.46	0.153
Regions 10, 14, 15, 27, 32, 43, and 44	11.94	11.10	0.226	2.33	2.17	0.565	4.20	4.16	0.901
Regions 17 and 21	9.20	8.50	0.288	2.41	2.12	0.357	5.26	4.57	0.148
Regions 19, 26, 28, and 42	12.49 ^a	9.32	0.000	2.65 ^a	2.01	0.030	4.72	4.06	0.114
Regions 22, 38, 40, 41, and 48	8.66 ^a	6.01	0.000	1.99 ^b	1.60	0.066	3.39	3.22	0.582
Regions 25 and 30	8.76 ^a	6.40	0.000	2.25 ^a	1.73	0.041	4.44	4.18	0.524
Regions 29 and 34	10.70 ^a	8.71	0.004	2.68	2.17	0.123	4.63	4.19	0.298
Region 36 (Philadelphia)	8.54 ^a	6.43	0.000	1.84	1.63	0.343	3.64	3.83	0.599
Rhode Island	13.77 ^b	12.09	0.075	3.25	2.81	0.337	4.53 ^b	3.84	0.083
Bristol and Newport	15.28	16.09	0.280	3.53 ^a	4.43	0.033	5.80	6.14	0.430
Kent	15.78	16.34	0.644	3.57	4.12	0.358	5.90	6.66	0.263
Providence	13.73	14.69	0.388	2.98	3.66	0.172	5.76	5.95	0.755
Washington	15.42	16.79	0.141	3.68 ^a	4.83	0.028	5.79	6.16	0.496
South Carolina	16.07 ^b	14.24	0.098	3.49	3.83	0.519	5.78	5.79	0.991
Region 1	9.22	8.48	0.160	2.29	2.23	0.849	4.87	4.47	0.265
Region 2	9.21 ^a	7.74	0.039	2.12	2.05	0.809	5.30	4.83	0.362
Region 3	9.84	9.36	0.500	2.25	2.14	0.734	5.19 ^b	4.29	0.053
Region 4	8.99	8.31	0.387	2.02	2.24	0.544	4.27	4.64	0.449
South Dakota	8.69	8.34	0.605	2.68	2.53	0.726	4.46	4.22	0.591
Region 1	8.50	8.48	0.963	1.75	1.50	0.133	3.45	3.53	0.802
Region 2	8.92	8.67	0.719	1.70 ^b	1.34	0.090	3.77	3.65	0.776
Region 3	8.84	8.48	0.594	2.03	1.69	0.146	3.10	3.24	0.703
Region 4	7.64	7.67	0.955	1.66	1.62	0.842	3.21	3.70	0.191
Region 5	10.49	9.67	0.272	1.82	1.51	0.179	4.01	3.90	0.795
Region 6	7.54	7.32	0.702	1.45	1.27	0.347	3.63	3.47	0.692
Region 7	7.73	6.82	0.131	1.32	1.09	0.204	3.26	3.34	0.844
	8.29 ^a	9.93	0.019	1.83	1.58	0.265	3.57	3.60	0.954

See notes at end of table.

(continued)

Table 3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year			Cocaine Use in Past Year			Nonmedical Use of Pain Relievers in Past Year		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Tennessee	10.09	9.98	0.848	2.48	2.57	0.713	5.89 ^b	6.61	0.094
Region 1	9.83 ^a	8.07	0.023	2.46	2.10	0.264	6.62	6.90	0.720
Region 2	9.04	9.14	0.889	2.42	2.79	0.297	6.41	7.39	0.162
Region 3	9.83	10.16	0.671	2.20 ^b	2.83	0.075	6.06	6.62	0.373
Region 4 (Davidson)	12.69	12.00	0.529	3.30	3.36	0.911	6.60	6.11	0.467
Region 5	9.58	10.08	0.552	2.65	2.42	0.510	6.25	7.31	0.122
Region 6	8.76	8.05	0.360	2.14	2.14	0.983	5.14	5.99	0.141
Region 7 (Shelby)	11.77	11.88	0.907	2.32	2.30	0.977	4.20 ^b	5.11	0.100
Texas	8.49 ^a	7.82	0.019	2.46	2.24	0.209	4.66	4.58	0.709
Region 1	9.92	9.78	0.818	2.84	2.57	0.431	5.71	5.83	0.823
Region 2	8.21	9.06	0.142	2.38	2.30	0.796	4.92	4.69	0.601
Region 3	8.59 ^a	7.67	0.034	2.06	2.06	0.996	4.98	4.56	0.171
Region 3a	8.21 ^b	7.21	0.051	2.20	2.25	0.836	4.96	4.62	0.371
Region 3bc	9.26	8.49	0.218	1.80	1.71	0.715	5.01	4.45	0.178
Region 4	6.95	7.39	0.427	2.24	1.90	0.238	4.82	4.74	0.859
Region 5	8.67 ^a	7.36	0.025	2.55	2.11	0.173	5.02	4.84	0.704
Region 6	7.93	7.23	0.150	2.21	2.27	0.819	3.78 ^a	4.51	0.030
Region 6a	7.69	7.09	0.263	2.16	2.26	0.701	3.67 ^a	4.52	0.020
Region 6bc	9.93 ^a	8.32	0.021	2.65	2.33	0.341	4.73	4.40	0.423
Region 7	11.96	10.99	0.102	3.26 ^a	2.60	0.029	5.82	5.42	0.307
Region 7a	13.65 ^b	11.96	0.052	3.64 ^a	2.79	0.039	6.01	5.70	0.547
Region 7bcd	9.38	9.44	0.933	2.68	2.30	0.221	5.54	4.98	0.216
Region 8	7.73	7.49	0.641	2.80 ^a	2.12	0.028	4.42	4.24	0.641
Region 9	6.88	6.82	0.902	2.43	2.01	0.135	4.79	4.66	0.762
Region 10	6.82 ^a	5.81	0.026	2.66	2.22	0.169	4.18	3.72	0.258
Region 11	7.26 ^a	6.31	0.022	2.81	2.61	0.489	4.12	3.62	0.107
Region 11abd	7.75 ^a	6.64	0.029	2.83	2.70	0.723	4.31 ^a	3.52	0.039
Region 11c (Hidalgo)	6.29	5.70	0.182	2.77	2.42	0.294	3.74	3.80	0.871
Utah	8.01 ^a	6.86	0.017	2.21 ^b	1.81	0.069	6.27 ^a	4.90	0.001
Bear River, Northeastern, Summit, Tooele, and Wasatch	7.28	7.08	0.746	2.18 ^b	1.66	0.052	6.26 ^a	4.99	0.018
Central, Four Corners, San Juan, and Southwest	5.43	4.99	0.351	1.72	1.51	0.362	5.04 ^b	4.27	0.093
Davis County	7.90 ^a	6.13	0.006	2.27 ^a	1.70	0.030	6.27 ^a	4.87	0.014
Salt Lake County	9.71 ^b	8.29	0.053	2.31	1.96	0.260	6.56 ^a	5.04	0.009
Utah County	6.31 ^b	5.37	0.078	2.27	1.91	0.182	6.06 ^a	4.91	0.027
Weber, Morgan	8.01 ^b	6.86	0.083	2.30 ^a	1.73	0.038	7.02 ^a	5.03	0.001

See notes at end of table.

(continued)

Table 3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year			Cocaine Use in Past Year			Nonmedical Use of Pain Relievers in Past Year		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Vermont	15.21	16.05	0.288	2.95	3.01	0.851	4.93	4.72	0.586
Champlain Valley	18.04	17.74	0.783	3.65	3.37	0.506	5.40	4.76	0.165
Rural Northeast	13.28	14.31	0.380	2.67	2.79	0.758	4.62	4.92	0.593
Rural Southeast	14.17 ^a	17.07	0.019	2.24 ^b	2.83	0.086	4.51	4.72	0.666
Rural Southwest	12.70	13.25	0.590	2.65	2.71	0.883	4.81	4.36	0.377
Virginia	9.27	9.84	0.251	2.50	2.37	0.633	4.42	4.89	0.167
Region 1	--	10.22	--	2.58	--	--	5.05	--	
Region 2	8.13	8.33	0.774	1.99	2.06	0.828	3.82	4.17	0.412
Region 3	10.43	10.92	0.538	2.67	2.43	0.491	5.51	5.62	0.847
Region 4	--	10.03	--	2.71	--	--	4.84	--	
Region 5	9.39	10.33	0.207	2.63	2.30	0.372	4.12 ^a	5.09	0.038
Washington	11.76	12.24	0.471	2.50	2.53	0.908	6.22	6.47	0.587
Region 1	11.92	12.23	0.739	2.31	2.23	0.814	6.27	6.90	0.326
Region 2	9.52	10.18	0.382	2.59	2.45	0.669	6.06	6.48	0.492
Region 3	10.80	11.28	0.595	2.44	2.44	0.993	6.38	6.16	0.741
Region 4 (King)	14.19	13.47	0.508	2.94	3.04	0.827	6.53	6.15	0.582
Region 5	9.50 ^b	11.27	0.060	2.16	2.31	0.623	5.99	6.81	0.238
Region 6	11.57	13.08	0.165	2.19	2.23	0.919	5.77	6.69	0.168
West Virginia	9.57	9.22	0.460	2.76	2.56	0.423	5.73	5.46	0.475
Eastern Highland	9.07	9.04	0.968	2.69	2.49	0.576	5.03	5.15	0.815
Northern	11.54	11.42	0.869	3.43	3.22	0.603	6.45	6.10	0.489
Northern A and B	7.34 ^a	8.73	0.035	2.28	2.79	0.197	4.86	5.40	0.303
Northern C and D	13.66	12.74	0.323	4.01	3.43	0.248	7.26	6.45	0.198
South Central	8.86	8.38	0.369	2.52	2.31	0.470	5.70	5.50	0.641
South Central I	7.77	7.17	0.363	2.30	2.12	0.583	4.78	5.06	0.588
South Central II	9.70	9.13	0.446	2.89	2.53	0.365	7.06	6.31	0.288
South Central III	8.95	8.63	0.666	2.40	2.28	0.736	5.35	5.23	0.838
Southern	8.80	7.98	0.162	2.41	2.19	0.433	5.58	4.87	0.130
Southern I and III	8.62	7.88	0.266	2.40	2.19	0.545	5.62	4.83	0.145
Southern II	9.15	8.19	0.210	2.44	2.18	0.463	5.51	4.95	0.323

See notes at end of table.

(continued)

Table 3. Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Marijuana Use in Past Year			Cocaine Use in Past Year			Nonmedical Use of Pain Relievers in Past Year		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Wisconsin	10.56	10.59	0.968	2.12 ^b	2.55	0.083	4.72 ^a	5.80	0.005
Milwaukee	13.96	13.08	0.401	2.26	2.89	0.168	4.92	5.39	0.458
Northeastern	9.27	8.20	0.133	2.35	2.54	0.587	4.67	5.25	0.251
Northern	8.52	9.08	0.430	1.78	2.26	0.107	4.57 ^a	5.80	0.020
Southeastern	9.78	10.21	0.602	2.03	2.44	0.237	4.62 ^a	6.52	0.003
Southern	11.68	12.02	0.696	2.03 ^b	2.67	0.052	4.79 ^a	5.87	0.045
Western	9.45 ^b	11.00	0.063	2.05	2.36	0.328	4.70 ^a	5.98	0.026
Wyoming	11.04	10.47	0.308	2.29	2.13	0.445	5.29 ^a	4.44	0.016
Judicial District 1 (Laramie)	10.46	9.20	0.128	2.31	2.17	0.634	5.38 ^a	4.23	0.033
Judicial District 2	16.86	16.54	0.797	2.97	2.67	0.408	5.68	4.82	0.103
Judicial District 3	9.30	8.59	0.314	1.91	2.03	0.634	5.25	4.64	0.244
Judicial District 4	11.06 ^a	9.49	0.049	2.11	1.93	0.522	5.44 ^a	4.19	0.012
Judicial District 5	8.45	8.46	0.983	1.78	1.67	0.632	4.72	4.34	0.410
Judicial District 6	9.96	9.39	0.443	2.33	2.19	0.632	5.13 ^b	4.34	0.086
Judicial District 7 (Natrona)	11.27	12.06	0.369	2.55	2.42	0.703	5.73	5.04	0.212
Judicial District 8	8.17	8.73	0.419	1.72	1.63	0.671	4.50 ^b	3.83	0.096
Judicial District 9	13.37	12.27	0.338	2.70	2.20	0.163	5.38 ^a	4.23	0.036

-- Not available. These regions were not defined consistently across the two time periods, 2004-2006 and 2006-2008; hence, the 2004-2006 estimates and p values are not available for these regions. The definitions of the substate regions listed in this table are provided in Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

[‡] Names of some of the substate regions for this State have changed across the two time periods (2004-2006 vs. 2006-2008). For details, see Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

** A separate Kauai estimate is not being reported because of low precision. For more details, see Table D12 of Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

NOTE: p value: Bayes posterior probability of no change.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

^a Difference between the 2006-2008 estimate and the 2004-2006 estimate is statistically significant at the 0.05 level.

^b Difference between the 2006-2008 estimate and the 2004-2006 estimate is statistically significant at the 0.10 level.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, 2006, 2007, and 2008.

Table 4. *Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs*

State/Substate Region	Alcohol Use in Past Month			Binge Alcohol Use in Past Month ¹			Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Total United States	51.01	51.23	0.439	22.84 ^a	23.26	0.026	41.45 ^a	41.95	0.036
Northeast	55.51	56.19	0.177	23.89	24.20	0.414	39.59	40.12	0.239
Midwest	53.98	53.91	0.844	25.67	26.01	0.254	37.26 ^a	38.23	0.006
South	46.77	47.34	0.135	21.41 ^b	21.92	0.067	44.33	44.41	0.819
West	51.09	50.80	0.553	21.43	21.99	0.121	42.54	43.09	0.242
Alabama	41.52	40.85	0.630	18.79	18.87	0.934	45.96	45.11	0.514
Region 1	36.12	39.22	0.158	16.58	17.44	0.495	44.09	44.48	0.851
Region 2	43.32	40.87	0.250	19.19	18.81	0.774	47.06	45.75	0.514
Region 3	43.75	44.08	0.885	19.76	20.73	0.537	47.47	45.18	0.267
Region 4	43.91 ^b	40.26	0.077	20.23	19.26	0.488	45.51	44.91	0.775
Alaska	51.45 ^b	53.88	0.079	21.62	23.11	0.177	38.07	38.76	0.615
Gulf Coast	47.65 ^a	54.93	0.005	20.36	22.23	0.275	35.87	35.76	0.965
Rural	34.22	33.66	0.802	20.64	19.49	0.491	39.99	39.02	0.674
Southeast	50.75 ^b	55.69	0.059	21.30	22.94	0.349	38.01	38.04	0.990
Urban	55.13	56.38	0.441	22.07	23.82	0.179	38.17	39.34	0.474
Arizona	53.47	51.96	0.262	23.43	23.33	0.920	41.20	41.48	0.840
Maricopa	56.00	53.56	0.136	23.36	23.19	0.895	41.37	42.38	0.558
Pima	56.40	53.70	0.207	25.93	23.58	0.173	40.47	40.06	0.857
Rural North	50.06	49.09	0.671	21.99	22.32	0.839	39.02	37.64	0.542
Rural South	40.01 ^b	44.70	0.064	21.82	24.63	0.105	43.48	42.52	0.674
Arkansas	41.17 ^a	43.86	0.041	19.85 ^b	21.45	0.088	42.94	41.87	0.392
Areas 1 and 2	46.56	50.21	0.123	20.45 ^b	23.12	0.092	41.26	41.28	0.993
Areas 3 and 4	38.42	40.61	0.352	21.06	21.46	0.796	41.48	38.65	0.211
Areas 5 and 6	39.33 ^b	43.27	0.075	20.04	22.02	0.195	39.34	39.03	0.883
Areas 7, 12, and 13	36.92	39.17	0.324	19.49	21.16	0.266	46.37	45.84	0.812
Areas 8, 10, and 11	39.98 ^b	44.38	0.071	20.02	21.27	0.425	45.35	43.62	0.424
Area 9	44.18	43.70	0.828	18.06	19.56	0.275	44.98	43.96	0.626

See notes at end of table.

(continued)

Table 4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month			Binge Alcohol Use in Past Month ¹			Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
California	50.27	49.65	0.428	20.57	21.49	0.110	44.84	44.44	0.600
Region 1	55.41	52.97	0.278	22.95	22.65	0.841	36.71	38.62	0.401
Region 2	57.72	55.38	0.201	22.86	22.56	0.808	41.77	41.25	0.777
Region 3	49.67	49.52	0.943	20.18	22.48	0.106	45.52 ^b	41.80	0.062
Region 4	58.07	58.69	0.765	21.13	21.03	0.949	41.27	40.51	0.714
Region 5	57.28 ^a	53.30	0.039	21.07	19.88	0.356	44.33	43.71	0.738
Region 6 (Santa Clara)	52.16 ^b	48.24	0.069	17.75	19.80	0.130	43.08	44.92	0.370
Region 7	55.61	52.20	0.103	21.55	20.98	0.682	44.40	44.64	0.916
Region 8	45.59	42.77	0.140	21.34	20.94	0.786	46.50	45.61	0.618
Region 9	49.87	49.49	0.855	23.18	25.26	0.178	42.97	42.70	0.889
Region 10	56.48 ^a	51.59	0.024	22.40	22.26	0.928	45.03	45.01	0.992
Region 11 (Los Angeles)	44.78	46.23	0.282	18.37 ^a	20.43	0.035	47.61	47.29	0.813
Region 12	40.84	40.70	0.940	20.01	20.65	0.624	48.75	47.71	0.559
Region 13 (Riverside)	47.82	47.07	0.723	21.65	22.93	0.368	45.13	44.71	0.832
Region 14 (Orange)	50.98	51.28	0.880	20.26	20.83	0.639	43.70	44.97	0.492
Region 15	51.61	53.99	0.215	23.44	24.44	0.456	43.61	41.49	0.223
Colorado	58.30	60.09	0.178	24.43 ^b	26.18	0.099	37.35	38.24	0.497
Region 1	62.25	63.31	0.603	27.79	27.54	0.882	37.44	36.28	0.573
Regions 2 and 7	58.55 ^b	61.69	0.069	23.67 ^a	27.23	0.013	37.23	38.64	0.423
Region 3	57.77	55.56	0.345	23.63	21.37	0.150	37.01	37.53	0.810
Region 4	48.01	45.80	0.363	24.26	22.21	0.237	40.51	41.93	0.540
Regions 5 and 6	58.65	61.71	0.185	25.62	27.62	0.270	36.66	37.56	0.672
Connecticut	61.41	61.58	0.898	25.57	25.72	0.894	39.09	39.07	0.988
Eastern	60.28	59.53	0.724	24.86	25.67	0.631	36.93	35.77	0.590
North Central	59.05	60.83	0.398	24.47	24.60	0.940	41.06	39.94	0.602
Northwestern	60.45	57.71	0.224	26.67 ^b	23.53	0.084	36.08	37.71	0.479
South Central	63.95	64.52	0.786	26.67	27.95	0.444	39.03	39.40	0.864
Southwest	63.28	63.95	0.756	25.29	26.68	0.441	40.30	40.75	0.843
Delaware	50.84 ^a	54.85	0.005	21.16 ^a	23.56	0.019	40.96	40.92	0.979
Kent	48.52	51.27	0.239	20.29 ^b	23.04	0.091	41.81	42.10	0.893
New Castle (excluding Wilmington City)	55.48 ^b	59.00	0.069	22.45 ^b	24.72	0.087	37.99	39.46	0.418
Sussex	43.11 ^a	50.27	0.003	19.14	21.46	0.145	44.37 ^b	40.33	0.087
Wilmington City	46.25	48.67	0.300	20.00 ^b	22.82	0.099	48.34	48.57	0.926

See notes at end of table.

(continued)

Table 4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month			Binge Alcohol Use in Past Month ¹			Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
District of Columbia	59.92	60.82	0.490	28.00	29.52	0.209	42.87	42.46	0.745
Ward 1	60.97 ^b	64.88	0.073	30.95 ^b	34.33	0.097	43.11	40.72	0.308
Ward 2	75.84	78.45	0.139	38.85 ^b	42.65	0.068	34.38	33.39	0.587
Ward 3	78.65	81.17	0.149	31.13	33.49	0.213	33.08	32.74	0.873
Ward 4	53.73	55.16	0.595	23.50	24.51	0.600	46.84	44.33	0.306
Ward 5	48.61	50.98	0.332	23.56	24.31	0.670	47.99	47.79	0.931
Ward 6	61.57	60.72	0.708	28.67	28.01	0.738	42.78	44.88	0.369
Ward 7	44.44	44.05	0.878	19.70	22.54	0.113	50.46	50.00	0.841
Ward 8	44.03	42.97	0.630	23.66	22.60	0.561	50.09	49.83	0.905
Florida[‡]	52.15	52.44	0.713	21.86 ^b	22.90	0.081	44.67	44.23	0.593
Region A - Northwest	51.12	50.54	0.692	24.21	24.36	0.887	41.97	42.35	0.792
Circuit 1	50.90	50.59	0.883	23.02	24.01	0.487	41.98	42.01	0.991
Circuit 2	54.53	53.71	0.678	26.85	26.95	0.955	41.77	43.22	0.460
Circuit 14	46.86	46.29	0.806	23.37	21.82	0.341	42.23	42.03	0.925
Region B - Northeast	49.89 ^a	53.01	0.020	23.06 ^b	24.99	0.055	42.34	40.73	0.206
Circuits 3 and 8	48.77	50.89	0.352	24.76 ^b	27.74	0.055	41.28	39.32	0.324
Circuit 4	49.83 ^a	54.59	0.014	23.41	24.10	0.635	43.48	42.02	0.429
Circuit 7	50.80	52.37	0.473	21.35 ^b	24.33	0.052	41.56	39.99	0.453
Region C - Central	50.64	51.08	0.706	21.60	22.77	0.146	42.71	41.96	0.478
Circuit 5	50.16	47.92	0.333	20.24	21.82	0.284	43.40	40.36	0.161
Circuit 9	48.53	49.79	0.525	21.86	23.79	0.170	44.15	44.88	0.689
Circuit 10	44.58	47.35	0.267	20.20	21.18	0.516	43.73	42.35	0.507
Circuit 18	56.55	57.66	0.580	23.88	24.00	0.931	40.15	40.27	0.949
Circuit 19	53.68	52.96	0.764	21.10	22.08	0.520	41.40	40.66	0.745
Region D - Southeast	--	55.62	--	--	22.30	--	--	46.26	--
Circuit 15 (Palm Beach)	58.44	57.11	0.499	23.50	23.65	0.923	43.68	44.34	0.754
Circuit 17 (Broward)	53.37	54.52	0.510	20.21	21.29	0.404	46.82	47.68	0.626
Region E - Sun Coast	55.64 ^b	53.64	0.097	22.00	22.09	0.910	43.15	42.70	0.710
Circuit 6	53.50	51.68	0.387	21.19	20.70	0.719	43.20	42.25	0.628
Circuit 12	59.55	55.67	0.104	20.23	22.11	0.233	40.71	42.42	0.466
Circuit 13 (Hillsborough)	48.78	49.85	0.582	22.17	22.88	0.625	46.43	45.02	0.457
Circuit 20	62.85 ^a	58.56	0.032	24.06	23.01	0.490	41.36	41.11	0.907
Region F - Southern (Circuits 11 and 16)	47.60	49.39	0.314	20.04 ^b	22.45	0.064	52.95	53.03	0.965

See notes at end of table.

(continued)

Table 4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month			Binge Alcohol Use in Past Month ¹			Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Georgia	44.02 ^b	46.34	0.064	19.74 ^b	21.38	0.091	46.85	46.40	0.747
Region 1	36.07	38.85	0.225	18.14 ^a	21.23	0.043	44.09	43.47	0.778
Region 2	42.22 ^b	46.31	0.069	21.19	21.85	0.669	46.55	45.30	0.552
Region 3	48.70 ^b	52.05	0.074	19.51	21.86	0.109	47.97	47.71	0.895
Region 4	43.80	40.46	0.155	20.88	18.48	0.129	46.82	48.00	0.594
Region 5	39.47	41.13	0.429	19.23 ^a	22.15	0.047	46.40	44.99	0.520
Hawaii	46.81	47.36	0.739	21.94	22.77	0.491	39.85	41.74	0.220
Hawaii Island	47.84	50.82	0.244	23.97	24.39	0.828	41.02	40.96	0.980
Honolulu	46.02	46.35	0.857	21.50	22.53	0.455	39.29	41.93	0.147
Kauai and Maui ^{**}	49.53	48.90	0.781	22.33	22.47	0.928	41.45	41.52	0.971
Maui	48.77	49.10	0.903	22.00	22.52	0.782	41.16	41.72	0.812
Idaho	46.62 ^a	43.79	0.028	21.97 ^a	19.61	0.008	39.72 ^b	41.68	0.097
Region 1	52.44	54.07	0.524	21.62	22.12	0.756	38.00	38.67	0.760
Region 2	53.54	51.94	0.518	26.26	24.02	0.201	38.03	40.36	0.329
Region 3	37.54	35.66	0.371	19.68	17.64	0.152	39.54	42.81	0.122
Region 4	56.48 ^b	52.70	0.097	24.71 ^a	21.63	0.038	37.84	39.68	0.341
Region 5	45.13	42.08	0.198	22.60 ^a	19.06	0.023	41.55	44.17	0.249
Region 6	37.39	34.57	0.220	20.17	18.07	0.145	41.68	41.73	0.980
Region 7	33.91 ^a	26.63	0.002	17.17 ^a	13.82	0.016	43.72	46.71	0.187
Illinois	52.98	53.11	0.861	26.04	26.36	0.634	38.46 ^a	40.31	0.018
Region I (Cook)	53.14	52.13	0.413	26.60	26.24	0.732	41.54 ^a	44.15	0.037
Region II	56.26	56.61	0.783	25.54	26.31	0.468	35.83 ^a	38.62	0.020
Region III	50.97 ^b	54.05	0.072	26.09	27.72	0.202	35.97	35.75	0.882
Region IV	49.88	50.12	0.906	26.08	27.15	0.476	36.91	35.58	0.464
Region V	46.72	46.88	0.933	24.99	24.84	0.913	37.01	38.60	0.382
Indiana	49.72	49.01	0.582	21.84	22.90	0.265	39.36	38.63	0.568
Central	54.41 ^b	50.89	0.100	21.19	21.43	0.874	41.18	40.11	0.602
East	40.24	43.57	0.173	20.37	22.38	0.236	39.08	36.82	0.309
North Central	47.90	49.32	0.542	20.73	21.73	0.505	39.70	39.78	0.970
Northeast	46.70	48.46	0.455	20.42	22.70	0.146	39.10	38.02	0.619
Northwest	52.82	50.16	0.264	21.93	22.92	0.535	40.97	41.68	0.749
Southeast	46.64	45.74	0.726	21.10	22.62	0.382	39.13	36.70	0.278
Southwest	50.45	46.82	0.153	23.91	23.38	0.755	36.17	37.01	0.711
West	51.20	52.67	0.498	26.31	28.37	0.226	36.17	35.43	0.728

See notes at end of table.

(continued)

Table 4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month			Binge Alcohol Use in Past Month ¹			Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Iowa	53.32	53.41	0.944	28.04	27.86	0.859	35.49	36.49	0.411
Central	53.17	56.43	0.152	28.83	26.98	0.287	36.26	38.26	0.367
North Central	53.11	51.47	0.494	28.94	28.11	0.617	34.71	36.05	0.523
Northeast	60.09	57.94	0.316	31.05	30.07	0.575	34.83	35.75	0.641
Northwest	50.04	51.55	0.518	25.28	27.70	0.175	37.17	37.00	0.936
Southeast	50.26	50.39	0.952	26.67	26.12	0.744	35.06	35.74	0.725
Southwest	49.19	48.70	0.843	25.73	27.72	0.233	34.78	36.49	0.443
Kansas	52.04	51.71	0.814	26.15	24.91	0.217	38.92	39.00	0.951
Kansas City Metro	58.13	58.74	0.763	26.95	26.36	0.700	37.94	37.02	0.614
Northeast	52.92	50.86	0.364	28.42	26.25	0.196	38.20	37.53	0.753
South Central	43.23	46.22	0.215	23.33	22.19	0.494	39.29	39.46	0.936
Southeast	45.95	42.93	0.244	24.52	24.26	0.884	38.80	37.88	0.711
West	46.77	46.46	0.903	25.26	25.80	0.764	39.63	41.50	0.394
Wichita (Sedgwick)	52.86	50.24	0.232	25.57 ^a	22.33	0.041	40.90	43.03	0.303
Kentucky	42.17	40.52	0.227	21.61	20.13	0.105	41.33	42.47	0.388
Adanta, Cumberland River, and Lifeskills	35.80 ^a	30.95	0.033	20.24 ^a	17.00	0.025	41.04	42.12	0.648
Bluegrass, Comprehend, and North Key	45.96	47.69	0.411	21.82	22.83	0.474	40.25	39.99	0.898
Communicare and River Valley	38.79	40.02	0.614	21.11	20.12	0.526	41.87	42.95	0.624
Four Rivers and Pennyroyal	40.88 ^a	35.23	0.018	21.23 ^b	18.53	0.073	43.18	44.11	0.683
Kentucky River, Mountain, and Pathways	28.83	27.56	0.540	17.85	16.30	0.251	42.60	42.81	0.924
Seven Counties	51.89 ^b	48.12	0.099	24.92 ^b	21.78	0.061	41.18 ^b	44.88	0.089
Louisiana	48.58	49.66	0.422	24.26	24.41	0.881	43.01	45.07	0.125
Regions 1 and 3	--	52.14	--	--	26.49	--	--	44.45	--
Regions 2 and 9	53.33	50.92	0.239	24.48	23.94	0.717	41.89 ^b	45.78	0.064
Regions 4, 5, and 6	--	47.00	--	--	24.19	--	--	43.38	--
Regions 7 and 8	41.10 ^b	45.30	0.062	21.74	23.22	0.319	46.67	46.65	0.993
Region 10 (Jefferson)	55.95	57.57	0.519	24.63	25.18	0.765	43.33	45.39	0.350

See notes at end of table.

(continued)

Table 4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month			Binge Alcohol Use in Past Month ¹			Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Maine	52.63	52.99	0.786	22.00	22.06	0.947	37.83	38.36	0.689
Aroostook/Downeast	46.48	46.42	0.980	20.99	21.57	0.733	37.55	39.43	0.416
Central	45.77	44.11	0.511	20.24	18.32	0.237	36.80	38.11	0.574
Cumberland	60.94	58.88	0.345	23.79	24.11	0.830	37.31	39.00	0.424
Midcoast	52.12	52.77	0.802	20.20	20.52	0.833	40.52	39.19	0.584
Penquis	53.11	50.59	0.302	23.55	22.86	0.664	39.30	36.31	0.201
Western	49.80 ^b	53.81	0.093	22.38	20.89	0.348	38.05	38.18	0.954
York	54.61 ^b	59.15	0.064	21.59 ^b	24.54	0.078	36.19	38.05	0.404
Maryland	52.89	54.72	0.143	20.09 ^b	21.67	0.073	44.75	43.19	0.239
Anne Arundel	55.99	58.98	0.237	21.68	23.80	0.207	41.20	39.73	0.520
Baltimore City	44.88	43.29	0.494	20.79	21.67	0.586	51.34	49.09	0.322
Baltimore County	58.10	59.56	0.544	19.86 ^a	23.55	0.015	43.93	41.21	0.222
Montgomery	57.29	58.68	0.546	18.48	20.92	0.112	44.77	44.50	0.908
North Central	61.79	61.50	0.896	22.36	22.73	0.817	39.07	40.10	0.672
Northeast	56.16	58.65	0.276	22.87	23.20	0.840	40.88	38.79	0.372
Prince George's	42.72 ^b	47.26	0.053	17.02	18.08	0.457	50.48	49.57	0.692
South	51.92	50.99	0.695	21.59	20.35	0.425	43.82	41.18	0.243
West	50.28 ^a	56.66	0.010	20.15 ^b	22.91	0.073	40.92	38.21	0.249
Massachusetts	59.40	60.86	0.270	26.36	26.62	0.799	34.00	34.41	0.746
Boston	56.16	58.44	0.295	28.59	29.38	0.655	37.54	37.39	0.944
Central	58.06	60.44	0.295	28.17	28.33	0.932	34.25	33.21	0.633
Metrowest	63.60	63.55	0.982	25.47	24.46	0.512	31.99	34.91	0.155
Northeast	56.90	58.57	0.445	24.09	26.24	0.190	35.29	35.16	0.954
Southeast	60.94	62.52	0.485	25.25	25.86	0.723	33.92	32.24	0.444
Western	57.67	59.65	0.386	29.23	27.95	0.474	32.17	34.22	0.336

See notes at end of table.

(continued)

Table 4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month			Binge Alcohol Use in Past Month ¹			Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Michigan[‡]	54.78	55.01	0.761	25.15	24.96	0.758	37.68	38.36	0.348
Detroit City	39.72	39.93	0.914	21.73	21.11	0.655	51.09	49.82	0.482
Genesee	52.44	51.08	0.501	24.25	22.39	0.210	38.18	39.82	0.387
Kalamazoo	53.15	53.86	0.728	24.39	25.14	0.606	37.53	37.61	0.966
Kent	55.14	52.07	0.113	23.69	24.39	0.639	36.86	37.44	0.761
Lakeshore	51.78	54.11	0.234	24.18	23.92	0.853	38.64	37.28	0.459
Macomb	59.12	57.76	0.453	27.04	25.28	0.259	35.06 ^b	38.24	0.073
Mid South	54.95	57.38	0.183	26.72	28.02	0.338	34.13	35.48	0.413
Northern	53.60	55.92	0.253	26.08	24.74	0.388	35.45	35.11	0.846
Oakland	61.57	60.68	0.597	25.20	24.47	0.568	36.58	38.46	0.294
Pathways and Western	--	59.52	--	29.15	--	--	33.50	--	--
Riverhaven	51.69	53.83	0.346	25.72	26.33	0.698	33.86	35.14	0.518
Saginaw	54.25	54.76	0.822	22.85 ^b	25.74	0.071	36.39	38.88	0.223
Southeast	56.14	54.99	0.507	24.74	25.04	0.815	38.05	39.33	0.437
St. Clair	58.17	56.60	0.479	26.95	26.31	0.723	37.25	37.32	0.977
Washtenaw	63.30	61.91	0.424	26.09	25.76	0.816	36.35	36.43	0.964
Minnesota	60.64	61.86	0.342	27.59	29.13	0.182	34.10	35.40	0.293
Regions 1 and 2	55.64 ^a	62.83	0.004	28.56	30.98	0.235	33.85	33.74	0.958
Regions 3 and 4	58.14	61.04	0.158	27.08 ^b	29.89	0.098	33.12	32.90	0.912
Regions 5 and 6	59.63	58.27	0.535	29.85	30.85	0.596	34.16	34.63	0.823
Region 7A (Hennepin)	62.51	63.44	0.645	27.34	28.41	0.570	34.88	38.02	0.142
Region 7B (Ramsey)	57.93	58.34	0.869	25.81	25.61	0.917	36.98	38.68	0.432
Region 7C	65.32	65.16	0.936	26.55	28.38	0.287	32.66	34.78	0.276
Mississippi	36.61	37.06	0.709	18.42	18.75	0.711	47.95	47.97	0.987
Region 1	33.70 ^b	37.51	0.066	17.01 ^a	21.01	0.006	48.27	49.63	0.515
Region 2	33.80	33.28	0.808	17.95	18.35	0.787	49.83	50.66	0.698
Region 3	33.42	33.09	0.871	18.45	17.59	0.547	49.60	48.39	0.605
Region 4	43.79	40.98	0.215	20.39 ^b	17.76	0.062	47.20	47.66	0.822
Region 5	31.16	31.59	0.836	17.04	16.61	0.768	49.27	48.60	0.772
Region 6	33.79 ^b	37.63	0.068	18.04	18.75	0.611	48.00	46.56	0.510
Region 7	42.01	40.81	0.611	19.31	18.99	0.823	44.58	43.78	0.713

See notes at end of table.

(continued)

Table 4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month			Binge Alcohol Use in Past Month ¹			Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Missouri	49.03	49.93	0.482	24.41	24.18	0.805	39.93	39.15	0.530
Central	45.05 ^a	49.71	0.039	24.32	22.77	0.302	38.56	39.12	0.785
Eastern	55.32	54.20	0.509	26.48	25.50	0.461	39.94	39.17	0.654
Eastern (St. Louis City and County)	55.23	52.39	0.174	25.98	23.63	0.155	41.42	40.29	0.591
Eastern (excluding St. Louis)	55.50	57.52	0.368	27.48	28.93	0.416	37.00	37.10	0.966
Northwest	51.13	49.95	0.523	24.99	24.69	0.810	40.23	40.59	0.828
Northwest (Jackson)	52.95	49.56	0.154	24.55	23.27	0.408	42.49	44.03	0.498
Northwest (excluding Jackson)	49.51	50.30	0.743	25.38	25.93	0.740	38.21	37.60	0.779
Southeast	40.26	42.89	0.276	22.08	23.31	0.457	40.55	38.32	0.342
Southwest	41.77	45.60	0.106	20.66	22.18	0.312	40.16	37.51	0.255
Montana	56.38	57.43	0.433	28.42	27.27	0.296	35.55 ^a	38.59	0.021
Region 1	52.02	50.74	0.635	26.06	26.02	0.984	36.57	38.72	0.362
Region 2	51.90	51.36	0.828	26.13	23.67	0.136	39.25	41.78	0.270
Region 3	54.92	54.16	0.734	28.64 ^a	24.54	0.014	37.32	40.17	0.181
Region 4	60.09	60.78	0.747	29.90	30.19	0.864	33.48 ^b	36.94	0.089
Region 5	57.66 ^b	61.35	0.065	28.80	28.65	0.928	33.99 ^b	37.40	0.076
Nebraska	54.56	54.93	0.779	26.64	25.61	0.317	36.04	36.61	0.647
Regions 1 and 2	51.70	52.83	0.636	23.39	23.19	0.903	36.79	36.40	0.842
Region 1	--	49.33	--	--	21.15	--	--	36.86	--
Region 2	--	55.84	--	--	24.96	--	--	36.00	--
Region 3	56.00	53.95	0.415	25.22	25.74	0.769	34.57	35.30	0.738
Region 4	46.55 ^a	52.52	0.020	25.51	26.90	0.448	36.34	35.87	0.824
Region 5	56.10	55.61	0.822	28.50	27.74	0.639	34.49	35.31	0.666
Region 6	56.52	56.10	0.823	27.23 ^b	24.55	0.077	37.20	38.08	0.634
Nevada	49.88	52.41	0.115	23.63	24.74	0.328	41.53 ^b	44.27	0.053
Clark	48.92	51.33	0.192	23.12	24.20	0.423	41.65 ^b	45.03	0.054
Rural	52.26	55.67	0.164	23.83	26.34	0.148	40.57	41.98	0.495
Washoe	52.21	54.53	0.347	25.78	25.81	0.989	41.84	42.76	0.674

See notes at end of table.

(continued)

Table 4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month			Binge Alcohol Use in Past Month ¹			Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
New Hampshire									
Central	60.21 ^a	62.95	0.031	24.59	25.85	0.212	33.55	33.15	0.742
Central 1	58.63 ^a	62.36	0.038	25.32	27.26	0.144	33.95	32.69	0.454
Central 2	57.15	59.10	0.406	25.81	26.88	0.522	33.38	31.92	0.488
Northern	60.06 ^a	65.47	0.016	24.85	27.61	0.128	34.50	33.43	0.623
Southern	62.00	63.35	0.567	27.10	27.47	0.831	30.47	32.05	0.451
Southern 1 (Rockingham)	60.58 ^b	63.15	0.086	23.69	24.81	0.347	34.04	33.62	0.771
Southern 2	63.48	66.68	0.104	24.07	25.71	0.312	31.84	32.73	0.632
New Jersey	58.81	60.97	0.266	23.45	24.26	0.581	35.38	34.18	0.509
Central	55.20	55.13	0.963	21.85	23.06	0.258	42.90	43.40	0.713
Metropolitan	58.69	58.48	0.928	20.92 ^a	24.37	0.038	40.87	42.23	0.535
Northern	54.05	52.34	0.454	21.28	20.94	0.824	46.89	46.30	0.780
Southern	54.53	53.88	0.769	21.85	22.03	0.906	43.55	44.95	0.518
New Mexico	53.74	56.45	0.239	23.57	25.51	0.230	39.41	39.16	0.904
Region 1	46.56	45.70	0.509	21.00	21.28	0.761	46.91	47.40	0.707
Region 2	40.74	40.13	0.770	19.29	20.57	0.375	47.32	45.13	0.292
Region 3 (Bernalillo)	49.70	49.09	0.798	19.95	20.29	0.827	51.02	50.36	0.772
Region 4	51.91 ^a	47.96	0.049	22.42	20.95	0.292	44.73 ^a	49.61	0.018
Region 5	41.55	41.88	0.880	20.33	20.92	0.698	46.25	44.19	0.349
	44.99	47.66	0.264	21.77	23.53	0.243	47.01	45.99	0.642

See notes at end of table.

(continued)

Table 4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month			Binge Alcohol Use in Past Month ¹			Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
New York	54.43	55.25	0.341	23.35	23.65	0.641	42.58	42.18	0.632
Region A	48.32 ^b	50.51	0.063	21.13	22.01	0.286	47.62	46.95	0.556
Region 1	42.27	45.37	0.135	19.17	20.87	0.233	53.19	50.92	0.265
Region 2	45.26 ^a	49.74	0.010	19.86	20.83	0.431	47.47	46.95	0.764
Region 3	61.39	61.43	0.985	28.51	27.53	0.555	42.57	41.66	0.652
Region 4	46.44	46.41	0.989	18.66	20.12	0.265	48.22	48.56	0.863
Region B	61.52	60.22	0.299	24.55	23.60	0.328	40.99	40.73	0.844
Region 5	63.92	61.81	0.208	25.64	24.32	0.330	40.38	40.09	0.869
Region 6	57.95	58.10	0.941	22.61	21.01	0.269	43.49	43.55	0.973
Region 7	59.06	58.32	0.742	23.94	25.29	0.362	39.05	38.45	0.764
Region C	58.10	57.97	0.911	25.35	25.20	0.855	37.41	37.52	0.915
Region 8	60.16	60.61	0.819	26.82 ^b	24.17	0.095	38.42	38.32	0.959
Region 9	56.37	56.63	0.902	24.82	24.08	0.624	37.27	37.11	0.936
Region 10	54.53 ^a	60.99	0.005	23.93	25.42	0.317	36.57	34.06	0.198
Region 11	54.59	52.99	0.432	22.70	23.41	0.609	38.37	38.13	0.896
Region 12	62.30	60.15	0.289	27.46	28.54	0.445	36.14	37.96	0.326
Region D	53.29 ^b	55.98	0.077	25.38 ^a	27.65	0.035	36.36	35.95	0.756
Region 13	55.30	58.67	0.128	24.12	26.07	0.246	37.49	36.70	0.708
Region 14	49.93 ^a	55.91	0.008	27.09	29.64	0.103	35.65	34.27	0.462
Region 15	54.73	53.64	0.638	24.83	27.11	0.156	36.04	36.92	0.681
North Carolina	42.97	44.44	0.277	19.89	20.51	0.522	44.62	44.83	0.873
Eastern	41.75 ^b	45.90	0.062	20.57	22.86	0.128	45.09	45.41	0.879
North Central	41.95 ^b	46.31	0.062	18.81	19.63	0.591	44.21	46.94	0.223
South Central	40.58	42.65	0.321	18.81	20.05	0.408	45.10	44.33	0.723
Western	46.09	43.63	0.223	21.04	20.14	0.522	44.29	43.37	0.619
North Dakota	59.13	59.15	0.988	30.96	32.12	0.314	33.49	35.21	0.143
Badlands and West Central	59.31	59.02	0.895	29.15	30.04	0.612	35.10	35.92	0.654
Lake Region and South Central	48.95	50.53	0.523	28.66	30.95	0.232	34.07	35.51	0.514
North Central and Northwest	54.55	53.61	0.687	29.67	30.42	0.689	32.41 ^a	36.49	0.045
Northeast	62.33	59.56	0.195	33.03	33.11	0.965	32.46	35.45	0.137
Southeast	66.30	67.51	0.525	33.90	35.48	0.352	32.80	33.40	0.748

See notes at end of table.

(continued)

Table 4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month			Binge Alcohol Use in Past Month ¹			Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Ohio									
Boards 2, 46, 55, and 68	51.05	51.49	0.576	23.81 ^a	25.84	0.001	37.93	38.64	0.324
Boards 3, 52, and 85	43.49	46.03	0.258	21.21 ^a	25.17	0.005	37.49	38.13	0.752
Boards 4 and 78	50.65 ^a	55.53	0.041	21.66 ^a	26.59	0.001	34.39	36.24	0.353
Boards 5 and 60	50.54 ^b	46.63	0.083	24.82	24.85	0.982	35.73	37.28	0.441
Boards 7, 15, 41, 79, and 84	44.08	42.02	0.328	25.27	24.22	0.465	37.64	37.19	0.813
Boards 8, 13, and 83	42.85	41.89	0.668	22.31	23.03	0.645	36.29	36.02	0.896
Board 9 (Butler)	51.68	51.22	0.835	22.82 ^a	25.88	0.038	35.68	35.35	0.869
Board 12	50.49	51.13	0.765	25.07	27.13	0.177	36.95	37.54	0.778
Boards 18 and 47	45.66 ^a	54.18	0.000	19.90 ^a	26.44	0.000	40.04	37.80	0.281
Boards 20, 32, 54, and 69	54.28	53.10	0.462	24.37	26.01	0.201	39.58	42.06	0.139
Boards 21, 39, 51, 70, and 80	53.87	53.52	0.875	25.94	26.44	0.775	35.72	36.40	0.719
Boards 22, 74, and 87	51.35	50.28	0.619	23.35 ^b	26.08	0.071	36.24	36.60	0.852
Boards 23 and 45	52.69 ^b	57.01	0.066	23.53	25.36	0.237	37.06	35.75	0.520
Boards 25 (Franklin)	48.61	51.65	0.174	26.69 ^a	30.57	0.026	36.73	36.93	0.919
Boards 27, 71, and 73	55.86	57.36	0.418	25.59 ^b	27.74	0.096	38.61	40.18	0.353
Boards 28, 43, and 67	36.21	36.18	0.988	19.24	21.45	0.121	36.89	38.50	0.399
Boards 31 (Hamilton)	56.62	57.27	0.749	25.00	26.93	0.205	37.42	37.60	0.930
Board 48 (Lucas)	53.83	54.90	0.578	23.92	25.79	0.216	38.23	40.09	0.334
Boards 50 and 76	51.84	53.38	0.455	25.75	24.59	0.456	38.66	41.11	0.207
Board 57 (Montgomery)	52.19 ^a	47.08	0.022	24.24	25.43	0.413	38.05	37.10	0.630
Board 77 (Summit)	50.62	51.92	0.538	22.78	25.08	0.114	39.64	40.19	0.781
Oklahoma									
Central	41.55	42.21	0.617	20.92	21.46	0.577	42.67	43.90	0.354
East Central	41.80	41.30	0.835	20.77	22.23	0.337	41.48	41.81	0.880
Northeast	35.05 ^a	40.85	0.015	18.61	19.33	0.637	46.46	45.31	0.633
Northwest and Southwest	42.81	41.90	0.698	21.74	21.63	0.942	40.06	42.30	0.329
Oklahoma County	42.29	41.45	0.717	22.58	21.81	0.634	40.72	42.42	0.445
Southeast	42.47 ^a	47.23	0.027	21.20	22.78	0.287	45.40	46.55	0.575
Tulsa County	34.94	36.60	0.418	19.07	20.90	0.223	42.85	43.58	0.751
	49.07 ^a	43.77	0.027	21.81	20.92	0.562	41.28	44.19	0.204

See notes at end of table.

(continued)

Table 4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month			Binge Alcohol Use in Past Month ¹			Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Oregon	55.82	57.66	0.168	20.70	22.10	0.131	39.05	38.79	0.836
Region 1 (Multnomah)	59.39	61.00	0.468	21.94	23.29	0.424	39.10	39.83	0.726
Region 2	58.78	59.55	0.711	19.36	19.92	0.686	39.74	39.59	0.942
Region 3	53.55	56.22	0.178	20.53 ^b	23.08	0.069	38.97	37.42	0.404
Region 4	52.12	53.49	0.557	19.67	20.95	0.422	37.61	38.56	0.673
Region 5 (Central)	--	64.53	--	--	24.47	--	--	39.08	--
Region 6 (Eastern)	--	51.82	--	--	22.45	--	--	39.74	--
Pennsylvania	52.89	53.41	0.492	24.10	23.82	0.648	37.04 ^a	39.24	0.005
Region 1 (Allegheny)	60.76	58.33	0.180	28.04	25.74	0.142	33.39 ^b	36.41	0.093
Regions 2, 3, 8, and 9	51.60	53.57	0.349	24.99	24.38	0.692	35.02	38.03	0.125
Regions 4, 11, 37, and 49	53.21	52.89	0.877	23.90	24.91	0.504	34.60	37.07	0.187
Regions 5, 18, 23, 24, and 46	43.01 ^a	49.70	0.001	19.96	20.65	0.625	38.47 ^a	43.07	0.027
Regions 6, 12, 16, 31, 35, 39, 45, and 47	51.08 ^b	54.67	0.070	26.25	27.26	0.483	35.49	35.09	0.829
Regions 7, 13, 20, and 33	61.52	61.91	0.796	25.23	25.90	0.573	35.92	36.80	0.551
Regions 10, 14, 15, 27, 32, 43, and 44	47.63	49.40	0.421	22.45	23.63	0.455	35.21	34.61	0.756
Regions 17 and 21	55.39	54.40	0.654	27.13	25.24	0.259	35.86	37.63	0.384
Regions 19, 26, 28, and 42	48.90	49.83	0.614	20.59	18.67	0.113	40.43 ^a	46.90	0.000
Regions 22, 38, 40, 41, and 48	50.53	49.51	0.625	22.13	21.74	0.796	36.40	37.46	0.596
Regions 25 and 30	53.81	53.43	0.861	25.97	24.23	0.280	35.78	36.96	0.547
Regions 29 and 34	51.29	52.08	0.722	22.51	22.98	0.749	37.81	40.63	0.157
Region 36 (Philadelphia)	45.00	43.88	0.552	23.65	23.72	0.959	42.91	44.27	0.457
Rhode Island	60.88	61.50	0.660	28.52	28.08	0.686	37.97	38.08	0.935
Bristol and Newport	64.77	67.38	0.204	28.60	30.55	0.308	36.87	36.93	0.978
Kent	61.07	61.90	0.712	26.52	25.17	0.430	37.35	36.03	0.551
Providence	58.70	58.98	0.879	28.94	28.42	0.710	38.35	39.14	0.634
Washington	67.11	67.03	0.970	29.03	27.69	0.454	38.12	36.83	0.556
South Carolina	43.87 ^a	46.62	0.040	20.75	21.18	0.659	43.38	44.54	0.346
Region 1	39.62	41.52	0.377	18.32	17.15	0.406	44.44	43.45	0.614
Region 2	45.74	47.48	0.381	21.88	22.76	0.536	40.72 ^a	45.27	0.015
Region 3	40.30	43.88	0.108	19.05	21.07	0.193	46.75	45.01	0.411
Region 4	48.54 ^b	52.64	0.067	23.12	23.50	0.811	43.01	44.49	0.469

See notes at end of table.

(continued)

Table 4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month			Binge Alcohol Use in Past Month ¹			Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
South Dakota	59.17	57.45	0.191	28.42	29.24	0.439	34.62	35.44	0.506
Region 1	58.44	56.40	0.367	29.80	31.23	0.422	34.80	33.68	0.592
Region 2	63.32	63.56	0.896	31.02	30.17	0.618	34.77	35.28	0.793
Region 3	59.69	56.90	0.217	27.14	29.58	0.173	32.26	34.03	0.386
Region 4	58.65	58.07	0.799	29.40	30.03	0.736	35.14	35.45	0.883
Region 5	56.34	55.20	0.627	27.96	28.65	0.721	34.52	35.38	0.702
Region 6	56.93 ^a	51.85	0.038	26.65	26.33	0.866	37.79	36.41	0.556
Region 7	56.25	52.84	0.128	24.89	26.68	0.287	34.99 ^b	38.54	0.090
Tennessee	41.16	41.74	0.662	18.45	19.57	0.202	43.39	45.08	0.178
Region 1	35.77	37.51	0.471	17.67	19.02	0.353	39.69	43.18	0.165
Region 2	40.98	42.11	0.613	17.83	19.94	0.142	42.42	43.27	0.690
Region 3	39.24	39.96	0.744	18.54	20.36	0.214	43.96	44.68	0.759
Region 4 (Davidson)	47.39	50.89	0.169	18.84 ^b	21.42	0.091	43.42	47.13	0.116
Region 5	43.22	44.28	0.628	19.10	19.44	0.806	42.96	42.89	0.972
Region 6	34.40	33.05	0.569	18.01	18.72	0.630	44.09	46.73	0.263
Region 7 (Shelby)	44.19	41.93	0.312	18.66	18.13	0.732	46.16	49.85	0.108
Texas	49.14 ^b	47.70	0.055	24.02	23.33	0.257	44.15	44.34	0.803
Region 1	47.53	49.00	0.510	26.89	27.62	0.646	41.42	41.61	0.924
Region 2	46.30 ^b	50.30	0.068	22.79 ^b	25.44	0.094	41.52	41.35	0.936
Region 3	49.68	48.29	0.256	22.69	21.29	0.108	42.98	44.10	0.309
Region 3a	50.99 ^a	47.89	0.041	22.26	20.46	0.109	43.58	44.86	0.360
Region 3bc	47.35	49.00	0.367	23.46	22.74	0.573	41.92	42.76	0.606
Region 4	43.24	40.19	0.173	21.14	19.29	0.211	41.46	41.70	0.904
Region 5	42.75	42.19	0.792	21.47	20.69	0.593	43.14	44.75	0.408
Region 6	52.46 ^a	48.39	0.005	24.10	23.90	0.856	44.36	44.98	0.640
Region 6a	52.50 ^a	48.11	0.005	23.91	23.86	0.966	44.60	45.27	0.639
Region 6bc	52.14	50.66	0.513	25.65	24.19	0.346	42.42	42.58	0.935
Region 7	54.78	55.28	0.727	25.84	25.87	0.978	40.88	40.81	0.958
Region 7a	56.89	59.01	0.235	25.23	26.26	0.464	42.10	40.54	0.373
Region 7bcd	51.55	49.31	0.280	26.77	25.25	0.318	39.02	41.25	0.246
Region 8	47.96	50.07	0.226	25.07	25.40	0.821	45.89	44.07	0.288
Region 9	42.60	39.71	0.177	22.21	22.24	0.980	47.29 ^b	43.03	0.051
Region 10	43.75	42.62	0.614	25.34	23.94	0.428	51.31	50.96	0.872
Region 11	43.32 ^a	39.40	0.016	26.07 ^a	23.23	0.025	50.02	49.76	0.871
Region 11abd	46.44 ^a	41.08	0.009	27.44 ^a	23.48	0.013	49.90	49.48	0.822
Region 11c (Hidalgo)	37.15	36.21	0.636	23.38	22.76	0.698	50.23	50.30	0.972

See notes at end of table.

(continued)

Table 4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month			Binge Alcohol Use in Past Month ¹			Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Utah									
Bear River, Northeastern, Summit, Tooele, and Wasatch	30.35	28.73	0.239	15.79	14.82	0.282	47.04 ^a	51.02	0.006
Central, Four Corners, San Juan, and Southwest	29.37	29.48	0.958	15.39	16.14	0.583	48.03	48.45	0.844
Davis County	23.05	22.68	0.841	13.99	13.62	0.772	47.58	50.59	0.185
Salt Lake County	28.92	27.72	0.597	15.39	13.57	0.157	47.20 ^a	52.39	0.025
Utah County	36.54	34.30	0.244	17.45	16.50	0.460	45.40 ^a	50.17	0.013
Weber, Morgan	21.03 ^b	17.60	0.056	12.65 ^b	10.58	0.055	50.44 ^a	56.07	0.010
	32.46	35.72	0.188	17.46	17.53	0.963	45.98	46.85	0.719
Vermont									
Champlain Valley	59.31	60.33	0.453	24.52	25.42	0.371	33.74 ^a	36.49	0.036
Rural Northeast	62.48	62.44	0.983	26.22	27.47	0.359	32.20	34.67	0.145
Rural Southeast	52.35 ^a	58.18	0.012	23.82	25.35	0.332	35.79	38.16	0.252
Rural Southwest	61.53	62.87	0.569	21.90	24.29	0.150	34.13	36.77	0.238
	58.98	55.15	0.125	24.96 ^b	22.06	0.077	33.90 ^b	38.00	0.075
Virginia									
Region 1	50.52	52.37	0.173	22.10	22.90	0.398	43.92	43.69	0.868
Region 2	--	55.51	--	--	25.22	--	--	41.40	--
Region 3	55.93	54.98	0.663	20.65	21.71	0.472	44.97	44.28	0.758
Region 4	42.89	45.01	0.367	21.96	23.38	0.362	43.41	42.23	0.593
Region 5	--	51.97	--	--	24.02	--	--	44.85	--
	50.83	53.23	0.292	22.48	21.50	0.525	43.32	44.81	0.500
Washington									
Region 1	55.60	55.06	0.679	22.38	21.44	0.323	37.32 ^a	40.52	0.016
Region 2	54.37	56.32	0.385	22.88	22.66	0.884	38.80	39.80	0.661
Region 3	43.46	46.71	0.164	22.16	20.27	0.232	40.69	43.20	0.260
Region 4 (King)	55.75	52.43	0.160	23.99	21.49	0.120	36.89 ^b	41.14	0.057
Region 5	59.71	59.39	0.878	21.84	21.00	0.570	36.72 ^b	40.30	0.084
Region 6	55.53	54.19	0.531	21.68	20.32	0.372	36.79	39.38	0.209
	55.72	54.62	0.615	22.13	22.93	0.624	36.35 ^b	40.45	0.059

See notes at end of table.

(continued)

Table 4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month			Binge Alcohol Use in Past Month ¹			Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
West Virginia									
Eastern Highland	36.09	38.39	0.110	19.11	19.66	0.540	42.69	42.12	0.664
Northern	37.69	37.08	0.793	18.33	18.77	0.744	41.77	41.61	0.940
Northern A and B	41.40	42.59	0.557	23.51	23.30	0.879	41.42	42.23	0.665
Northern C and D	42.14	42.75	0.826	20.84	22.01	0.479	39.84	41.41	0.547
South Central	41.02	42.51	0.516	24.86	23.93	0.574	42.23	42.63	0.849
South Central I	35.57 ^a	39.10	0.047	17.61	18.97	0.214	43.32	42.14	0.460
South Central II	33.20	35.41	0.376	17.12	19.09	0.186	44.46	42.40	0.392
South Central III	33.42 ^a	38.24	0.047	18.97	19.34	0.795	43.31	42.71	0.801
Southern	27.87 ^a	32.72	0.008	17.00	18.66	0.263	42.65	41.61	0.649
Southern I and III	38.43	41.88	0.163	16.85	16.98	0.913	44.26	42.55	0.373
Southern II	28.97 ^a	33.60	0.038	17.17	17.00	0.905	44.25	41.93	0.323
Western	25.68 ^a	30.97	0.019	16.22	16.93	0.615	44.29	43.79	0.840
Wisconsin									
Milwaukee	64.29 ^a	60.82	0.007	30.53 ^b	28.46	0.055	31.56 ^a	35.44	0.002
Northeastern	62.20 ^a	55.07	0.001	30.46 ^a	26.25	0.032	36.14 ^b	40.44	0.054
Northern	66.83	66.02	0.711	32.78	31.14	0.369	28.47 ^a	34.17	0.005
Southeastern	61.91	59.73	0.363	27.69	28.05	0.855	31.75	33.54	0.438
Southern	69.53 ^a	62.76	0.000	30.85 ^a	26.97	0.031	32.95	36.02	0.129
Western	61.52	60.68	0.693	29.41	30.56	0.510	30.21 ^b	33.60	0.077

See notes at end of table.

(continued)

Table 4. Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month			Binge Alcohol Use in Past Month ¹			Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Wyoming	55.18	55.23	0.971	25.34	25.15	0.848	36.72	38.75	0.102
Judicial District 1 (Laramie)	58.44	55.39	0.206	24.89	23.04	0.269	39.32	41.92	0.237
Judicial District 2	55.87 ^a	61.36	0.013	28.40 ^a	32.05	0.030	36.81	37.41	0.770
Judicial District 3	51.74	53.69	0.405	26.53	26.42	0.947	36.20	37.25	0.617
Judicial District 4	54.65	56.88	0.418	23.95	22.80	0.493	36.83	37.75	0.706
Judicial District 5	53.53 ^a	48.18	0.039	23.60	22.86	0.678	37.62	38.55	0.694
Judicial District 6	55.53	56.48	0.704	27.42	26.06	0.447	34.45 ^b	38.37	0.087
Judicial District 7 (Natrona)	54.30	57.87	0.138	24.42	25.33	0.575	34.93	37.60	0.206
Judicial District 8	55.31 ^b	49.92	0.054	23.44	23.00	0.801	37.05	39.23	0.350
Judicial District 9	56.28	56.20	0.971	24.92	24.96	0.978	36.34	39.28	0.202

-- Not available. These regions were not defined consistently across the two time periods, 2004-2006 and 2006-2008; hence, the 2004-2006 estimates and p values are not available for these regions. The definitions of the substate regions listed in this table are provided in Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

[†] Names of some of the substate regions for this State have changed across the two time periods (2004-2006 vs. 2006-2008). For details, see Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

** A separate Kauai estimate is not being reported because of low precision. For more details, see Table D12 of Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

NOTE: p value: Bayes posterior probability of no change.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

^a Difference between the 2006-2008 estimate and the 2004-2006 estimate is statistically significant at the 0.05 level.

^b Difference between the 2006-2008 estimate and the 2004-2006 estimate is statistically significant at the 0.10 level.

¹ 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.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, 2006, 2007, and 2008.

Table 5. Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20			Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Total United States	28.27 ^a	27.53	0.001	18.95 ^a	18.31	0.002
Northeast	31.33	31.04	0.513	21.16	20.82	0.408
Midwest	30.62 ^a	28.88	0.000	21.57 ^a	20.11	0.000
South	26.15 ^a	25.47	0.024	16.91 ^b	16.44	0.085
West	26.93	26.77	0.700	17.88	17.61	0.493
Alabama	25.93	24.43	0.150	16.14	15.01	0.196
Region 1	23.27	22.78	0.764	15.16	13.98	0.365
Region 2	27.26 ^b	24.69	0.099	16.51	15.59	0.478
Region 3	26.63	27.80	0.469	15.49	16.29	0.561
Region 4	26.53 ^a	22.92	0.038	17.34 ^a	14.23	0.016
Alaska	27.02	27.00	0.991	18.30	18.54	0.832
Gulf Coast	23.76	27.05	0.108	18.37	19.00	0.715
Rural	18.75	18.18	0.730	14.85	14.22	0.660
Southeast	26.12	26.14	0.991	19.10	20.04	0.613
Urban	29.43	28.75	0.649	18.86	19.05	0.888
Arizona	27.72	27.98	0.848	18.99	18.23	0.474
Maricopa	28.49	28.01	0.763	18.20	17.64	0.666
Pima	29.88	29.83	0.977	22.69 ^b	19.51	0.065
Rural North	25.71	27.54	0.348	18.52	18.56	0.983
Rural South	23.12	26.07	0.129	18.52	19.02	0.761
Arkansas	27.11	26.58	0.623	18.12	17.60	0.589
Areas 1 and 2	31.16	29.14	0.266	20.41	18.54	0.218
Areas 3 and 4	27.85	27.86	0.995	20.05	19.88	0.914
Areas 5 and 6	25.26 ^b	28.53	0.055	17.94	19.39	0.344
Areas 7, 12, and 13	24.21	24.17	0.982	15.01	15.45	0.754
Areas 8, 10, and 11	28.62	27.95	0.715	18.60	17.52	0.475
Area 9	25.08 ^a	21.38	0.017	15.99	14.33	0.232

See notes at end of table.

(continued)

Table 5. *Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)*

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20			Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
California	25.70	25.99	0.671	16.55	16.88	0.575
Region 1	30.90	31.65	0.660	22.06	22.53	0.794
Region 2	28.50	28.57	0.959	18.24	17.71	0.686
Region 3	26.26	28.99	0.134	16.95	18.06	0.445
Region 4	27.99	28.23	0.898	17.11	17.69	0.695
Region 5	26.19	26.36	0.910	15.75	16.69	0.442
Region 6 (Santa Clara)	24.25	24.21	0.980	15.01 ^b	17.67	0.067
Region 7	29.24	26.99	0.224	19.07	19.16	0.960
Region 8	25.42	24.51	0.582	16.38	15.88	0.716
Region 9	28.02	28.97	0.605	19.73	21.07	0.410
Region 10	29.93	29.45	0.774	20.39	21.16	0.634
Region 11 (Los Angeles)	22.70	22.72	0.989	13.78	13.53	0.785
Region 12	24.72	24.04	0.646	18.02	15.85	0.102
Region 13 (Riverside)	26.50	26.39	0.946	18.37	17.70	0.612
Region 14 (Orange)	25.17	25.31	0.921	16.45	16.36	0.942
Region 15	27.47 ^b	30.16	0.064	17.72 ^a	21.37	0.007
Colorado	32.38	31.34	0.423	21.06	20.54	0.653
Region 1	35.01	37.22	0.275	22.50	22.92	0.820
Regions 2 and 7	32.39	31.07	0.399	20.57	21.07	0.743
Region 3	32.50 ^a	27.10	0.003	21.51 ^a	16.44	0.005
Region 4	29.97	27.93	0.327	20.32	17.79	0.173
Regions 5 and 6	30.03	32.97	0.166	21.37	22.10	0.698
Connecticut	32.31	31.86	0.721	21.34 ^b	23.42	0.070
Eastern	32.58	33.55	0.630	22.14	24.25	0.249
North Central	29.97	29.95	0.992	19.03	21.41	0.156
Northwestern	34.88 ^a	29.25	0.005	24.09	22.01	0.246
South Central	33.04	34.33	0.501	22.43 ^b	25.71	0.062
Southwest	32.30	32.81	0.793	20.26 ^a	24.27	0.026
Delaware	29.61	29.49	0.930	18.94	20.08	0.352
Kent	30.10	29.13	0.614	17.89	18.20	0.856
New Castle (excluding Wilmington City)	31.35	32.22	0.604	20.71	22.86	0.160
Sussex	25.87	24.81	0.601	18.07	17.10	0.578
Wilmington City	26.29 ^b	22.73	0.069	13.05	12.87	0.907

See notes at end of table.

(continued)

Table 5. Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20			Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
District of Columbia						
Ward 1	30.50 ^a	33.76	0.025	18.99 ^a	22.20	0.012
Ward 2	30.17 ^a	38.02	0.001	16.68 ^a	22.85	0.005
Ward 3	53.21 ^a	66.90	0.000	39.01 ^a	51.89	0.000
Ward 4	52.04	52.25	0.930	37.34	36.78	0.842
Ward 5	25.00	25.28	0.883	15.34	15.97	0.683
Ward 6	26.22	28.66	0.235	14.81 ^b	17.83	0.083
Ward 7	26.03	25.28	0.703	15.23	14.55	0.670
Ward 8	18.85	18.92	0.964	8.72 ^b	10.81	0.051
Ward 9	19.35	21.28	0.229	10.39	11.64	0.307
Florida[‡]						
Region A - Northwest	27.41	27.26	0.835	17.68	17.45	0.685
Circuit 1	30.22	30.73	0.690	20.64	22.15	0.150
Circuit 2	28.82	29.70	0.639	19.61	21.67	0.178
Circuit 14	33.38	34.77	0.453	22.92 ^b	26.07	0.072
Circuit 1	28.25	26.69	0.436	19.24	16.87	0.111
Region B - Northeast	28.95	29.60	0.565	19.47	19.40	0.941
Circuits 3 and 8	32.81	35.16	0.194	21.91	24.55	0.124
Circuit 4	26.03	27.27	0.420	17.44	16.15	0.293
Circuit 7	30.01	28.52	0.424	20.46	20.02	0.775
Region C - Central	27.41	26.82	0.522	17.57	17.12	0.575
Circuit 5	26.51	26.44	0.966	16.95	18.42	0.261
Circuit 9	25.88	25.02	0.569	15.53	14.93	0.649
Circuit 10	27.07	26.34	0.680	17.88	16.33	0.330
Circuit 18	27.05	28.83	0.207	20.66	19.19	0.319
Circuit 19	--	29.15	0.229	18.02	18.08	0.972
Region D - Southeast		26.33	--	--	16.34	--
Circuit 15 (Palm Beach)	28.54	28.24	0.840	18.89	18.15	0.575
Circuit 17 (Broward)	26.66	25.05	0.251	16.96	15.13	0.122
Region E - Sun Coast	27.96	26.88	0.275	18.40	17.30	0.146
Circuit 6	26.37	27.01	0.685	18.48	17.17	0.299
Circuit 12	31.86 ^a	27.65	0.011	20.51	19.47	0.503
Circuit 13 (Hillsborough)	24.64	25.02	0.811	15.93	16.06	0.920
Circuit 20	32.11 ^b	28.69	0.063	20.42 ^b	17.76	0.069
Region F - Southern (Circuits 11 and 16)	23.30	25.15	0.195	13.16	14.71	0.156

See notes at end of table.

(continued)

Table 5. Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20			Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Georgia	23.81	24.01	0.856	15.10	15.00	0.904
Region 1	24.35	21.74	0.143	15.36	14.80	0.687
Region 2	25.08	27.49	0.154	16.38	17.31	0.519
Region 3	23.20	23.92	0.628	14.67	14.06	0.591
Region 4	23.25	21.20	0.215	14.94 ^b	12.64	0.074
Region 5	24.15	24.83	0.688	14.83 ^b	17.35	0.099
Hawaii	23.81	23.04	0.534	17.03 ^b	15.10	0.095
Hawaii Island	24.16	25.04	0.651	18.94	17.28	0.352
Honolulu	23.82	23.32	0.731	16.48	14.79	0.198
Kauai and Maui**	23.49 ^a	19.97	0.012	17.82 ^a	14.50	0.012
Maui	23.04 ^a	19.64	0.035	17.50 ^a	13.91	0.018
Idaho	26.54 ^a	22.54	0.001	19.51 ^a	16.28	0.001
Region 1	27.17	28.20	0.597	19.52	19.25	0.859
Region 2	34.23	31.40	0.142	26.18	25.32	0.685
Region 3	25.21 ^a	19.43	0.000	17.33 ^a	12.68	0.001
Region 4	29.95 ^a	24.80	0.003	21.76 ^a	17.33	0.002
Region 5	26.60 ^a	22.46	0.023	19.06 ^a	14.86	0.004
Region 6	24.61 ^a	19.86	0.005	18.85 ^a	15.32	0.022
Region 7	19.61 ^a	15.22	0.009	15.65	13.38	0.133
Illinois	28.62	27.93	0.319	19.57	19.84	0.664
Region I (Cook)	28.49 ^a	25.87	0.010	18.23	16.92	0.144
Region II	28.52	28.27	0.811	19.84	20.45	0.551
Region III	28.74 ^a	32.99	0.006	21.13 ^a	25.06	0.005
Region IV	30.40	30.03	0.827	22.22	23.50	0.376
Region V	27.93	27.57	0.805	20.60	20.95	0.799
Indiana	27.54 ^b	25.47	0.077	19.05	17.98	0.263
Central	25.91 ^a	20.62	0.001	16.25 ^a	13.19	0.021
East	25.50	27.12	0.385	17.92	20.36	0.129
North Central	27.73	24.95	0.145	18.35	16.34	0.210
Northeast	25.41	23.80	0.377	18.18	17.42	0.623
Northwest	26.80	25.28	0.425	18.15	16.67	0.337
Southeast	28.38 ^b	24.63	0.055	19.38	17.64	0.322
Southwest	27.53 ^b	24.46	0.091	20.39	18.37	0.230
West	33.51 ^b	37.48	0.065	26.29	29.62	0.109

See notes at end of table.

(continued)

Table 5. *Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)*

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20			Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Iowa						
Central	32.96 ^a	29.20	0.001	25.18 ^a	21.54	0.001
North Central	33.03 ^a	28.45	0.014	25.14 ^a	19.45	0.001
Northeast	32.92	31.81	0.573	26.41	24.46	0.328
Northwest	38.32 ^a	32.39	0.002	29.31 ^a	23.20	0.001
Southeast	30.66	27.95	0.136	22.58	20.86	0.312
Southwest	29.86	26.93	0.104	22.41	20.65	0.316
	30.01 ^a	26.15	0.037	23.71 ^b	20.38	0.074
Kansas						
Kansas City Metro	32.72 ^a	29.37	0.004	24.82 ^a	20.63	0.000
Northeast	35.18 ^a	31.63	0.035	25.79 ^a	21.20	0.004
South Central	34.37	31.49	0.101	28.42 ^a	23.92	0.017
Southeast	27.79	26.79	0.563	22.27 ^a	18.94	0.046
West	31.52 ^a	26.39	0.011	24.15 ^a	20.04	0.029
Wichita (Sedgwick)	31.39	28.17	0.116	23.26	21.04	0.237
	31.73 ^a	26.57	0.005	22.26 ^a	16.98	0.002
Kentucky						
Adanta, Cumberland River, and Lifeskills	28.42 ^a	25.77	0.024	18.98	17.52	0.153
Bluegrass, Comprehend, and North Key	26.92 ^a	22.73	0.020	18.07 ^a	14.63	0.022
Communicare and River Valley	29.77	29.38	0.831	19.00	20.37	0.376
Four Rivers and Pennyroryal	27.90	26.67	0.502	19.29	17.94	0.413
Kentucky River, Mountain, and Pathways	29.39 ^a	23.53	0.003	19.04	16.67	0.142
Seven Counties	24.16 ^a	20.41	0.032	17.29	15.25	0.196
	30.08 ^b	26.55	0.057	20.46 ^a	17.26	0.038
Louisiana						
Regions 1 and 3	28.75	29.01	0.831	18.02	17.26	0.454
Regions 2 and 9	--	29.49	--	--	17.69	--
Regions 4, 5, and 6	30.89	30.98	0.961	18.98	18.44	0.717
Regions 7 and 8	--	27.94	--	--	16.77	--
Region 10 (Jefferson)	26.02	26.98	0.610	16.41	15.63	0.610
	31.35	29.84	0.454	18.57	17.98	0.739

See notes at end of table.

(continued)

Table 5. *Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)*

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20			Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Maine						
Aroostook/Downeast	31.36 ^a	29.06	0.048	21.41 ^b	19.70	0.097
Central	29.95	27.61	0.207	21.29	20.05	0.465
Cumberland	29.56 ^a	24.15	0.007	20.40 ^a	15.25	0.002
Midcoast	34.47 ^b	31.29	0.063	23.57	22.09	0.347
Penquis	30.20 ^b	26.88	0.067	19.11	17.97	0.501
Western	34.53	32.18	0.245	24.23	23.44	0.665
York	29.37	29.46	0.962	20.13 ^b	17.42	0.099
	29.84	29.62	0.902	19.90	20.03	0.937
Maryland	26.50	27.28	0.453	15.82	16.92	0.203
Anne Arundel	29.82	29.96	0.938	19.16	20.49	0.405
Baltimore City	23.95	23.80	0.930	12.75	14.78	0.105
Baltimore County	26.80 ^b	30.35	0.052	15.30 ^a	19.30	0.011
Montgomery	28.23	26.58	0.348	15.78	16.38	0.678
North Central	30.68	29.36	0.469	19.33	19.07	0.879
Northeast	29.40	29.98	0.764	19.75	19.30	0.808
Prince George's	19.94 ^a	22.88	0.048	10.81	12.15	0.262
South	27.90	27.08	0.624	18.44	16.91	0.328
West	27.51 ^b	30.56	0.100	17.27	18.81	0.328
Massachusetts	33.26	32.86	0.755	24.25	23.99	0.833
Boston	32.44	33.72	0.462	20.73 ^b	23.79	0.097
Central	33.20	33.17	0.989	26.30	24.73	0.402
Metrowest	33.32	33.07	0.898	24.35	24.01	0.855
Northeast	32.75	31.88	0.668	23.84	24.34	0.784
Southeast	33.57	30.96	0.170	22.96	21.27	0.338
Western	34.17	35.28	0.517	27.55	26.51	0.601

See notes at end of table.

(continued)

Table 5. *Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)*

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20			Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Michigan[†]						
Detroit City	29.01	28.91	0.887	19.97 ^a	18.69	0.034
Genesee	19.05	19.05	0.997	10.96	9.67	0.184
Kalamazoo	27.69 ^b	24.98	0.083	19.00 ^a	14.66	0.001
Kent	29.56	30.61	0.517	20.38	20.31	0.961
Lakeshore	30.26 ^a	26.54	0.022	20.51 ^a	16.50	0.007
Macomb	28.87	28.26	0.713	19.90 ^b	17.50	0.078
Mid South	31.98 ^a	28.74	0.031	21.71 ^a	18.35	0.013
Northern	32.18 ^b	35.10	0.063	23.26 ^b	25.87	0.052
Oakland	29.13 ^a	32.68	0.023	21.34	21.24	0.941
Pathways and Western	30.03	27.82	0.101	20.03 ^a	17.22	0.024
Riverhaven	--	36.36	--	--	26.44	--
Saginaw	31.08	31.11	0.986	22.18	20.65	0.365
Southeast	29.63	30.64	0.572	19.51	19.93	0.797
St. Clair	28.58	27.34	0.353	20.19	18.36	0.131
Washtenaw	30.64	29.30	0.434	21.43	19.36	0.235
Washtenaw	31.52 ^b	34.37	0.072	20.95	21.91	0.537
Minnesota						
Regions 1 and 2	30.80	29.11	0.146	22.06	21.15	0.406
Regions 3 and 4	32.99	35.15	0.292	26.17	26.19	0.994
Regions 5 and 6	30.28	29.98	0.872	22.49	21.31	0.504
Region 7A (Hennepin)	33.49	30.89	0.169	25.02	23.54	0.423
Region 7B (Ramsey)	30.00	27.02	0.105	19.55	18.99	0.718
Region 7C	28.30	26.56	0.354	18.96	18.24	0.672
Region 7C	29.52	27.21	0.144	20.64	19.88	0.630
Mississippi						
Region 1	23.32 ^b	21.50	0.077	15.17	14.69	0.570
Region 2	22.09	24.35	0.174	14.11 ^a	17.09	0.027
Region 3	22.01 ^a	18.59	0.028	13.82	12.26	0.211
Region 4	23.17 ^a	19.98	0.037	14.87	13.88	0.470
Region 5	23.65 ^a	20.30	0.045	14.50	13.23	0.328
Region 6	20.54	19.05	0.356	12.90	11.91	0.431
Region 7	23.12	23.38	0.878	15.92	15.42	0.714
Region 7	27.22 ^a	23.04	0.015	19.37	16.96	0.138

See notes at end of table.

(continued)

Table 5. *Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)*

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20			Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Missouri						
Central	31.40 ^a	27.36	0.001	21.77 ^a	18.84	0.004
Eastern	33.01	31.80	0.559	23.83 ^b	20.79	0.093
Eastern (St. Louis City and County)	32.36 ^a	27.88	0.003	22.14 ^a	19.22	0.015
Eastern (excluding St. Louis)	30.56 ^a	26.01	0.009	20.35 ^a	17.30	0.027
Northwest	35.61 ^a	31.13	0.037	25.37	22.57	0.125
Northwest (Jackson)	30.55 ^a	25.35	0.001	21.83 ^a	19.05	0.045
Northwest (excluding Jackson)	28.07 ^a	23.65	0.022	18.57	16.40	0.175
Southeast	32.67 ^a	26.73	0.002	24.61 ^b	21.20	0.063
Southwest	31.77 ^b	27.90	0.060	20.57	18.25	0.174
Montana	28.65 ^a	24.56	0.027	19.82 ^a	16.18	0.023
Region 1	35.01 ^b	32.73	0.074	27.15 ^a	23.69	0.004
Region 2	33.58	31.44	0.338	26.10	22.74	0.116
Region 3	32.43	30.28	0.295	24.26 ^a	19.69	0.017
Region 4	35.04 ^a	28.34	0.001	27.09 ^a	19.91	0.000
Region 5	36.35	36.45	0.952	28.06	27.55	0.774
Nebraska	35.60	33.99	0.403	28.23 ^b	25.09	0.098
Regions 1 and 2	33.03 ^a	30.27	0.023	23.86 ^a	19.82	0.000
Region 1	33.49 ^a	28.91	0.014	24.02 ^a	17.62	0.000
Region 2	--	28.68	--	--	16.93	--
Region 3	--	29.12	--	--	18.23	--
Region 4	--	--	--	--	--	--
Region 5	32.80	32.07	0.725	22.91	20.09	0.117
Region 6	31.15	30.39	0.695	24.04	22.18	0.308
Region 7	37.00 ^a	32.41	0.011	28.62 ^a	23.48	0.002
Region 8	31.04	28.69	0.139	20.98 ^a	17.33	0.010
Nevada						
Clark	25.79	25.22	0.658	17.59	17.30	0.792
Rural	24.19	23.68	0.734	15.75	15.56	0.880
Washoe	29.26	29.65	0.834	21.47	21.94	0.792

See notes at end of table.

(continued)

Table 5. *Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)*

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20			Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
New Hampshire	32.98	34.07	0.349	23.47	24.70	0.242
Central	33.63 ^b	36.49	0.056	24.14 ^a	27.12	0.041
Central 1	33.74	36.41	0.158	25.16	27.30	0.254
Central 2	33.51 ^b	36.57	0.095	23.05 ^a	26.93	0.028
Northern	36.99	39.79	0.185	28.86	29.51	0.738
Southern	31.78	31.67	0.935	21.94	22.50	0.647
Southern 1 (Rockingham)	32.19	33.56	0.450	21.88	23.16	0.431
Southern 2	31.54	30.56	0.544	21.98	22.11	0.931
New Jersey	30.72	28.71	0.115	19.44	18.95	0.647
Central	30.73	31.21	0.809	21.07	22.36	0.463
Metropolitan	29.61 ^b	26.44	0.069	17.26	15.02	0.110
Northern	30.22	27.57	0.150	18.60	17.54	0.494
Southern	32.62	30.11	0.198	21.36	21.61	0.875
New Mexico	28.59	28.36	0.849	19.37	18.39	0.366
Region 1	24.84	25.08	0.879	18.16	17.57	0.683
Region 2	30.33	28.91	0.475	20.52 ^b	17.43	0.093
Region 3 (Bernalillo)	29.35	28.07	0.477	19.10	18.09	0.516
Region 4	28.04	27.75	0.883	18.70	17.72	0.566
Region 5	30.57	32.35	0.351	20.60	20.74	0.940

See notes at end of table.

(continued)

Table 5. *Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)*

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20			Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
New York						
Region A	31.41	31.84	0.548	20.75	20.47	0.668
Region 1	26.64	27.70	0.285	16.11	15.81	0.715
Region 2	26.05	28.52	0.148	14.20	15.29	0.407
Region 3	25.30	27.02	0.236	15.58	14.85	0.533
Region 4	34.78	34.99	0.918	22.62	21.71	0.615
Region 5	24.61	24.11	0.735	14.75	14.53	0.860
Region B	33.41	32.41	0.361	22.09	21.67	0.669
Region 6	33.86	33.66	0.895	21.99	22.73	0.592
Region 7	32.57 ^a	28.94	0.023	21.75 ^a	18.57	0.033
Region C	33.25	33.62	0.836	22.85	22.91	0.971
Region 8	35.65	35.69	0.964	25.32	24.28	0.251
Region 9	37.36	37.30	0.974	27.42 ^b	24.41	0.090
Region 10	34.88	34.93	0.976	24.71	22.97	0.252
Region 11	35.13 ^a	40.91	0.001	24.64	26.90	0.179
Region 12	31.59	30.90	0.658	22.38	21.51	0.538
Region D	39.06	37.32	0.308	27.22	26.84	0.826
Region 13	35.32 ^b	37.44	0.089	24.98	26.52	0.224
Region 14	33.40 ^a	37.80	0.032	23.31	24.61	0.488
Region 15	35.04 ^b	38.54	0.065	26.55	28.60	0.284
Region 16	37.21	36.11	0.534	24.92	26.26	0.463
North Carolina						
Eastern	23.73	23.98	0.806	15.24	15.09	0.875
North Central	24.69	25.63	0.563	16.14	16.81	0.632
South Central	22.46	24.49	0.242	13.88	15.16	0.335
Western	22.62	21.84	0.631	14.28	13.78	0.683
North Dakota						
Badlands and West Central	24.93	24.26	0.652	16.43	15.01	0.288
Lake Region and South	39.26	38.62	0.635	30.11	28.75	0.277
Central	37.64	35.83	0.333	29.32 ^a	25.28	0.028
North Central and Northwest	30.84	32.49	0.359	24.70	26.41	0.363
Northeast	37.93 ^b	34.31	0.089	29.54 ^b	26.08	0.073
Southeast	43.50	43.11	0.856	33.26	33.82	0.787
	44.13	44.43	0.873	32.56	31.70	0.638

See notes at end of table.

(continued)

Table 5. Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20			Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Ohio						
Boards 2, 46, 55, and 68	29.80	29.98	0.790	21.15	21.12	0.973
Boards 3, 52, and 85	28.13	28.71	0.726	20.01	22.10	0.208
Boards 4 and 78	28.88	30.07	0.481	20.48	20.76	0.860
Boards 5 and 60	29.77	27.34	0.135	21.46	19.73	0.269
Boards 7, 15, 41, 79, and 84	29.83	31.20	0.387	23.37	22.85	0.751
Boards 8, 13, and 83	30.38	27.50	0.109	22.32 ^a	18.44	0.020
Board 9 (Butler)	29.58	27.39	0.195	19.75	19.57	0.902
Board 12	31.03	31.84	0.607	23.72	23.64	0.960
Board 12	26.57 ^a	34.17	0.000	19.74 ^a	24.38	0.004
Boards 18 and 47	28.41	28.57	0.906	20.34	19.74	0.628
Boards 20, 32, 54, and 69	31.90	31.00	0.618	23.29	22.21	0.523
Boards 21, 39, 51, 70, and 80	30.33	27.81	0.114	20.93	19.76	0.432
Boards 22, 74, and 87	34.26	36.93	0.124	26.69	29.28	0.181
Boards 23 and 45	30.20	31.42	0.491	23.67	22.59	0.526
Board 25 (Franklin)	30.78	31.47	0.608	21.29	21.64	0.784
Boards 27, 71, and 73	25.22	22.86	0.171	18.19	17.41	0.612
Boards 28, 43, and 67	34.32	34.09	0.894	25.45	24.66	0.612
Board 31 (Hamilton)	31.17	31.12	0.980	20.38	20.64	0.847
Board 48 (Lucas)	29.61	30.70	0.482	19.84	18.90	0.517
Boards 50 and 76	30.15	28.85	0.405	20.94	20.73	0.887
Board 57 (Montgomery)	27.15 ^a	30.73	0.030	17.61 ^b	20.19	0.076
Board 77 (Summit)	29.76	28.41	0.408	19.96	19.78	0.904
Oklahoma						
Central	25.74	24.50	0.265	18.33	17.20	0.287
East Central	25.76	23.65	0.236	19.60	17.89	0.333
Northeast	24.13	25.90	0.333	17.38	16.50	0.585
Northwest and Southwest	26.12	26.16	0.981	18.96	18.96	1.000
Oklahoma County	28.73 ^b	25.38	0.065	20.21	18.52	0.337
Southeast	23.71	24.78	0.565	16.43	16.17	0.872
Tulsa County	24.14	23.29	0.639	16.78	16.76	0.989
Oregon	27.45 ^a	22.61	0.003	19.30 ^a	16.08	0.039
Region 1 (Multnomah)	29.65	30.33	0.586	19.53	19.59	0.958
Region 2	30.49	31.33	0.668	19.52	19.25	0.877
Region 3	28.53	27.47	0.571	18.02	16.19	0.224
Region 4	29.62	30.94	0.417	20.38	21.81	0.342
Region 5 (Central)	29.27	31.36	0.338	18.92	20.61	0.345
Region 6 (Eastern)	--	36.21	--	--	20.44	--
	--	28.03	--	--	18.30	--

See notes at end of table.

(continued)

Table 5. *Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)*

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20			Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Pennsylvania						
Region 1 (Allegheny)	29.51	29.08	0.503	20.46 ^a	19.21	0.039
Regions 2, 3, 8, and 9	33.86 ^b	31.48	0.092	22.74	21.35	0.298
Regions 4, 11, 37, and 49	32.04	32.65	0.708	23.62	21.98	0.317
Regions 5, 18, 23, 24, and 46	29.57	30.00	0.770	20.21	19.66	0.705
Regions 6, 12, 16, 31, 35, 39, 45, and 47	25.21	26.87	0.282	16.88	15.33	0.237
Regions 7, 13, 20, and 33	33.60	35.99	0.141	25.86	23.96	0.276
Regions 10, 14, 15, 27, 32, 43, and 44	32.28	32.10	0.889	23.07	23.24	0.895
Regions 17 and 21	27.94	28.47	0.765	19.81	19.85	0.979
Regions 19, 26, 28, and 42	33.07	32.47	0.721	23.72	22.28	0.390
Regions 22, 38, 40, 41, and 48	27.86 ^a	23.07	0.000	17.84 ^a	12.54	0.000
Regions 25 and 30	28.30	27.25	0.503	19.97	18.47	0.322
Regions 29 and 34	30.32	30.72	0.819	22.22	20.09	0.176
Region 36 (Philadelphia)	28.33	27.94	0.810	19.43	18.06	0.347
	22.90	23.47	0.683	14.35	14.60	0.825
Rhode Island						
Bristol and Newport	36.42	37.84	0.302	25.03	25.38	0.779
Kent	38.39	40.65	0.297	29.34	30.13	0.705
Providence	32.99	31.79	0.583	22.48 ^b	19.05	0.070
Washington	36.09	38.27	0.206	23.74	25.25	0.330
	39.80	39.51	0.883	29.78	28.07	0.418
South Carolina						
Region 1	23.39	23.90	0.648	15.35	14.06	0.136
Region 2	22.12	22.61	0.750	14.47	12.53	0.131
Region 3	25.24	24.51	0.639	16.71	15.20	0.213
Region 4	19.86	21.10	0.429	12.92	12.04	0.453
	24.77	26.15	0.420	16.22	15.43	0.577
South Dakota						
Region 1	36.34 ^a	31.29	0.000	25.76 ^a	22.54	0.003
Region 2	36.93 ^b	33.67	0.095	27.46	26.58	0.636
Region 3	37.39 ^a	30.28	0.000	26.59 ^a	20.25	0.000
Region 4	37.72 ^b	35.51	0.080	26.49	25.07	0.452
Region 5	37.74	35.23	0.219	27.52	25.32	0.292
Region 6	38.26 ^a	30.00	0.000	27.59 ^a	22.26	0.004
Region 7	32.62 ^a	26.30	0.001	22.81 ^a	18.45	0.017
	31.37 ^a	26.44	0.013	21.25	19.41	0.280

See notes at end of table.

(continued)

Table 5. Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20			Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Tennessee						
Region 1	23.69 ^b	21.93	0.078	14.52	14.87	0.676
Region 2	25.22 ^b	22.29	0.094	14.60	16.41	0.215
Region 3	23.72	21.52	0.187	14.11	15.10	0.453
Region 4 (Davidson)	24.83	24.76	0.965	16.29	17.48	0.427
Region 5	24.55	24.74	0.911	13.11	15.16	0.131
Region 6	24.72	23.14	0.307	16.02	14.87	0.361
Region 7 (Shelby)	22.15 ^b	19.12	0.056	14.09	14.06	0.981
	20.92 ^b	18.26	0.078	12.13	12.02	0.919
Texas	26.90 ^a	25.48	0.037	17.34	16.53	0.168
Region 1	31.61	32.34	0.697	22.40	24.00	0.366
Region 2	29.59	32.10	0.211	19.02 ^b	22.28	0.067
Region 3	24.88 ^b	23.17	0.090	16.53 ^a	14.26	0.010
Region 3a	23.93	21.99	0.106	14.84 ^a	12.45	0.028
Region 3bc	26.55	25.19	0.361	19.50	17.39	0.109
Region 4	26.33	23.82	0.144	17.89	15.50	0.105
Region 5	26.27	24.40	0.231	16.51	15.00	0.288
Region 6	25.32	23.99	0.248	15.03	15.63	0.527
Region 6a	25.10	23.73	0.268	14.56	15.50	0.362
Region 6bc	27.18	26.18	0.538	19.02	16.72	0.126
Region 7	30.51	31.32	0.545	18.94	19.76	0.484
Region 7a	30.16	30.78	0.731	18.39	18.87	0.748
Region 7bcd	30.97	32.03	0.504	19.67	20.93	0.423
Region 8	28.73	27.62	0.476	19.24	17.98	0.371
Region 9	26.86	24.21	0.141	18.32	16.96	0.404
Region 10	27.28	25.69	0.365	18.85	17.01	0.254
Region 11	27.62 ^a	23.04	0.001	17.95 ^b	15.82	0.061
Region 11abd	29.80 ^a	23.49	0.000	19.45 ^a	16.47	0.038
Region 11c (Hidalgo)	23.70	22.27	0.376	15.25	14.70	0.701
Utah	20.22 ^a	15.42	0.000	15.18 ^a	12.49	0.015
Bear River, Northeastern, Summit, Tooele, and Wasatch	22.20 ^a	16.55	0.002	17.16 ^b	14.16	0.077
Central, Four Corners, San Juan, and Southwest	16.68 ^b	13.89	0.071	13.97	12.04	0.200
Davis County	20.86 ^a	13.50	0.000	17.09 ^a	11.95	0.002
Salt Lake County	22.95 ^a	18.09	0.008	15.88 ^b	13.28	0.077
Utah County	14.53 ^a	11.05	0.025	11.36	10.05	0.330
Weber, Morgan	22.65	19.34	0.110	17.22	14.62	0.128

See notes at end of table.

(continued)

Table 5. *Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)*

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20			Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Vermont	36.11 ^a	38.74	0.025	26.10 ^b	28.02	0.077
Champlain Valley	38.82	41.02	0.121	28.88 ^a	32.43	0.024
Rural Northeast	34.22 ^a	38.75	0.014	25.02	25.71	0.668
Rural Southeast	34.04 ^b	37.39	0.076	23.40	25.32	0.292
Rural Southwest	34.38	33.94	0.825	23.75	22.29	0.444
Virginia	27.06	26.42	0.557	18.60	18.20	0.665
Region 1	--	32.35	--	--	21.59	--
Region 2	25.95 ^a	21.76	0.009	18.24 ^b	15.86	0.090
Region 3	29.19	28.98	0.902	20.79	21.48	0.660
Region 4	--	25.01	--	--	17.12	--
Region 5	25.63	26.29	0.684	17.00	16.78	0.873
Washington	30.02	30.71	0.557	20.31	19.78	0.592
Region 1	33.09	35.73	0.165	22.28	23.66	0.425
Region 2	25.76	26.16	0.828	19.32	16.94	0.138
Region 3	29.45	29.33	0.945	21.75	19.22	0.115
Region 4 (King)	30.15	31.24	0.530	18.51	19.46	0.512
Region 5	29.73	30.45	0.691	19.75	18.86	0.577
Region 6	30.73	30.40	0.857	21.03	20.39	0.685
West Virginia	27.85 ^a	25.19	0.027	20.01 ^a	17.85	0.036
Eastern Highland	27.37 ^a	23.32	0.012	18.26 ^b	15.86	0.096
Northern	32.46 ^b	29.50	0.074	25.35	23.02	0.153
Northern A and B	29.69 ^b	25.95	0.060	21.23	20.21	0.566
Northern C and D	33.66	31.00	0.166	27.13	24.21	0.147
South Central	26.79	24.93	0.202	18.52	17.04	0.198
South Central I	25.23	23.53	0.337	17.79	17.13	0.687
South Central II	26.85	27.44	0.763	19.48	18.54	0.584
South Central III	27.75 ^a	24.03	0.041	18.28	15.91	0.113
Southern	23.42 ^b	20.94	0.084	16.87 ^a	13.47	0.004
Southern I and III	23.49	21.02	0.157	16.64 ^a	13.03	0.011
Southern II	23.28	20.78	0.140	17.33 ^a	14.33	0.046

See notes at end of table.

(continued)

Table 5. Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20			Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Wisconsin						
Milwaukee	37.32 ^a	31.68	0.000	26.17 ^a	21.79	0.000
Northeastern	32.32 ^a	25.69	0.000	20.86 ^a	15.86	0.000
Northern	39.75 ^a	35.29	0.029	26.05	23.53	0.203
Southeastern	37.33	34.04	0.148	25.91	23.19	0.188
Southern	39.62 ^a	31.00	0.000	29.21 ^a	21.59	0.000
Western	35.86 ^b	32.08	0.052	25.22	24.43	0.673
	38.32 ^a	32.74	0.006	29.79 ^a	22.45	0.000
Wyoming						
Judicial District 1 (Laramie)	33.95	32.48	0.299	24.09	23.62	0.722
Judicial District 2	34.24 ^b	30.44	0.065	22.59	19.78	0.146
Judicial District 3	39.16 ^a	44.10	0.037	28.02 ^a	35.96	0.001
Judicial District 4	32.92	31.52	0.499	24.13	24.10	0.988
Judicial District 5	31.47	30.69	0.709	23.61	21.32	0.292
Judicial District 6	33.99 ^a	28.90	0.024	23.50	22.13	0.522
Judicial District 7 (Natrona)	32.94	30.26	0.211	24.55	21.38	0.118
Judicial District 8	34.24	35.97	0.429	23.67	24.03	0.861
Judicial District 9	33.61	29.63	0.102	23.55	22.98	0.795
	32.01	29.30	0.189	23.34	21.06	0.248

-- Not available. These regions were not defined consistently across the two time periods, 2004-2006 and 2006-2008; hence, the 2004-2006 estimates and p values are not available for these regions. The definitions of the substate regions listed in this table are provided in Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

[†] Names of some of the substate regions for this State have changed across the two time periods (2004-2006 vs. 2006-2008). For details, see Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

^{**} A separate Kauai estimate is not being reported because of low precision. For more details, see Table D12 of Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

NOTE: p value: Bayes posterior probability of no change.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

^a Difference between the 2006-2008 estimate and the 2004-2006 estimate is statistically significant at the 0.05 level.

^b Difference between the 2006-2008 estimate and the 2004-2006 estimate is statistically significant at the 0.10 level.

¹ 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.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, 2006, 2007, and 2008.

Table 6. Cigarette Use in Past Month, Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs

State/Substate Region	Cigarette Use in Past Month			Tobacco Product Use in Past Month ¹			Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Total United States	25.00 ^b	24.55	0.067	29.49 ^b	29.03	0.069	74.13 ^a	73.65	0.048
Northeast	24.22 ^a	22.81	0.001	28.22 ^a	26.89	0.003	75.57 ^b	76.30	0.090
Midwest	27.52 ^a	26.80	0.038	32.39 ^b	31.69	0.060	71.64 ^a	70.72	0.010
South	26.37	26.02	0.297	31.48	30.93	0.112	73.25	72.71	0.119
West	21.02	21.49	0.259	24.53	25.20	0.133	76.80 ^a	75.84	0.021
Alabama	28.21	28.44	0.848	34.40	34.35	0.966	71.55 ^a	68.76	0.027
Region 1	28.67	30.27	0.400	35.37	36.65	0.524	70.13 ^b	66.51	0.073
Region 2	29.06	27.94	0.538	35.24	34.30	0.639	71.88	70.45	0.438
Region 3	25.55	25.34	0.914	31.03	31.11	0.971	72.05	69.25	0.153
Region 4	28.58	29.38	0.664	34.70	34.14	0.770	72.46 ^a	68.75	0.049
Alaska	25.38	24.55	0.501	30.87	30.10	0.558	71.15	71.42	0.839
Gulf Coast	25.19	24.72	0.810	30.24	29.73	0.813	69.63	69.19	0.851
Rural	29.59 ^a	35.75	0.010	38.59 ^b	43.44	0.096	64.24	62.25	0.432
Southeast	24.64	24.64	0.998	29.73	30.57	0.713	73.83	72.00	0.396
Urban	24.86	22.85	0.178	29.91	28.12	0.248	72.10	73.06	0.532
Arizona	23.35	24.70	0.274	27.40	28.53	0.370	75.88	74.10	0.101
Maricopa	22.92	23.93	0.500	27.06	27.81	0.631	76.80	75.72	0.408
Pima	23.90	23.26	0.730	27.80	26.76	0.580	76.13	74.41	0.321
Rural North	24.58	27.61	0.136	28.73	32.03	0.113	72.14	68.98	0.137
Rural South	23.61 ^b	27.48	0.061	27.24 ^b	30.98	0.075	74.60 ^b	70.74	0.055
Arkansas	28.36 ^a	31.05	0.026	35.05	36.03	0.439	71.81 ^b	69.81	0.081
Areas 1 and 2	26.12 ^a	29.88	0.050	32.33	35.01	0.184	71.96 ^b	68.63	0.093
Areas 3 and 4	31.33	33.16	0.377	38.04	38.33	0.895	70.82	68.35	0.224
Areas 5 and 6	29.25	32.31	0.119	36.66	37.34	0.762	70.02	67.89	0.287
Areas 7, 12, and 13	28.07 ^a	33.69	0.010	34.86 ^b	38.57	0.092	72.05	70.37	0.367
Areas 8, 10, and 11	28.04	28.86	0.693	35.38	34.69	0.756	72.95	70.68	0.257
Area 9	27.37	29.04	0.396	33.26	33.09	0.932	73.19	73.03	0.931

See notes at end of table.

(continued)

Table 6. Cigarette Use in Past Month, Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs
(continued)

State/Substate Region	Cigarette Use in Past Month			Tobacco Product Use in Past Month ¹			Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
California	18.92	19.74	0.192	21.89	22.89	0.150	78.05	77.31	0.244
Region 1	25.88	25.00	0.649	31.08	29.89	0.562	72.96	73.09	0.948
Region 2	20.91	21.22	0.826	25.35	26.89	0.297	75.78	76.99	0.419
Region 3	21.27	22.77	0.378	25.01	26.51	0.366	75.76	74.73	0.529
Region 4	17.32	19.70	0.117	20.58	23.23	0.116	80.60	79.82	0.615
Region 5	17.27	16.81	0.721	20.47	20.76	0.833	78.60	78.07	0.729
Region 6 (Santa Clara)	16.10	16.44	0.797	18.29	19.08	0.573	79.32	78.05	0.429
Region 7	18.53	20.85	0.156	21.14	23.69	0.106	77.53	76.33	0.461
Region 8	18.21	19.88	0.253	21.33	23.66	0.157	76.36	74.60	0.257
Region 9	21.42	22.78	0.398	25.92	27.10	0.499	74.73	74.51	0.900
Region 10	17.41	19.37	0.171	20.72	22.55	0.255	78.83	78.02	0.633
Region 11 (Los Angeles)	18.40	18.94	0.587	20.19	20.74	0.606	79.29	78.12	0.252
Region 12	19.56	20.30	0.591	22.72	23.62	0.544	77.44	75.86	0.290
Region 13 (Riverside)	20.18	21.93	0.267	24.28	25.16	0.593	77.25	76.96	0.849
Region 14 (Orange)	18.45	18.71	0.837	21.58	21.68	0.939	78.19	78.10	0.952
Region 15	18.98	19.69	0.582	21.81	22.38	0.679	78.53	77.89	0.626
Colorado	22.92 ^b	25.07	0.058	27.46 ^a	29.94	0.043	75.52	75.46	0.958
Region 1	22.96	24.92	0.264	28.95	31.38	0.225	74.54	74.04	0.780
Regions 2 and 7	22.54	24.67	0.143	26.31 ^b	29.06	0.062	76.65	76.53	0.937
Region 3	22.75	24.61	0.299	28.38	29.07	0.720	73.62	74.76	0.550
Region 4	24.79	26.84	0.303	30.27	32.01	0.403	74.16	74.05	0.956
Regions 5 and 6	24.05	26.89	0.173	28.95 ^b	32.74	0.073	74.06	73.38	0.731
Connecticut	22.21	21.35	0.448	26.27	25.97	0.790	76.28	77.96	0.138
Eastern	25.35	25.55	0.917	29.37	29.75	0.857	73.80	75.04	0.515
North Central	23.66	22.20	0.406	27.70	26.28	0.408	76.37	77.84	0.380
Northwestern	21.87	20.14	0.320	26.24	24.88	0.481	75.77	77.48	0.370
South Central	20.81	20.41	0.810	25.22	26.26	0.549	77.14	78.59	0.382
Southwest	20.20	19.63	0.745	23.60	23.71	0.954	77.08	79.73	0.133
Delaware	24.95	25.31	0.768	28.75	29.10	0.778	75.37	74.68	0.549
Kent	26.66	26.43	0.905	30.92	30.28	0.751	74.15	72.92	0.511
New Castle (excluding Wilmington City)	22.47	23.09	0.681	26.31	26.49	0.905	77.04	76.75	0.843
Sussex	29.05	28.61	0.839	32.70	33.18	0.831	71.76	70.84	0.648
Wilmington City	26.67	28.13	0.502	29.81	32.20	0.296	76.21	75.23	0.620

See notes at end of table.

(continued)

Table 6. Cigarette Use in Past Month, Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs
(continued)

State/Substate Region	Cigarette Use in Past Month			Tobacco Product Use in Past Month ¹			Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
District of Columbia	24.72	26.12	0.224	27.86	28.90	0.383	78.02	78.60	0.586
Ward 1	27.33	27.47	0.948	28.73	28.80	0.972	78.59	79.84	0.439
Ward 2	26.31	26.31	0.998	29.64	29.55	0.962	79.62	80.02	0.798
Ward 3	21.52	22.91	0.441	24.55	26.46	0.291	80.74	81.43	0.665
Ward 4	19.41	21.42	0.298	22.64	23.70	0.598	79.89	79.85	0.981
Ward 5	23.47	26.07	0.216	27.65	29.27	0.419	75.73	77.19	0.417
Ward 6	25.26	23.57	0.443	29.36	28.06	0.558	78.25	79.44	0.500
Ward 7	25.37 ^b	29.58	0.065	28.55	31.61	0.190	74.92	75.40	0.813
Ward 8	31.02	33.33	0.320	33.69	35.17	0.516	74.31	74.25	0.972
Florida[†]	23.99	23.81	0.796	28.38	28.32	0.937	76.24	75.57	0.331
Region A - Northwest	27.43	25.47	0.124	33.64	31.72	0.168	74.28	73.92	0.763
Circuit 1	27.70	25.06	0.164	33.63	30.50	0.125	74.08	73.42	0.703
Circuit 2	24.74	23.92	0.630	31.32	31.00	0.865	76.56	76.68	0.939
Circuit 14	30.54	28.45	0.327	36.89	35.54	0.544	71.59	71.52	0.972
Region B - Northeast	26.49	27.23	0.531	31.51	32.77	0.313	74.70	73.24	0.209
Circuits 3 and 8	29.25	29.48	0.902	35.60	35.74	0.945	72.01	70.76	0.496
Circuit 4	26.06	25.75	0.859	30.76	30.63	0.944	75.76	74.79	0.549
Circuit 7	25.05	27.63	0.166	29.51 ^a	33.57	0.038	75.22	72.88	0.192
Region C - Central	24.51	25.07	0.564	29.53	29.63	0.924	75.20	74.25	0.310
Circuit 5	23.98	25.97	0.298	29.83	30.93	0.566	74.76	73.83	0.597
Circuit 9	23.81	23.66	0.925	27.83	26.75	0.482	76.21	75.72	0.753
Circuit 10	26.61	27.25	0.750	31.68	32.85	0.568	71.68	72.42	0.692
Circuit 18	24.08	23.88	0.897	29.30	28.72	0.730	76.58	74.59	0.242
Circuit 19	25.10	25.95	0.647	30.64	31.34	0.723	75.61	73.33	0.232
Region D - Southeast	--	21.99	--	--	25.33	--	--	77.76	--
Circuit 15 (Palm Beach)	22.93	22.73	0.902	26.15	26.65	0.767	76.10	77.53	0.359
Circuit 17 (Broward)	21.11	21.45	0.818	24.36	24.35	0.997	77.53	77.93	0.777
Region E - Sun Coast	25.19	24.08	0.272	29.95	29.27	0.520	75.56	75.16	0.687
Circuit 6	26.25	23.86	0.165	30.84	29.36	0.421	73.88	74.64	0.663
Circuit 12	22.46 ^b	26.32	0.051	27.04 ^b	30.53	0.095	76.89	74.39	0.203
Circuit 13 (Hillsborough)	25.50	23.26	0.177	30.24	28.06	0.197	76.75	76.96	0.880
Circuit 20	25.34	23.73	0.356	30.45	29.54	0.617	75.62	74.51	0.516
Region F - Southern (Circuits 11 and 16)	19.59	19.02	0.670	22.15	21.71	0.747	80.71	79.20	0.256

See notes at end of table.

(continued)

Table 6. Cigarette Use in Past Month, Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Cigarette Use in Past Month			Tobacco Product Use in Past Month ¹			Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Georgia	24.62	25.72	0.334	30.40	31.66	0.327	75.36 ^a	72.68	0.021
Region 1	27.80	26.72	0.616	36.09	34.27	0.389	70.63	68.66	0.342
Region 2	25.58	26.62	0.604	31.44	33.69	0.265	74.62 ^a	70.90	0.042
Region 3	21.67	23.20	0.315	26.54	28.51	0.261	78.29	76.15	0.156
Region 4	27.69	26.40	0.532	32.75	31.16	0.441	75.63 ^b	72.36	0.089
Region 5	26.64 ^a	31.10	0.023	33.40 ^b	37.16	0.088	71.45 ^b	68.11	0.100
Hawaii	19.68	20.95	0.271	22.36	23.22	0.482	74.25	74.08	0.902
Hawaii Island	21.46	24.19	0.130	24.12	26.32	0.285	75.65	73.99	0.411
Honolulu	19.28	20.32	0.431	22.01	22.58	0.685	73.92	74.16	0.882
Kauai and Maui**	20.03	21.01	0.548	22.55	23.49	0.591	74.62	73.81	0.666
Maui	20.22	20.86	0.739	22.86	23.47	0.760	75.21	74.30	0.676
Idaho	22.97	21.86	0.283	27.18	25.68	0.170	73.94	74.21	0.796
Region 1	24.75	25.81	0.602	29.98	30.48	0.808	72.44	74.03	0.412
Region 2	23.36	22.04	0.481	28.76 ^b	25.51	0.092	74.88	74.52	0.858
Region 3	23.10	21.80	0.445	27.87	25.59	0.208	73.31	72.67	0.721
Region 4	23.86	23.14	0.664	27.70	27.09	0.722	74.82	74.29	0.747
Region 5	23.18	21.50	0.360	27.40	25.04	0.225	74.50	75.09	0.754
Region 6	22.03	21.09	0.567	25.27	24.17	0.535	72.69	73.51	0.642
Region 7	19.01 ^a	15.23	0.010	22.24 ^a	18.88	0.037	74.46	75.83	0.417
Illinois	26.59	25.53	0.124	30.81	29.79	0.168	74.53	73.93	0.383
Region I (Cook)	26.63	25.07	0.157	29.76	28.29	0.205	76.06	75.50	0.602
Region II	24.47	23.25	0.230	28.97	27.89	0.320	75.13	75.34	0.837
Region III	27.01	27.76	0.597	33.53	33.61	0.959	72.23	70.76	0.305
Region IV	29.67	29.46	0.907	35.61	34.78	0.639	69.79	69.01	0.661
Region V	30.21	29.42	0.621	34.42	34.12	0.860	72.17	70.05	0.168
Indiana	28.03	27.60	0.699	33.12	33.08	0.974	69.81	68.98	0.486
Central	27.30	26.08	0.481	31.78	31.18	0.749	71.16	72.68	0.395
East	30.68	28.00	0.243	35.63	34.46	0.598	67.09	67.45	0.878
North Central	27.71	26.34	0.494	33.38	32.36	0.608	70.70	67.88	0.184
Northeast	25.15	27.33	0.265	29.12	32.15	0.135	71.68	68.31	0.116
Northwest	26.43	27.04	0.768	31.68	31.65	0.988	69.57	70.83	0.545
Southeast	30.06	31.34	0.560	36.83	36.94	0.961	68.79	65.30	0.118
Southwest	31.05	27.65	0.109	35.97	32.87	0.157	66.57	66.27	0.900
West	28.14	29.60	0.432	33.21	36.08	0.145	69.62	67.34	0.248

See notes at end of table.

(continued)

Table 6. Cigarette Use in Past Month, Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Cigarette Use in Past Month			Tobacco Product Use in Past Month ¹			Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Iowa	26.03	24.67	0.212	31.40	29.87	0.190	69.67	70.27	0.615
Central	28.56 ^b	25.31	0.094	34.38	31.54	0.178	70.02	71.53	0.441
North Central	25.04	26.05	0.608	29.74	31.31	0.437	70.86	69.37	0.465
Northeast	26.55	24.89	0.344	32.00 ^b	28.99	0.090	69.09	70.83	0.351
Northwest	24.94	25.15	0.911	30.12	30.02	0.961	69.44	69.79	0.867
Southeast	24.87	22.09	0.101	30.43	28.06	0.213	69.55	70.17	0.749
Southwest	25.95	26.13	0.932	30.97	31.04	0.973	69.80	68.74	0.626
Kansas	27.39	25.68	0.120	33.08	31.53	0.199	71.46	70.06	0.268
Kansas City Metro	26.51	24.26	0.154	31.95	30.46	0.391	72.37	72.80	0.802
Northeast	28.79 ^a	25.07	0.043	35.28 ^b	31.68	0.063	70.16	67.17	0.152
South Central	25.32	23.69	0.396	32.29	29.85	0.264	71.39	68.92	0.252
Southeast	30.62	29.68	0.662	36.84	35.54	0.558	70.17 ^a	65.39	0.034
West	26.14	28.11	0.318	31.02	32.64	0.455	71.92	69.82	0.344
Wichita (Sedgwick)	28.53	27.45	0.573	33.13	32.38	0.689	71.55	70.91	0.738
Kentucky	30.97	32.15	0.362	38.32	38.98	0.620	66.62	66.11	0.691
Adanta, Cumberland River, and Lifeskills	34.08	35.95	0.420	42.44	43.95	0.510	64.67	63.08	0.483
Bluegrass, Comprehend, and North Key	29.54	32.00	0.222	35.20	37.83	0.184	67.04	67.29	0.890
Communicare and River Valley	32.57	33.38	0.714	39.75	40.75	0.669	66.62	64.67	0.405
Four Rivers and Pennyroyal	30.99	30.63	0.871	39.23	37.95	0.584	66.69	65.93	0.731
Kentucky River, Mountain, and Pathways	34.21	34.24	0.988	42.48	43.18	0.768	62.72	61.87	0.716
Seven Counties	27.78	28.29	0.787	35.73	33.90	0.374	69.75	70.00	0.901
Louisiana	27.82	27.09	0.549	33.09	31.98	0.367	72.72	72.91	0.870
Regions 1 and 3	--	26.76	--	--	30.20	--	--	73.41	--
Regions 2 and 9	25.55	26.11	0.737	30.79	31.31	0.769	73.54	75.26	0.341
Regions 4, 5, and 6	--	27.74	--	--	33.19	--	--	70.60	--
Regions 7 and 8	27.17	27.99	0.672	33.55	33.10	0.820	73.28	71.94	0.457
Region 10 (Jefferson)	28.12	26.75	0.520	32.46	31.28	0.584	73.87	73.83	0.984

See notes at end of table.

(continued)

Table 6. Cigarette Use in Past Month, Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs
(continued)

State/Substate Region	Cigarette Use in Past Month			Tobacco Product Use in Past Month ¹			Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Maine	26.75	26.47	0.812	31.04	29.99	0.396	71.29	71.85	0.648
Aroostook/Downeast	27.20 ^b	31.02	0.076	31.77	34.82	0.178	70.66	69.57	0.619
Central	27.16	27.02	0.944	31.34	30.52	0.698	69.40	70.11	0.736
Cumberland	25.42	23.71	0.360	28.92	26.66	0.220	73.91	75.46	0.394
Midcoast	25.41	25.05	0.855	29.89	28.76	0.589	72.61	72.45	0.939
Penquis	26.39	26.70	0.879	30.45	29.68	0.714	71.59	70.27	0.525
Western	30.31	28.81	0.456	35.53	32.21	0.127	68.56	70.41	0.378
York	25.79	24.75	0.591	30.17	29.26	0.654	71.17	72.44	0.534
Maryland	22.55	21.77	0.465	26.09	25.25	0.452	75.76 ^b	73.87	0.090
Anne Arundel	24.05	22.27	0.371	28.20	26.28	0.359	75.82	73.63	0.276
Baltimore City	28.76	27.83	0.670	32.58	32.11	0.833	74.85	72.45	0.225
Baltimore County	23.52	23.24	0.886	27.32	27.10	0.915	75.96	72.84	0.113
Montgomery	16.45	15.53	0.522	19.07	17.51	0.299	78.48	77.72	0.681
North Central	20.12	18.81	0.436	23.72	22.01	0.338	75.96	74.49	0.455
Northeast	24.84	25.57	0.725	28.65	29.28	0.757	72.95	71.42	0.490
Prince George's	20.15	18.84	0.439	22.77	22.07	0.680	77.75	76.33	0.397
South	25.29	24.35	0.641	29.79	28.14	0.397	72.12	71.00	0.581
West	24.56	23.76	0.691	28.81	28.01	0.694	73.98	71.16	0.175
Massachusetts	23.19 ^b	21.30	0.075	27.95 ^b	25.94	0.084	75.73 ^a	73.08	0.019
Boston	25.72	22.92	0.142	29.28	26.46	0.142	76.70	73.79	0.122
Central	23.60	22.17	0.432	29.71	26.89	0.166	74.72	73.15	0.412
Metrowest	19.03	17.46	0.293	23.56	21.81	0.281	78.45	76.81	0.328
Northeast	23.73	22.42	0.473	28.00	27.17	0.653	75.02 ^a	71.12	0.041
Southeast	24.38	22.04	0.212	29.84	27.31	0.178	73.84	70.82	0.126
Western	25.26	22.97	0.238	29.93	27.91	0.284	74.84	72.14	0.183

See notes at end of table.

(continued)

Table 6. Cigarette Use in Past Month, Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Cigarette Use in Past Month			Tobacco Product Use in Past Month ¹			Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Michigan[‡]									
Detroit City	27.87 ^a	26.14	0.010	32.25 ^a	30.75	0.026	72.33	71.60	0.281
Genesee	29.10 ^a	25.79	0.048	32.77 ^a	29.02	0.029	74.11	73.34	0.622
Kalamazoo	30.15	27.93	0.229	34.03	32.31	0.345	71.14	70.93	0.903
Kent	28.42	27.00	0.415	33.77	32.06	0.336	71.09	70.03	0.535
Lakeshore	26.18	24.20	0.234	29.70 ^b	27.06	0.082	72.32	72.50	0.915
Macomb	26.50	28.58	0.191	31.19	33.16	0.251	71.73	71.76	0.986
Mid South	30.88 ^a	27.33	0.044	34.90 ^a	31.52	0.050	69.26	71.08	0.264
Northern	27.99	27.80	0.902	32.87	32.90	0.987	71.83	70.86	0.528
Oakland	27.29	27.91	0.705	31.67	33.29	0.362	72.18	69.76	0.141
Pathways and Western	24.86 ^a	21.95	0.027	28.44	26.75	0.235	75.24	74.20	0.469
Riverhaven	--	28.70	--	--	34.61	--	--	69.20	--
Saginaw	29.08	30.46	0.767	35.06	35.53	0.822	68.47	66.68	0.377
Southeast	29.05 ^a	25.65	0.020	33.78	31.06	0.181	70.47	70.55	0.968
St. Clair	29.61	27.28	0.240	34.06	33.40	0.739	69.35	68.58	0.707
Washtenaw	23.34	20.97	0.110	27.62	25.31	0.146	75.74	74.16	0.310
Minnesota									
Regions 1 and 2	25.22	25.35	0.906	30.32	30.26	0.962	71.73	71.48	0.844
Regions 3 and 4	25.25	27.77	0.214	31.78	33.91	0.343	71.44	68.40	0.178
Regions 5 and 6	27.78	28.53	0.686	34.19	34.25	0.975	68.61	67.98	0.762
Region 7A (Hennepin)	24.83	26.67	0.308	29.45	31.88	0.186	70.63	69.67	0.631
Region 7B (Ramsey)	24.15	23.33	0.647	28.78	27.33	0.466	73.80	73.93	0.948
Region 7C	26.38	24.49	0.357	30.22	28.41	0.381	72.51	74.17	0.411
Region 7D	24.16	22.95	0.473	29.09	27.72	0.446	72.67	73.65	0.572
Mississippi									
Region 1	26.89	26.08	0.462	32.82	32.14	0.554	72.03	71.27	0.505
Region 2	29.18	31.18	0.315	34.63	37.21	0.180	70.46	68.56	0.324
Region 3	26.28	25.11	0.559	32.32	30.70	0.431	73.74	72.49	0.517
Region 4	26.04	25.26	0.671	31.48	31.12	0.855	72.50	71.80	0.721
Region 5	23.57	21.60	0.234	29.14	27.10	0.249	72.91	74.16	0.494
Region 6	25.82	24.86	0.635	31.62	31.62	0.997	72.76	70.33	0.256
Region 7	26.16	24.55	0.413	31.81	31.24	0.781	71.90	71.10	0.669
Region 8	29.68	27.20	0.226	37.22	33.87	0.125	70.98	70.68	0.885

See notes at end of table.

(continued)

Table 6. Cigarette Use in Past Month, Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Cigarette Use in Past Month			Tobacco Product Use in Past Month ¹			Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Missouri	30.24	28.49	0.144	35.79 ^b	33.37	0.055	69.36	68.78	0.631
Central	29.93	27.00	0.141	36.20 ^b	32.55	0.078	67.01	67.18	0.937
Eastern	28.03	26.28	0.252	33.14	30.74	0.120	71.40	71.91	0.741
Eastern (St. Louis City and County)	27.20 ^b	24.05	0.088	31.43 ^a	27.78	0.048	73.59	74.59	0.586
Eastern (excluding St. Louis)	29.66	30.38	0.729	36.53	36.17	0.870	67.06	66.98	0.971
Northwest	30.16	28.31	0.259	35.38 ^b	32.36	0.083	70.59	69.26	0.434
Northwest (Jackson)	30.20	28.50	0.439	34.83	31.81	0.177	72.04	71.39	0.759
Northwest (excluding Jackson)	30.12	28.14	0.337	35.87	32.83	0.150	69.29	67.41	0.384
Southeast	34.31	32.62	0.468	40.57	38.07	0.298	66.19	64.51	0.468
Southwest	32.48	32.02	0.836	38.35	38.19	0.945	67.32	65.43	0.360
Montana	26.67 ^a	24.05	0.023	33.81 ^a	31.15	0.040	72.49	73.43	0.428
Region 1	27.19	23.95	0.145	35.88	33.56	0.346	69.20	70.96	0.445
Region 2	25.63	24.59	0.588	33.56	30.81	0.189	69.67	72.72	0.132
Region 3	25.23	22.71	0.153	32.66	29.90	0.162	73.20	73.99	0.672
Region 4	27.10 ^a	22.85	0.013	33.87	30.72	0.102	72.88	73.24	0.842
Region 5	27.66	25.72	0.286	34.08	31.88	0.248	73.99	74.20	0.906
Nebraska	25.07	25.08	0.998	29.42	29.37	0.969	70.89	71.21	0.792
Regions 1 and 2	25.95	26.38	0.822	31.21	31.53	0.875	70.73	69.72	0.602
Region 1	--	25.98	--	--	30.57	--	--	70.46	--
Region 2	--	26.72	--	--	32.35	--	--	69.08	--
Region 3	26.68	23.87	0.161	31.17	28.52	0.196	69.73	69.97	0.909
Region 4	24.46	26.91	0.215	28.62	31.26	0.206	69.58	68.78	0.711
Region 5	25.31	26.04	0.669	29.65	30.98	0.464	71.51	71.02	0.790
Region 6	24.33	23.99	0.838	28.42	27.54	0.592	71.37	72.83	0.384
Nevada	26.48	26.40	0.952	30.26	29.42	0.555	73.44	72.58	0.504
Clark	26.39	26.31	0.967	29.84	29.36	0.772	73.56	72.40	0.448
Rural	28.83	27.01	0.398	34.32 ^b	30.57	0.078	70.60	70.59	0.992
Washoe	24.89	26.25	0.481	28.66	28.70	0.982	75.33	75.04	0.879

See notes at end of table.

(continued)

Table 6. Cigarette Use in Past Month, Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs
(continued)

State/Substate Region	Cigarette Use in Past Month			Tobacco Product Use in Past Month ¹			Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
New Hampshire									
Central	23.17	23.25	0.944	27.73	27.55	0.876	72.61	73.65	0.361
Central 1	25.53	23.87	0.276	29.94	28.35	0.311	71.57	73.30	0.238
Central 2	26.35	26.03	0.865	30.98	30.43	0.783	70.42	72.53	0.259
Northern	24.20	27.15	0.133	28.81	31.88	0.141	72.08	72.89	0.681
Southern	21.82	22.09	0.833	26.44	26.20	0.861	73.22	73.99	0.566
Southern 1 (Rockingham)	20.52	21.08	0.724	24.98	25.41	0.798	74.68	76.36	0.339
Southern 2	22.61	22.71	0.951	27.33	26.70	0.713	72.34	72.52	0.914
New Jersey									
Central	21.75	21.85	0.931	25.58	25.68	0.942	75.61	77.12	0.224
Metropolitan	21.34	21.08	0.890	25.58	25.04	0.786	75.44	77.00	0.393
Northern	20.77	21.27	0.769	23.82	24.88	0.549	76.81	77.86	0.544
Southern	21.78	20.21	0.340	25.16	23.17	0.269	76.31	78.60	0.179
New Mexico									
Region 1	23.84	23.30	0.613	28.32	28.05	0.815	75.38	75.67	0.803
Region 2	23.70	25.56	0.280	28.74	30.50	0.316	71.58	71.71	0.947
Region 3 (Bernalillo)	21.88	21.25	0.734	24.96	25.64	0.714	78.60	78.47	0.945
Region 4	22.90	21.57	0.382	27.05	25.50	0.353	77.54	78.16	0.706
Region 5	29.72	27.79	0.337	35.11	33.25	0.392	72.14	71.97	0.930
	23.27	22.47	0.641	28.21	28.15	0.975	75.41	75.95	0.766

See notes at end of table.

(continued)

Table 6. Cigarette Use in Past Month, Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Cigarette Use in Past Month			Tobacco Product Use in Past Month ¹			Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
New York	24.29 ^a	21.99	0.001	27.41 ^a	25.23	0.003	76.95 ^a	79.10	0.001
Region A	23.44 ^a	21.05	0.010	24.99 ^a	22.75	0.020	78.57 ^a	80.44	0.027
Region 1	24.28 ^b	21.21	0.083	25.54 ^a	21.98	0.025	77.65	79.62	0.179
Region 2	22.60	21.22	0.303	23.80	22.89	0.518	77.86	79.72	0.150
Region 3	27.86 ^b	24.94	0.098	30.62	27.89	0.137	80.34	81.38	0.449
Region 4	20.93 ^a	17.80	0.040	22.21 ^a	19.17	0.049	78.74 ^b	81.17	0.085
Region B	21.40 ^b	19.61	0.062	24.74 ^b	22.81	0.055	77.97 ^a	80.36	0.013
Region 5	21.38	19.33	0.122	24.90 ^b	22.59	0.082	78.94	80.68	0.166
Region 6	19.73	17.67	0.146	22.16	20.70	0.309	78.07 ^a	81.18	0.036
Region 7	24.14	23.46	0.688	28.34	26.78	0.360	74.54 ^a	78.09	0.040
Region C	27.33 ^a	24.37	0.001	32.10 ^a	29.22	0.002	74.66 ^a	77.02	0.007
Region 8	26.79	24.15	0.103	31.69	29.01	0.109	76.23	77.20	0.535
Region 9	26.33	23.84	0.136	30.87	29.37	0.369	76.02	76.41	0.801
Region 10	28.03 ^b	24.88	0.073	32.09 ^b	29.02	0.098	74.26	76.43	0.186
Region 11	24.58	23.28	0.404	29.25	26.70	0.127	73.29 ^a	77.04	0.018
Region 12	30.78 ^a	25.80	0.004	36.01 ^a	31.63	0.015	73.62 ^a	77.58	0.009
Region D	28.97	27.22	0.161	34.71	33.70	0.441	71.97 ^a	74.41	0.037
Region 13	27.29 ^a	23.01	0.023	32.76 ^b	29.07	0.065	73.52	76.11	0.145
Region 14	30.53	30.06	0.807	35.73	36.59	0.665	71.78	73.97	0.182
Region 15	28.96	28.18	0.694	35.47	35.00	0.818	70.80	73.31	0.175
North Carolina	26.19	26.69	0.699	31.87	31.78	0.946	71.44 ^a	73.95	0.036
Eastern	28.67	29.09	0.839	34.61	34.14	0.827	71.63	72.53	0.646
North Central	26.07	29.10	0.140	31.74	33.90	0.299	72.30	74.03	0.361
South Central	24.89	23.67	0.484	30.36	28.40	0.318	71.85	73.64	0.319
Western	25.83	25.85	0.991	31.53	31.44	0.962	70.42 ^a	74.90	0.009
North Dakota	26.12	25.48	0.546	32.26	30.82	0.230	68.13	68.47	0.780
Badlands and West Central	26.33	25.68	0.700	32.51	30.40	0.250	66.97	67.62	0.741
Lake Region and South Central	24.19	25.41	0.514	30.72	30.50	0.912	67.94	66.89	0.648
North Central and Northwest	25.42	24.42	0.580	32.14	30.87	0.518	67.54	67.77	0.917
Northeast	27.79	26.18	0.355	33.86	32.26	0.402	69.53	69.48	0.979
Southeast	26.65	25.62	0.518	32.15	30.63	0.358	69.06	70.17	0.528

See notes at end of table.

(continued)

Table 6. Cigarette Use in Past Month, Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Cigarette Use in Past Month			Tobacco Product Use in Past Month ¹			Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Ohio									
Boards 2, 46, 55, and 68	28.39	28.70	0.663	33.55	34.13	0.424	71.00 ^b	69.64	0.051
Boards 3, 52, and 85	29.99	29.83	0.933	34.85	35.92	0.574	66.53	65.87	0.733
Boards 4 and 78	26.51	27.65	0.552	31.71	34.10	0.219	71.03	68.17	0.117
Boards 5 and 60	29.45	30.09	0.750	34.75	35.59	0.688	68.79	67.07	0.387
Boards 7, 15, 41, 79, and 84	31.37	31.31	0.975	37.06	38.14	0.567	65.86	65.36	0.801
Boards 8, 13, and 83	31.09	30.33	0.712	36.64	36.58	0.980	67.27	64.46	0.174
Board 9 (Butler)	28.16	27.89	0.882	33.87	34.53	0.730	70.24	68.06	0.247
Board 12	29.07	28.59	0.795	34.03	33.13	0.641	72.25	70.77	0.412
Boards 18 and 47	25.57 ^a	29.73	0.032	30.51 ^a	36.38	0.003	72.82	70.30	0.173
Boards 20, 32, 54, and 69	29.04	26.97	0.168	34.10	32.07	0.186	72.27	72.60	0.819
Boards 21, 39, 51, 70, and 80	27.62	29.11	0.424	32.70	34.36	0.380	67.75	65.93	0.381
Boards 22, 74, and 87	27.90	27.47	0.816	33.13	33.24	0.952	69.65	67.83	0.344
Boards 23 and 45	28.14	30.75	0.205	33.49	36.63	0.128	70.11	67.11	0.134
Boards 25 and 45	28.76	28.14	0.738	33.81	34.11	0.873	70.82	68.58	0.249
Board 25 (Franklin)	28.76	28.14	0.738	31.54	33.12	0.331	73.07	74.03	0.505
Boards 27, 71, and 73	25.34	27.33	0.219	39.24	39.75	0.792	66.66	64.03	0.196
Boards 28, 43, and 67	25.59	28.24	0.133	29.94	32.55	0.129	71.94	71.14	0.642
Board 31 (Hamilton)	26.89	28.42	0.289	31.07	33.12	0.259	74.40	72.47	0.225
Board 48 (Lucas)	26.09	27.47	0.920	33.73	34.54	0.672	73.34	70.75	0.150
Boards 50 and 76	28.15	29.50	0.462	34.23	34.60	0.839	71.45 ^a	67.67	0.038
Board 57 (Montgomery)	28.10	27.35	0.671	32.52	31.33	0.509	71.42	71.44	0.989
Board 77 (Summit)	29.74	28.27	0.404	34.49	32.71	0.351	72.77	71.48	0.475
Oklahoma									
Central	30.60	29.25	0.261	35.71	35.54	0.896	69.36	69.21	0.901
East Central	27.08	26.22	0.667	31.84	31.68	0.936	70.41	69.53	0.671
Northeast	31.92	31.54	0.864	37.82	38.94	0.641	67.36	66.14	0.588
Northwest and Southwest	30.40	27.78	0.235	35.50	34.07	0.537	68.03	68.44	0.852
Oklahoma County	30.40	28.54	0.362	35.75	35.62	0.955	69.36	68.77	0.777
Southeast	30.91	32.14	0.560	35.22	37.97	0.189	71.27	71.88	0.754
Tulsa County	33.71	30.73	0.190	40.01	37.89	0.361	67.23	66.17	0.640
	29.30	26.89	0.203	33.77	32.01	0.398	70.78	71.73	0.611

See notes at end of table.

(continued)

Table 6. Cigarette Use in Past Month, Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs
(continued)

State/Substate Region	Cigarette Use in Past Month			Tobacco Product Use in Past Month ¹			Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Oregon	23.68	23.36	0.786	27.93	28.53	0.617	76.74 ^a	73.59	0.006
Region 1 (Multnomah)	25.64	24.88	0.700	28.78	29.82	0.618	77.73	76.50	0.485
Region 2	20.62	20.28	0.831	24.64	24.40	0.886	78.16	76.47	0.311
Region 3	23.31	22.15	0.486	27.63	27.68	0.976	76.87 ^a	71.53	0.002
Region 4	26.25	28.07	0.405	31.35	33.80	0.257	74.40	71.33	0.116
Region 5 (Central)	--	24.05	--	29.48	--	--	72.40	--	--
Region 6 (Eastern)	--	24.74	--	31.09	--	--	70.71	--	--
Pennsylvania	26.68 ^a	25.29	0.049	31.57 ^b	30.33	0.084	73.91	73.37	0.440
Region 1 (Allegheny)	27.50 ^a	23.68	0.019	32.59 ^b	29.50	0.057	75.23	74.28	0.544
Regions 2, 3, 8, and 9	29.11	27.30	0.296	35.79	34.41	0.479	71.44	70.82	0.734
Regions 4, 11, 37, and 49	27.28	28.32	0.537	32.64	33.49	0.637	71.73	72.45	0.660
Regions 5, 18, 23, 24, and 46	26.97 ^a	23.73	0.043	33.05 ^a	29.23	0.022	71.57	72.81	0.437
Regions 6, 12, 16, 31, 35, 39, 45, and 47	24.90	26.17	0.443	30.48	31.54	0.536	71.87	69.98	0.272
Regions 7, 13, 20, and 33	23.67	23.39	0.825	27.98	28.12	0.919	78.09	77.51	0.617
Regions 10, 14, 15, 27, 32, 43, and 44	29.18	27.91	0.499	35.38	35.09	0.885	68.63	67.21	0.466
Regions 17 and 21	26.21	24.91	0.470	31.10	30.57	0.770	72.92	71.28	0.350
Regions 19, 26, 28, and 42	25.86	23.74	0.124	30.32	28.55	0.216	73.82	74.53	0.629
Regions 22, 38, 40, 41, and 48	28.23	27.41	0.650	33.95	32.98	0.601	70.57	68.73	0.309
Regions 25 and 30	27.50	27.93	0.811	32.63	32.65	0.991	74.51 ^a	70.70	0.030
Regions 29 and 34	26.40 ^a	22.22	0.020	30.59 ^a	26.79	0.032	74.53	75.20	0.702
Region 36 (Philadelphia)	28.97	26.99	0.236	32.09	29.64	0.138	74.48	74.35	0.932
Rhode Island	24.84	25.05	0.858	29.14	29.30	0.893	76.30	76.04	0.820
Bristol and Newport	23.11	24.74	0.377	27.83	29.80	0.311	77.76	78.17	0.826
Kent	25.67	26.85	0.572	30.79	31.14	0.856	74.49	75.30	0.673
Providence	25.50	25.47	0.983	29.33	29.27	0.969	76.05	75.58	0.747
Washington	22.40	20.92	0.395	27.51	26.50	0.575	78.32	76.96	0.437
South Carolina	29.71	28.28	0.241	33.85	32.37	0.210	70.69	72.06	0.227
Region 1	29.22 ^b	25.69	0.061	33.86 ^a	29.77	0.042	70.77	72.78	0.264
Region 2	30.58	30.09	0.784	34.90	34.65	0.891	69.61	72.38	0.102
Region 3	31.13	31.08	0.982	35.20	35.12	0.969	70.65	69.76	0.668
Region 4	28.26	26.91	0.466	31.69	30.51	0.511	71.88	72.54	0.703

See notes at end of table.

(continued)

Table 6. Cigarette Use in Past Month, Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Cigarette Use in Past Month			Tobacco Product Use in Past Month ¹			Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
South Dakota	26.83	25.74	0.307	32.65	31.52	0.340	72.26	70.65	0.168
Region 1	25.97	24.42	0.392	31.36	30.07	0.511	72.26	69.59	0.187
Region 2	26.91	25.25	0.315	32.47	30.59	0.286	73.03	71.38	0.356
Region 3	25.56	25.82	0.894	31.50	31.89	0.849	72.18	69.39	0.148
Region 4	29.40	28.31	0.596	35.60	34.01	0.460	70.19	70.03	0.941
Region 5	28.83	26.05	0.181	34.70	31.49	0.117	72.56	71.25	0.536
Region 6	26.98	26.71	0.900	33.45	32.44	0.657	71.39	69.45	0.370
Region 7	26.01	25.60	0.806	31.94	32.23	0.878	72.61	72.39	0.906
Tennessee	30.59	29.76	0.513	36.24	35.05	0.339	70.88	70.14	0.543
Region 1	34.49	31.26	0.181	41.23 ^b	36.63	0.059	68.76	67.37	0.523
Region 2	32.02	31.64	0.861	37.89	38.40	0.809	68.00	68.11	0.960
Region 3	32.13	33.55	0.523	37.67	39.30	0.449	70.11	68.83	0.512
Region 4 (Davidson)	30.68 ^b	27.12	0.098	36.02 ^a	31.38	0.036	74.58	74.47	0.951
Region 5	29.25	29.75	0.797	35.73	34.91	0.687	71.03	69.54	0.435
Region 6	32.99	32.01	0.681	38.24	37.22	0.651	69.04	67.65	0.526
Region 7 (Shelby)	25.08	22.46	0.168	29.29	26.16	0.104	75.12	75.74	0.726
Texas	25.73 ^b	24.55	0.067	30.47 ^a	29.08	0.043	73.83	73.34	0.494
Region 1	28.65	28.77	0.953	34.28	35.17	0.657	71.14	71.00	0.939
Region 2	29.79	30.17	0.847	36.00	36.30	0.887	71.34	69.70	0.403
Region 3	24.81	23.98	0.390	29.87	29.13	0.480	73.87	72.89	0.345
Region 3a	23.35	22.69	0.587	28.17	27.34	0.524	75.49	74.38	0.367
Region 3bc	27.40	26.24	0.441	32.87	32.26	0.694	71.00	70.30	0.655
Region 4	30.99	29.32	0.373	37.54	35.04	0.178	69.92	68.49	0.459
Region 5	31.33	28.46	0.153	38.39	35.38	0.134	71.35	70.10	0.523
Region 6	24.53	23.26	0.286	28.51	26.99	0.182	74.70	75.02	0.794
Region 6a	24.22	22.94	0.318	27.93	26.48	0.236	74.91	75.27	0.784
Region 6bc	27.06	25.80	0.536	33.25	31.10	0.283	72.96	72.96	0.999
Region 7	26.24	25.19	0.344	31.36	29.82	0.229	73.67	73.32	0.773
Region 7a	24.67	23.14	0.275	29.24	27.15	0.170	75.31	74.62	0.644
Region 7bcd	28.64	28.48	0.924	34.60	34.10	0.791	71.17	71.24	0.968
Region 8	25.12	23.82	0.367	30.24	28.14	0.174	74.03	74.21	0.904
Region 9	27.24	24.43	0.109	32.24	29.29	0.125	72.65	71.60	0.575
Region 10	23.94	21.61	0.169	26.27	24.23	0.236	77.36	76.22	0.517
Region 11	24.50	23.65	0.499	27.39	26.33	0.428	75.35	74.37	0.461
Region 11abd	25.07	24.91	0.922	27.97	27.78	0.907	75.53	74.34	0.467
Region 11c (Hidalgo)	23.38	21.27	0.178	26.24	23.59	0.105	74.99	74.41	0.749

See notes at end of table.

(continued)

Table 6. Cigarette Use in Past Month, Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Cigarette Use in Past Month			Tobacco Product Use in Past Month ¹			Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Utah									
Bear River, Northeastern, Summit, Tooele, and Wasatch	19.18 ^a	16.10	0.002	21.37 ^a	18.67	0.012	78.24	77.58	0.563
Central, Four Corners, San Juan, and Southwest	18.09 ^b	15.30	0.058	20.82	18.73	0.189	78.49	78.04	0.797
Davis County	17.00	14.90	0.183	19.61	18.22	0.393	77.41	76.20	0.510
Salt Lake County	17.84 ^a	14.63	0.026	20.20 ^b	17.54	0.098	78.65	77.89	0.652
Utah County	21.52 ^a	18.31	0.021	23.50 ^a	20.35	0.030	78.11	77.71	0.801
Weber, Morgan	15.93 ^a	11.88	0.001	17.31 ^a	13.62	0.007	79.07	78.50	0.707
Vermont	20.53	19.51	0.566	23.65	23.45	0.911	77.67	76.11	0.403
Champlain Valley	24.69	22.99	0.166	29.47	29.07	0.757	74.48 ^b	76.43	0.072
Rural Northeast	22.86	21.58	0.380	27.18	27.14	0.983	75.68	77.23	0.264
Rural Southeast	26.43	25.32	0.572	31.01	31.57	0.769	72.71	75.45	0.129
Rural Southwest	24.15	23.30	0.652	28.74	29.91	0.556	75.54	76.89	0.458
Virginia	27.21 ^a	22.53	0.020	33.61 ^a	28.89	0.037	72.83	75.37	0.194
Region 1	24.93	24.35	0.618	29.35	28.02	0.265	74.01	73.68	0.779
Region 2	--	26.00	--	--	30.59	--	--	71.90	--
Region 3	18.63	18.12	0.737	23.15	21.29	0.247	77.76	77.68	0.963
Region 4	29.28	30.50	0.563	34.86	35.08	0.921	72.23	70.10	0.269
Region 5	--	24.77	--	--	28.32	--	--	73.14	--
Washington	25.97	25.29	0.708	29.16	28.32	0.660	73.94	73.47	0.794
Region 1	23.44	22.69	0.488	27.44	27.40	0.971	75.61 ^b	73.44	0.058
Region 2	24.92	24.76	0.936	29.39	29.61	0.912	75.36 ^b	71.65	0.052
Region 3	24.92 ^a	20.76	0.028	28.81 ^a	24.80	0.043	74.56	73.67	0.624
Region 4 (King)	23.13	21.79	0.445	27.27	26.07	0.515	75.82	74.11	0.340
Region 5	20.18	20.13	0.975	23.65	24.77	0.494	77.00	75.80	0.487
Region 6	25.39	23.89	0.419	29.78	28.76	0.609	74.50	71.97	0.178
	25.82	26.34	0.787	29.96	31.67	0.363	74.71 ^b	71.31	0.073

See notes at end of table.

(continued)

Table 6. Cigarette Use in Past Month, Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs
(continued)

State/Substate Region	Cigarette Use in Past Month			Tobacco Product Use in Past Month ¹			Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
West Virginia	33.01 ^a	30.36	0.042	40.77 ^a	37.61	0.021	68.24	68.22	0.988
Eastern Highland	31.98	30.62	0.517	41.06 ^b	37.37	0.091	68.50	67.93	0.773
Northern	33.98 ^a	29.38	0.009	41.41 ^a	36.62	0.011	67.93	68.78	0.604
Northern A and B	34.29 ^b	29.78	0.065	40.93 ^a	35.72	0.029	67.40	67.81	0.854
Northern C and D	33.83 ^a	29.18	0.023	41.65 ^a	37.06	0.035	68.20	69.26	0.594
South Central	32.69	30.71	0.221	39.94	38.01	0.251	68.61	68.42	0.901
South Central I	32.85	32.56	0.903	40.49	40.48	0.998	67.69	66.75	0.674
South Central II	35.35	32.79	0.282	43.06	39.66	0.139	68.44	67.64	0.725
South Central III	30.83	28.24	0.228	37.54	35.45	0.365	69.29	69.93	0.768
Southern	33.45	30.73	0.169	41.15	38.51	0.192	67.61	67.38	0.899
Southern I and III	33.95	30.66	0.167	41.47	38.67	0.246	68.16	67.55	0.787
Southern II	32.48	30.87	0.504	40.53	38.18	0.360	66.54	67.02	0.839
Wisconsin	27.83	28.14	0.791	32.53	32.66	0.917	71.26 ^a	67.99	0.010
Milwaukee	30.27	29.27	0.637	35.20	32.36	0.200	73.96 ^b	70.28	0.075
Northeastern	29.54	30.73	0.552	34.03	35.74	0.423	69.36 ^a	65.20	0.039
Northern	27.53	29.10	0.478	32.16	34.75	0.239	69.93 ^a	64.36	0.018
Southeastern	25.67	25.18	0.797	31.22	30.00	0.522	72.25	70.92	0.499
Southern	25.98	27.45	0.406	29.80	31.31	0.420	72.06	69.46	0.187
Western	28.09	27.46	0.741	32.88	32.57	0.883	69.30 ^b	65.75	0.092

See notes at end of table.

(continued)

Table 6. Cigarette Use in Past Month, Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Cigarette Use in Past Month			Tobacco Product Use in Past Month ¹			Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Wyoming	27.27 ^b	29.41	0.075	33.81 ^a	36.74	0.017	71.75	70.95	0.502
Judicial District 1 (Laramie)	28.20	30.87	0.205	34.16	36.26	0.304	73.25	73.55	0.873
Judicial District 2	25.94	26.75	0.669	31.41	34.57	0.122	74.21	72.52	0.343
Judicial District 3	25.97	27.39	0.462	33.25	34.41	0.585	70.79	70.73	0.978
Judicial District 4	26.28	30.00	0.101	32.60 ^a	37.39	0.032	72.51	72.56	0.983
Judicial District 5	28.00	27.45	0.792	34.51	33.99	0.820	73.03	69.94	0.143
Judicial District 6	26.86	27.97	0.571	34.13	37.58	0.109	68.67	68.00	0.756
Judicial District 7 (Natrona)	29.67	31.81	0.316	37.42	40.94	0.111	68.84	69.08	0.911
Judicial District 8	26.19 ^a	31.30	0.025	33.60 ^a	38.33	0.046	71.71	69.26	0.290
Judicial District 9	26.84 ^b	30.47	0.093	32.00 ^a	37.37	0.018	72.83	71.90	0.653

-- Not available. These regions were not defined consistently across the two time periods, 2004-2006 and 2006-2008; hence, the 2004-2006 estimates and p values are not available for these regions. The definitions of the substate regions listed in this table are provided in Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

[‡] Names of some of the substate regions for this State have changed across the two time periods (2004-2006 vs. 2006-2008). For details, see Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

^{**} A separate Kauai estimate is not being reported because of low precision. For more details, see Table D12 of Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

NOTE: p value: Bayes posterior probability of no change.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

^a Difference between the 2006-2008 estimate and the 2004-2006 estimate is statistically significant at the 0.05 level.

^b Difference between the 2006-2008 estimate and the 2004-2006 estimate is statistically significant at the 0.10 level.

¹ Tobacco Products include cigarettes, smokeless tobacco (i.e., chewing tobacco or snuff), cigars, or pipe tobacco.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, 2006, 2007, and 2008.

Table 7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs

State/Substate Region	Alcohol Dependence in Past Year			Illicit Drug Dependence in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Total United States	3.40	3.47	0.354	1.98	1.95	0.519
Northeast	3.19	3.33	0.308	2.01	1.98	0.713
Midwest	3.59	3.59	0.995	1.92	1.88	0.482
South	3.13	3.28	0.159	1.93	1.92	0.975
West	3.80	3.79	0.905	2.11	2.03	0.381
Alabama	2.98	2.93	0.874	1.98	1.90	0.679
Region 1	2.54	2.54	0.990	1.78	1.65	0.529
Region 2	3.26	3.11	0.752	2.18	2.09	0.744
Region 3	3.12	3.19	0.854	2.02	2.03	0.971
Region 4	3.03	2.97	0.875	1.91	1.86	0.830
Alaska	3.80	3.91	0.758	2.55	2.15	0.123
Gulf Coast	3.46	4.08	0.227	2.23	2.28	0.873
Rural	4.62	3.70	0.135	2.27	2.44	0.636
Southeast	4.38	3.80	0.261	2.56	2.13	0.192
Urban	3.62	3.94	0.474	2.65 ^b	2.10	0.063
Arizona	4.22	3.64	0.105	1.82	1.97	0.429
Maricopa	4.09	3.68	0.343	1.81	1.88	0.736
Pima	4.80 ^b	3.89	0.088	1.97	2.37	0.171
Rural North	4.76 ^a	3.48	0.023	1.89	2.05	0.544
Rural South	3.58	3.27	0.482	1.60	1.79	0.378
Arkansas	3.04 ^b	3.59	0.064	2.33	2.17	0.453
Areas 1 and 2	3.19 ^b	3.94	0.077	2.44	2.06	0.184
Areas 3 and 4	3.28	3.75	0.289	2.16	1.90	0.318
Areas 5 and 6	2.65 ^b	3.39	0.069	2.10	2.40	0.310
Areas 7, 12, and 13	3.40	3.71	0.530	2.67	2.54	0.718
Areas 8, 10, and 11	2.82	3.44	0.106	2.09	1.91	0.517
Area 9	2.93	3.34	0.314	2.53	2.26	0.371

See notes at end of table.

(continued)

Table 7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year			Illicit Drug Dependence in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
California	3.81	3.85	0.848	2.17	2.06	0.427
Region 1	3.91	4.39	0.289	2.63	2.41	0.443
Region 2	4.61	4.24	0.461	2.26	2.67	0.132
Region 3	3.45	3.67	0.555	2.19	2.31	0.628
Region 4	3.82	3.60	0.643	2.07 ^a	1.53	0.024
Region 5	4.52	3.93	0.214	2.44 ^a	1.87	0.029
Region 6 (Santa Clara)	3.45	3.29	0.656	2.07	1.79	0.218
Region 7	3.80	4.22	0.342	2.37	2.47	0.709
Region 8	3.98	3.45	0.190	2.52 ^b	2.06	0.075
Region 9	3.81	4.36	0.192	2.46	2.64	0.502
Region 10	4.21	4.42	0.665	2.74	2.69	0.879
Region 11 (Los Angeles)	3.49	3.90	0.237	1.96	1.78	0.301
Region 12	3.51	3.52	0.983	1.87	1.90	0.878
Region 13 (Riverside)	3.70	4.01	0.439	2.29	2.47	0.517
Region 14 (Orange)	3.58	3.46	0.759	2.02	1.86	0.436
Region 15	3.97	3.81	0.679	2.14	2.14	0.998
Colorado	4.11	4.03	0.817	2.27	2.09	0.407
Region 1	4.10	4.29	0.685	2.26	2.26	0.998
Regions 2 and 7	4.10	4.13	0.955	2.29	2.21	0.791
Region 3	4.00	3.69	0.505	2.42 ^a	1.74	0.010
Region 4	4.08	3.43	0.130	2.16	1.83	0.207
Regions 5 and 6	4.34	3.97	0.463	2.08	1.88	0.456
Connecticut	3.57	3.61	0.904	2.29	2.00	0.154
Eastern	3.74	3.93	0.676	2.61 ^a	2.02	0.035
North Central	3.94	3.70	0.610	2.24	2.14	0.728
Northwestern	3.27	3.43	0.711	2.34	2.02	0.248
South Central	3.24	3.20	0.933	2.21	1.99	0.407
Southwest	3.63	3.97	0.519	2.23	1.78	0.104
Delaware	2.56 ^a	3.17	0.042	2.08	2.03	0.826
Kent	2.89	3.00	0.777	2.27	2.37	0.749
New Castle (excluding Wilmington City)	2.45 ^a	3.19	0.036	2.11	1.93	0.478
Sussex	2.25 ^a	3.02	0.046	1.72	1.87	0.528
Wilmington City	3.39	3.79	0.434	2.42	2.38	0.917

See notes at end of table.

(continued)

Table 7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year			Illicit Drug Dependence in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
District of Columbia	5.18	4.95	0.615	2.85	3.19	0.314
Ward 1	6.27	5.57	0.375	3.14	3.37	0.636
Ward 2	6.36	6.86	0.491	2.79	2.76	0.952
Ward 3	5.41	5.20	0.744	1.90	2.36	0.156
Ward 4	3.96	3.81	0.830	2.11	2.40	0.427
Ward 5	5.00	4.77	0.739	4.18	4.42	0.744
Ward 6	5.04	4.88	0.816	3.03	3.26	0.640
Ward 7	3.97	3.95	0.982	2.72	3.46	0.157
Ward 8	5.18	4.16	0.134	3.39	3.81	0.478
Florida[‡]	3.12	3.33	0.337	1.83	1.84	0.913
Region A - Northwest	3.58	3.68	0.758	2.31	2.16	0.456
Circuit 1	3.22	3.40	0.635	2.19	2.06	0.620
Circuit 2	4.29	4.36	0.881	2.76	2.56	0.551
Circuit 14	3.46	3.43	0.946	1.96	1.89	0.735
Region B - Northeast	3.69	3.93	0.468	1.98	2.15	0.356
Circuits 3 and 8	3.80	4.33	0.214	2.15	2.17	0.937
Circuit 4	3.90	4.16	0.619	2.12	2.32	0.466
Circuit 7	3.32	3.39	0.860	1.68	1.93	0.218
Region C - Central	3.15	3.21	0.791	1.79	1.85	0.657
Circuit 5	2.42	2.89	0.186	1.68	1.95	0.201
Circuit 9	3.80	3.67	0.767	1.96	2.17	0.408
Circuit 10	3.23	3.23	0.999	1.56	1.66	0.613
Circuit 18	3.20	3.10	0.788	1.94	1.58	0.108
Circuit 19	2.68	2.95	0.492	1.59	1.67	0.721
Region D - Southeast	--	3.26	--	--	1.66	--
Circuit 15 (Palm Beach)	2.99	3.43	0.258	1.86	1.90	0.859
Circuit 17 (Broward)	3.03	3.14	0.775	1.60	1.48	0.567
Region E - Sun Coast	2.98	3.15	0.503	1.72	1.87	0.316
Circuit 6	2.83	3.03	0.605	1.75	1.65	0.667
Circuit 12	2.67	3.17	0.200	1.60 ^a	2.33	0.005
Circuit 13 (Hillsborough)	3.43	3.45	0.964	2.00	2.02	0.915
Circuit 20	2.91	2.99	0.829	1.46	1.69	0.226
Region F - Southern (Circuits 11 and 16)	2.69	3.16	0.268	1.81	1.50	0.173

See notes at end of table.

(continued)

Table 7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year			Illicit Drug Dependence in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Georgia	2.90	3.36	0.161	1.87	1.91	0.801
Region 1	2.64	2.85	0.587	1.65	1.69	0.862
Region 2	2.60	3.10	0.205	1.80	1.96	0.503
Region 3	3.12	3.67	0.243	2.00	1.94	0.800
Region 4	2.89	3.34	0.317	1.66	2.00	0.187
Region 5	2.80	3.19	0.343	1.94	1.93	0.962
Hawaii	3.74	3.94	0.673	1.66	1.59	0.761
Hawaii Island	4.03	3.75	0.629	1.59	1.69	0.729
Honolulu	3.70	4.06	0.519	1.64	1.59	0.881
Kauai and Maui**	3.65	3.59	0.895	1.84	1.47	0.150
Maui	3.76	3.71	0.928	1.84	1.44	0.170
Idaho	3.40	3.26	0.627	1.77	1.82	0.695
Region 1	3.14	3.34	0.636	1.61	1.72	0.579
Region 2	3.88	3.93	0.908	1.89	1.65	0.319
Region 3	3.20	2.85	0.352	1.63	1.60	0.850
Region 4	3.90	3.48	0.315	1.97	2.34	0.175
Region 5	3.12	3.24	0.772	1.57	1.48	0.613
Region 6	3.28	3.32	0.923	1.65	1.67	0.930
Region 7	2.87	2.80	0.845	1.87	1.63	0.245
Illinois	3.61	3.63	0.953	2.01	1.85	0.280
Region I (Cook)	4.05	3.95	0.800	2.46 ^a	1.87	0.021
Region II	3.25	3.28	0.904	1.67	1.81	0.396
Region III	3.58	3.89	0.390	1.65 ^a	2.11	0.028
Region IV	3.23	3.04	0.574	1.63	1.51	0.492
Region V	3.12	3.52	0.276	1.75	1.80	0.764
Indiana	3.47	3.45	0.964	2.01	1.99	0.882
Central	3.41	3.41	0.998	2.01	2.01	0.992
East	3.08	3.37	0.435	1.81	1.94	0.576
North Central	3.74	3.59	0.730	2.09	1.90	0.404
Northeast	3.38	3.35	0.945	1.73	1.79	0.766
Northwest	3.18	3.50	0.421	1.86 ^a	2.48	0.030
Southeast	3.21	3.16	0.901	2.21	1.93	0.275
Southwest	3.30	3.04	0.487	2.20 ^a	1.70	0.049
West	4.26	4.06	0.651	2.16	1.99	0.512

See notes at end of table.

(continued)

Table 7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year			Illicit Drug Dependence in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Iowa						
Central	4.07	3.85	0.511	1.46	1.34	0.449
North Central	4.54	3.82	0.153	1.59	1.43	0.457
Northeast	4.11	3.69	0.367	1.53	1.31	0.254
Northwest	4.40	4.06	0.499	1.47	1.35	0.523
Southeast	3.51	3.43	0.838	1.33	1.15	0.268
Southwest	4.04	4.30	0.578	1.47	1.43	0.829
	3.33	3.32	0.984	1.30	1.33	0.862
Kansas						
Kansas City Metro	3.78	3.79	0.980	1.86 ^b	1.54	0.054
Northeast	3.96	3.66	0.514	2.07 ^a	1.59	0.042
South Central	3.90	3.93	0.956	1.69	1.39	0.147
Southeast	3.08	3.50	0.302	1.76 ^b	1.37	0.061
West	3.86	4.13	0.573	1.72	1.50	0.315
Wichita (Sedgwick)	3.83	3.94	0.832	1.66	1.71	0.820
	3.77	3.85	0.853	1.92	1.66	0.263
Kentucky						
Adanta, Cumberland River, and Lifeskills	2.91	2.85	0.814	2.09	2.23	0.471
Bluegrass, Comprehend, and North Key	2.71	2.45	0.457	1.93	1.86	0.766
Communicare and River Valley	3.12	3.01	0.791	2.32	2.54	0.476
Four Rivers and Pennyroyal	2.76	2.91	0.698	2.08	2.19	0.685
Kentucky River, Mountain, and Pathways	2.71	2.72	0.971	1.93	2.08	0.571
Seven Counties	2.60	2.58	0.971	1.75	1.70	0.818
	3.15	3.12	0.942	2.15	2.47	0.294
Louisiana						
Regions 1 and 3	3.13	3.51	0.250	2.03	2.07	0.857
Regions 2 and 9	--	3.61	--	--	2.29	--
Regions 4, 5, and 6	3.12	3.55	0.315	2.03	1.87	0.525
Regions 7 and 8	--	3.45	--	--	1.98	--
Region 10 (Jefferson)	3.00	3.53	0.254	2.01	2.30	0.276
	3.45	3.39	0.900	1.93	1.99	0.830

See notes at end of table.

(continued)

Table 7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year			Illicit Drug Dependence in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Maine	3.27	3.29	0.930	2.17	1.93	0.202
Aroostook/Downeast	2.98	3.25	0.535	2.10	1.82	0.282
Central	3.04	3.07	0.944	1.93	2.03	0.697
Cumberland	4.08	3.49	0.225	2.32 ^b	1.86	0.081
Midcoast	2.89	2.95	0.882	2.22	1.96	0.349
Penquis	3.19	3.34	0.707	2.17	1.90	0.284
Western	3.10	3.56	0.291	2.29	2.18	0.669
York	3.06	3.21	0.734	2.06	1.82	0.345
Maryland	2.88	3.31	0.147	1.85	1.90	0.726
Anne Arundel	2.70	3.06	0.351	1.80 ^b	2.21	0.079
Baltimore City	3.64	4.26	0.258	2.57	2.81	0.527
Baltimore County	2.77	3.48	0.102	1.72	1.70	0.933
Montgomery	2.67	2.81	0.739	1.49	1.54	0.808
North Central	3.00	3.16	0.720	1.74	1.71	0.883
Northeast	2.68	3.27	0.146	2.11	2.24	0.653
Prince George's	2.96	3.38	0.369	1.85	1.77	0.766
South	2.62	3.23	0.121	1.79	1.71	0.710
West	2.88	3.16	0.500	1.76	1.69	0.747
Massachusetts	3.72	3.63	0.780	2.15	2.12	0.867
Boston	4.87	4.78	0.859	2.82	2.42	0.245
Central	3.41	3.45	0.927	2.17	2.07	0.725
Metrowest	3.85	3.51	0.455	1.83	1.80	0.901
Northeast	3.16	3.63	0.278	1.82	1.96	0.563
Southeast	3.44	3.28	0.689	2.12	2.28	0.551
Western	3.96	3.51	0.297	2.61	2.42	0.595

See notes at end of table.

(continued)

Table 7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year			Illicit Drug Dependence in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Michigan[‡]						
Detroit City	3.57	3.50	0.744	2.19	2.02	0.193
Genesee	5.10	4.46	0.297	3.80	3.80	0.997
Kalamazoo	3.56	3.57	0.971	2.63	2.61	0.931
Kent	3.43	3.44	0.987	2.00	1.66	0.126
Lakeshore	3.97	3.92	0.900	2.52 ^a	1.95	0.030
Macomb	3.51	3.42	0.791	1.92	2.01	0.671
Mid South	3.33	2.89	0.223	1.86	1.72	0.471
Northern	3.56	3.91	0.329	1.91	2.02	0.601
Oakland	2.92	3.08	0.608	1.44	1.45	0.931
Pathways and Western	3.48	3.53	0.896	2.56 ^a	2.04	0.042
Riverhaven	--	3.52	--	--	2.03	--
Saginaw	3.43	3.25	0.636	1.87	1.68	0.360
Southeast	3.37	3.32	0.880	1.90	1.98	0.717
St. Clair	3.30	3.35	0.887	1.89	1.68	0.283
Washtenaw	3.26	3.13	0.706	1.79	1.94	0.489
Washtenaw	3.53	3.38	0.660	2.28 ^a	1.71	0.018
Minnesota						
Regions 1 and 2	3.67	4.03	0.314	1.75	1.76	0.986
Regions 3 and 4	3.50	4.19	0.170	1.63 ^b	2.03	0.073
Regions 5 and 6	3.86	4.10	0.607	1.66	1.49	0.391
Regions 7A (Hennepin)	3.49	3.66	0.704	1.65	1.60	0.815
Region 7B (Ramsey)	3.77	4.19	0.445	1.92	1.73	0.408
Region 7C	4.03	4.13	0.859	1.98	1.94	0.870
Region 7C	3.50	4.05	0.265	1.70	1.92	0.288
Mississippi						
Region 1	3.15	3.09	0.826	1.91	1.65	0.127
Region 2	3.10	3.43	0.451	1.76	1.93	0.473
Region 3	3.34	3.01	0.468	1.89	1.60	0.282
Region 4	2.86	3.13	0.480	1.68	1.43	0.242
Region 5	3.32	2.92	0.348	2.07 ^a	1.53	0.023
Region 6	2.87	2.91	0.929	1.64	1.44	0.348
Region 7	2.93	3.06	0.730	1.80	1.58	0.302
Region 7	3.39	2.93	0.271	2.37 ^a	1.75	0.028

See notes at end of table.

(continued)

Table 7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year			Illicit Drug Dependence in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Missouri	3.81	3.46	0.221	1.74	1.84	0.466
Central	3.40	3.22	0.664	1.65	1.73	0.693
Eastern	4.19	3.61	0.147	1.78	1.97	0.307
Eastern (St. Louis City and County)	4.49	3.74	0.128	1.82	1.82	0.999
Eastern (excluding St. Louis)	3.60	3.38	0.590	1.69 ^a	2.26	0.015
Northwest	3.85	3.39	0.194	1.69	1.71	0.890
Northwest (Jackson)	3.97	3.50	0.329	1.83	1.81	0.934
Northwest (excluding Jackson)	3.74	3.29	0.283	1.56	1.62	0.740
Southeast	3.44	3.45	0.987	1.78	1.84	0.775
Southwest	3.56	3.45	0.787	1.76	1.85	0.680
Montana	4.29	4.36	0.864	2.01	2.10	0.630
Region 1	3.74	3.80	0.914	1.71	1.50	0.321
Region 2	3.69	3.63	0.886	1.83	1.72	0.634
Region 3	4.33	4.30	0.966	2.01	2.07	0.793
Region 4	4.51	5.17	0.250	1.85	1.99	0.577
Region 5	4.52	4.20	0.575	2.33	2.55	0.459
Nebraska	3.68	3.53	0.590	1.79	1.57	0.157
Regions 1 and 2	3.18	3.09	0.790	1.66	1.53	0.467
Region 1	--	3.09	--	--	1.46	--
Region 2	--	3.09	--	--	1.59	--
Region 3	3.14	3.40	0.493	1.56	1.43	0.478
Region 4	3.44	3.49	0.893	1.66	1.58	0.728
Region 5	4.31	4.20	0.820	1.60	1.52	0.714
Region 6	3.67	3.28	0.309	2.08 ^b	1.65	0.082
Nevada	3.54	3.49	0.896	1.88	1.93	0.806
Clark	3.50	3.46	0.927	1.94	1.97	0.897
Rural	3.15	3.18	0.954	1.77	1.93	0.504
Washoe	4.09	3.93	0.760	1.71	1.76	0.807

See notes at end of table.

(continued)

Table 7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year			Illicit Drug Dependence in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
New Hampshire						
Central	3.40	3.56	0.600	1.88	2.11	0.205
Central 1	3.37	3.76	0.272	1.87 ^a	2.36	0.033
Central 2	3.57	3.79	0.606	2.04	2.35	0.284
Northern	3.18	3.74	0.184	1.70 ^a	2.37	0.011
Southern	3.84	3.94	0.833	2.08	2.46	0.164
Southern 1 (Rockingham)	3.32	3.38	0.850	1.83	1.92	0.686
Southern 2	3.18	3.45	0.530	1.63	1.86	0.334
Southern 2	3.41	3.34	0.871	1.95	1.95	0.995
New Jersey						
Central	2.78	2.90	0.685	1.72	1.60	0.421
Metropolitan	2.63	2.77	0.708	1.54	1.72	0.339
Northern	2.77	2.87	0.805	2.02	1.69	0.167
Southern	2.67	2.70	0.950	1.60 ^b	1.30	0.088
Southern	3.12	3.38	0.538	1.77	1.83	0.814
New Mexico						
Region 1	4.09	3.98	0.772	2.13	2.17	0.855
Region 2	4.09	4.27	0.748	2.54	2.33	0.567
Region 3 (Bernalillo)	4.31	3.50	0.119	1.67	1.85	0.521
Region 4	4.28	4.10	0.718	2.20	2.27	0.827
Region 5	3.81	3.54	0.559	1.77	1.89	0.630
Region 5	3.81	4.13	0.487	2.18	2.26	0.800

See notes at end of table.

(continued)

Table 7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year			Illicit Drug Dependence in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
New York						
Region A	3.12 ^a	3.57	0.045	2.18	2.28	0.492
Region 1	3.23 ^b	3.77	0.071	2.33	2.44	0.590
Region 2	3.12	3.54	0.348	2.48	2.42	0.839
Region 3	2.91	3.54	0.114	2.50	2.73	0.444
Region 4	4.65	5.13	0.430	2.79	2.99	0.583
Region 5	2.72	3.18	0.198	1.70	1.66	0.842
Region B	2.74	3.14	0.111	1.88	1.83	0.766
Region 6	2.57	3.04	0.130	1.88	1.87	0.966
Region 7	2.92	3.04	0.760	1.84	1.75	0.655
Region 8	3.01	3.63	0.101	1.97	1.85	0.601
Region C	3.22	3.61	0.113	2.26	2.42	0.373
Region 9	3.62	3.94	0.445	2.10	2.48	0.177
Region 10	3.31	3.36	0.894	2.17	2.18	0.974
Region 11	3.09	3.61	0.137	2.48	2.81	0.263
Region 12	2.65 ^a	3.43	0.017	2.15	2.01	0.540
Region D	3.39	3.71	0.417	2.50	2.80	0.351
Region 13	3.47	3.76	0.331	2.08 ^a	2.49	0.031
Region 14	3.64	3.84	0.664	2.05 ^a	2.90	0.002
Region 15	3.40	3.61	0.588	2.02	2.14	0.622
Region 16	3.40	3.85	0.250	2.16	2.47	0.249
North Carolina						
Eastern	3.00	3.07	0.827	2.08	1.92	0.387
North Central	3.14	3.50	0.436	1.93	2.15	0.406
South Central	2.85	3.08	0.625	2.21	2.31	0.726
Western	2.69	3.09	0.330	2.09 ^b	1.67	0.058
North Dakota						
Badlands and West Central	3.82	3.56	0.409	1.51	1.39	0.422
Lake Region and South	3.53	3.24	0.486	1.37	1.33	0.806
Central	3.12	3.25	0.740	1.31	1.32	0.970
North Central and Northwest	3.57	3.36	0.600	1.48	1.36	0.534
Northeast	4.18	4.15	0.946	1.73	1.79	0.788
Southeast	4.50	3.89	0.184	1.69 ^b	1.30	0.060

See notes at end of table.

(continued)

Table 7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year			Illicit Drug Dependence in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Ohio						
Boards 2, 46, 55, and 68	3.13	3.37	0.236	1.99	2.11	0.357
Boards 3, 52, and 85	2.86	3.08	0.510	1.77	1.94	0.382
Boards 4 and 78	2.68	2.97	0.344	1.74	1.64	0.620
Boards 5 and 60	2.91	3.32	0.255	1.66	1.76	0.618
Boards 7, 15, 41, 79, and 84	3.36	3.64	0.433	1.95	2.12	0.454
Boards 8, 13, and 83	2.87	3.40	0.172	1.65	1.75	0.604
Board 9 (Butler)	2.44	2.90	0.166	1.78	1.54	0.239
Board 12	3.19	3.43	0.498	1.93	1.91	0.914
Boards 18 and 47	2.84 ^a	3.64	0.026	2.04	2.08	0.885
Boards 20, 32, 54, and 69	2.93	3.07	0.710	1.77	1.75	0.952
Boards 21, 39, 51, 70, and 80	3.01	3.06	0.869	1.69	1.64	0.802
Boards 22, 74, and 87	2.69	2.90	0.530	1.75	2.08	0.117
Boards 23 and 45	3.53	3.44	0.791	2.09	2.35	0.285
Board 25 (Franklin)	3.03	3.30	0.449	1.98	2.24	0.247
Boards 27, 71, and 73	3.95	4.01	0.887	2.50 ^b	3.02	0.100
Boards 28, 43, and 67	2.79	3.01	0.505	1.95	1.62	0.154
Board 31 (Hamilton)	3.60	3.47	0.763	1.97	1.87	0.634
Board 48 (Lucas)	3.49	3.61	0.764	2.37	2.70	0.250
Boards 50 and 76	3.38	3.62	0.559	1.89 ^a	2.51	0.016
Boards 57 (Montgomery)	2.97	3.17	0.580	1.66	1.75	0.609
Board 77 (Summit)	3.20	3.81	0.112	2.67	3.08	0.258
Oklahoma	3.11	3.64	0.187	2.46	2.05	0.135
Central	3.28	3.25	0.915	2.00	1.88	0.505
East Central	3.08	3.05	0.943	1.95	1.90	0.849
Northeast	2.68	2.80	0.744	1.70	1.79	0.683
Northwest and Southwest	3.09	3.32	0.572	2.11 ^a	1.57	0.032
Oklahoma County	3.51	3.30	0.612	1.80	1.71	0.685
Southeast	3.61	3.69	0.858	2.18	2.26	0.785
Tulsa County	2.79	2.76	0.928	1.89	1.98	0.724
Oregon	3.86	3.55	0.525	2.24 ^b	1.78	0.076
Region 1 (Multnomah)	3.44	3.43	0.966	1.87	2.21	0.112
Region 2	3.90	3.58	0.510	2.26	2.52	0.478
Region 3	3.96	3.85	0.821	2.03	2.01	0.964
Region 4	3.22	3.13	0.828	1.60 ^a	2.19	0.022
Region 5 (Central)	2.82	3.21	0.280	1.66 ^b	2.10	0.090
Region 6 (Eastern)	--	3.41	--	--	2.46	--
	--	3.36	--	--	2.08	--

See notes at end of table.

(continued)

Table 7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year			Illicit Drug Dependence in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Pennsylvania						
Region 1 (Allegheny)	3.06	2.91	0.492	1.72	1.59	0.241
Regions 2, 3, 8, and 9	3.29	3.22	0.843	2.03	2.03	0.998
Regions 4, 11, 37, and 49	2.80	2.74	0.836	1.42	1.19	0.149
Regions 5, 18, 23, 24, and 46	2.86	2.97	0.764	1.63	1.55	0.693
Regions 6, 12, 16, 31, 35, 39, 45, and 47	2.63	2.39	0.420	1.22	1.10	0.432
Regions 7, 13, 20, and 33	3.65	3.67	0.976	1.48	1.40	0.627
Regions 10, 14, 15, 27, 32, 43, and 44	2.75	2.88	0.684	1.93	1.80	0.548
Regions 17 and 21	2.89	2.78	0.737	1.78	1.70	0.693
Regions 19, 26, 28, and 42	3.63	3.36	0.521	1.57	1.30	0.114
Regions 22, 38, 40, 41, and 48	2.63	2.44	0.543	1.31 ^b	1.04	0.067
Regions 25 and 30	2.68	2.56	0.715	1.62	1.45	0.363
Regions 29 and 34	3.23	3.05	0.660	1.83 ^a	1.45	0.047
Region 36 (Philadelphia)	2.73	2.51	0.518	1.39	1.28	0.467
	4.13 ^b	3.36	0.076	2.26	2.23	0.916
Rhode Island	3.94	3.95	0.966	2.54	3.02	0.105
Bristol and Newport	3.61	3.73	0.807	2.22	2.38	0.609
Kent	3.32	3.50	0.719	2.11	2.39	0.364
Providence	4.08	4.14	0.890	2.75 ^b	3.52	0.055
Washington	4.39	3.86	0.289	2.42	2.14	0.405
South Carolina	3.41	3.65	0.477	1.86	1.82	0.810
Region 1	2.97	3.60	0.115	1.92	1.66	0.269
Region 2	3.58	3.66	0.867	1.89	1.97	0.727
Region 3	3.27	3.70	0.387	1.94	1.85	0.702
Region 4	3.78	3.67	0.836	1.71	1.79	0.734
South Dakota	3.73	3.47	0.400	1.48	1.39	0.549
Region 1	3.64	3.73	0.839	1.42	1.41	0.951
Region 2	3.64	3.09	0.177	1.47	1.23	0.159
Region 3	3.70	3.67	0.950	1.36	1.42	0.738
Region 4	4.28	3.90	0.445	1.61	1.45	0.410
Region 5	3.60	3.51	0.846	1.38	1.39	0.954
Region 6	3.17	3.33	0.702	1.49	1.32	0.408
Region 7	4.04	3.41	0.194	1.65	1.62	0.876

See notes at end of table.

(continued)

Table 7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year			Illicit Drug Dependence in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Tennessee	2.87	3.27	0.191	2.08	1.94	0.444
Region 1	2.49	2.83	0.385	1.90	1.85	0.810
Region 2	2.71	3.06	0.365	2.03	2.30	0.308
Region 3	2.76	3.35	0.162	1.95	1.97	0.956
Region 4 (Davidson)	3.32	4.01	0.180	2.54	2.34	0.556
Region 5	2.92	3.25	0.397	2.03 ^a	1.58	0.043
Region 6	3.06	3.18	0.785	1.98	1.82	0.505
Region 7 (Shelby)	2.92	3.31	0.410	2.23	1.92	0.287
Texas	3.33	3.19	0.481	1.83	1.90	0.589
Region 1	3.83	3.62	0.606	2.22	2.39	0.510
Region 2	2.93	3.14	0.510	1.67	1.78	0.585
Region 3	3.09	2.95	0.599	1.82	1.96	0.408
Region 3a	3.07	3.02	0.881	1.75	1.94	0.321
Region 3bc	3.12	2.83	0.365	1.96	1.99	0.900
Region 4	2.77	2.94	0.594	1.76	1.77	0.962
Region 5	2.94	3.25	0.377	2.20	1.80	0.110
Region 6	3.41	3.19	0.496	1.68	1.85	0.318
Region 6a	3.43	3.19	0.498	1.62	1.81	0.314
Region 6bc	3.25	3.17	0.831	2.14	2.19	0.855
Region 7	3.74	3.92	0.566	2.20	1.96	0.214
Region 7a	4.11	4.17	0.901	2.26 ^a	1.78	0.038
Region 7bcd	3.16	3.51	0.290	2.10	2.26	0.543
Region 8	3.59	3.18	0.229	1.67	1.85	0.386
Region 9	3.28	3.00	0.395	1.76	1.82	0.762
Region 10	3.19	3.06	0.733	1.86	1.73	0.562
Region 11	3.49	3.07	0.166	1.77	1.85	0.651
Region 11abd	3.81 ^b	3.12	0.075	1.76	1.84	0.672
Region 11c (Hidalgo)	2.86	2.96	0.760	1.78	1.85	0.742
Utah	3.47	3.32	0.633	2.13	1.88	0.142
Bear River, Northeastern, Summit, Tooele, and Wasatch	3.32	3.23	0.799	2.35	1.93	0.104
Central, Four Corners, San Juan, and Southwest	3.02	3.00	0.956	1.67	1.61	0.782
Davis County	3.40	3.02	0.326	2.20 ^a	1.72	0.042
Salt Lake County	3.81	3.70	0.822	2.19	2.06	0.604
Utah County	3.11	2.95	0.669	2.21	1.85	0.143
Weber, Morgan	3.50	3.31	0.627	2.01	1.72	0.219

See notes at end of table.

(continued)

Table 7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year			Illicit Drug Dependence in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Vermont	3.54	3.58	0.892	2.33 ^b	1.98	0.077
Champlain Valley	3.97	4.11	0.766	2.72 ^b	2.26	0.098
Rural Northeast	3.54	3.26	0.533	2.17	1.87	0.228
Rural Southeast	2.95	3.21	0.564	1.98	1.69	0.221
Rural Southwest	3.30	3.29	0.973	2.09	1.86	0.355
Virginia	3.29	3.58	0.322	1.86	1.92	0.727
Region 1	--	3.58	--	--	2.05	--
Region 2	3.19	3.48	0.472	1.61	1.56	0.819
Region 3	3.42	3.57	0.716	2.04	2.16	0.623
Region 4	--	3.66	--	--	2.06	--
Region 5	3.25	3.64	0.364	2.02	1.97	0.851
Washington	3.56	3.80	0.451	2.28 ^b	1.93	0.089
Region 1	3.70	3.71	0.996	2.46	2.02	0.116
Region 2	3.11	3.43	0.414	2.29 ^a	1.72	0.026
Region 3	3.58	3.38	0.673	2.14	2.12	0.929
Region 4 (King)	3.73	4.12	0.427	2.39	2.04	0.249
Region 5	3.26	3.70	0.298	2.23 ^a	1.71	0.043
Region 6	3.62	4.04	0.427	2.13	1.82	0.226
West Virginia	3.05	3.26	0.460	1.94	2.14	0.364
Eastern Highland	2.99	3.29	0.449	1.72	2.07	0.160
Northern	3.82	3.88	0.887	2.34	2.44	0.752
Northern A and B	3.46	3.46	0.990	1.58 ^a	2.48	0.002
Northern C and D	4.01	4.08	0.870	2.73	2.42	0.413
South Central	2.67	2.96	0.341	1.80	2.06	0.281
South Central I	2.68	3.01	0.404	1.59	1.99	0.142
South Central II	2.86	3.20	0.370	2.25	2.28	0.945
South Central III	2.55	2.78	0.527	1.64	1.96	0.237
Southern	2.78	2.95	0.634	1.91	1.95	0.875
Southern I and III	2.75	2.97	0.594	1.87	1.94	0.791
Southern II	2.83	2.89	0.880	1.98	1.95	0.920

See notes at end of table.

(continued)

Table 7. Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence in Past Year			Illicit Drug Dependence in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Wisconsin	3.90	3.77	0.694	1.80	1.90	0.564
Milwaukee	4.57	3.95	0.272	2.21	2.73	0.178
Northeastern	4.04	3.72	0.530	1.65	1.53	0.566
Northern	3.51	3.43	0.853	1.48	1.66	0.402
Southeastern	3.75	3.70	0.918	1.67	1.95	0.224
Southern	3.73	3.76	0.958	1.81	1.75	0.787
Western	3.60	3.97	0.389	1.91	1.83	0.729
Wyoming	3.64	3.80	0.608	2.02 ^b	1.72	0.064
Judicial District 1 (Laramie)	3.66	3.56	0.818	2.15	1.75	0.129
Judicial District 2	4.42	4.50	0.859	2.30	2.06	0.368
Judicial District 3	3.41	3.64	0.566	1.81	1.54	0.190
Judicial District 4	3.52	3.44	0.852	1.97 ^b	1.56	0.080
Judicial District 5	3.33	3.25	0.848	1.77	1.72	0.826
Judicial District 6	3.75	3.90	0.727	2.04 ^b	1.61	0.053
Judicial District 7 (Natrona)	3.72	4.17	0.367	2.14	2.07	0.806
Judicial District 8	3.00	3.15	0.709	1.68	1.42	0.230
Judicial District 9	3.77	4.32	0.310	2.11 ^a	1.61	0.027

-- Not available. These regions were not defined consistently across the two time periods, 2004-2006 and 2006-2008; hence, the 2004-2006 estimates and p values are not available for these regions. The definitions of the substate regions listed in this table are provided in Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

[‡] Names of some of the substate regions for this State have changed across the two time periods (2004-2006 vs. 2006-2008). For details, see Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

** A separate Kauai estimate is not being reported because of low precision. For more details, see Table D12 of Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

NOTE: p value: Bayes posterior probability of no change.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

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 2006-2008 estimate and the 2004-2006 estimate is statistically significant at the 0.05 level.

^b Difference between the 2006-2008 estimate and the 2004-2006 estimate is statistically significant at the 0.10 level.

¹ Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically; these estimates are based on data from original questions, excluding those on the use of over-the-counter drugs or new methamphetamine items that were added in 2005 and 2006. See Section B.4.8 in Appendix B of the *Results from the 2008 National Survey on Drug Use and Health: National Findings*.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, 2006, 2007, and 2008.

Table 8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs

State/Substate Region	Alcohol Dependence or Abuse in Past Year			Illicit Drug Dependence or Abuse in Past Year ¹			Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Total United States	7.69	7.53	0.155	2.91	2.82	0.169	9.24	9.07	0.178
Northeast	7.17	7.12	0.784	2.89	2.80	0.327	8.84	8.66	0.389
Midwest	8.44	8.28	0.316	2.83	2.71	0.123	9.85	9.69	0.349
South	7.14	6.96	0.243	2.88	2.86	0.749	8.72	8.57	0.427
West	8.24	8.06	0.403	3.02	2.89	0.232	9.78	9.59	0.427
Alabama	6.14	6.07	0.871	2.91	2.99	0.771	7.58	7.60	0.976
Region 1	5.73	5.49	0.673	2.61	2.65	0.895	6.97	6.99	0.983
Region 2	6.43	6.29	0.818	3.25	3.08	0.644	8.13	7.87	0.710
Region 3	6.09	6.45	0.603	2.83	3.33	0.163	7.38	8.13	0.287
Region 4	6.28	6.17	0.865	2.89	2.99	0.768	7.72	7.55	0.806
Alaska	7.61	7.74	0.806	3.66 ^b	3.08	0.052	9.85	9.30	0.352
Gulf Coast	7.21	7.88	0.385	3.46	3.38	0.823	9.18	9.41	0.791
Rural	8.49	7.47	0.210	3.98	3.69	0.575	11.75	10.36	0.180
Southeast	7.99	7.89	0.890	3.61 ^b	2.91	0.093	10.33	9.52	0.350
Urban	7.47	7.73	0.664	3.65 ^a	2.97	0.046	9.57	9.09	0.508
Arizona	8.67	7.87	0.169	2.85	3.07	0.370	10.07	9.52	0.375
Maricopa	8.64	7.95	0.323	2.84	3.08	0.421	10.08	9.61	0.551
Pima	9.38	8.04	0.105	3.05	3.22	0.633	10.88	9.73	0.207
Rural North	9.27	7.88	0.108	2.84	3.04	0.557	10.53	9.38	0.213
Rural South	7.33	7.25	0.917	2.59	2.86	0.423	8.48	8.93	0.563
Arkansas	7.19	7.56	0.419	3.44	3.22	0.386	9.24	9.53	0.557
Areas 1 and 2	8.12	8.64	0.448	3.58	3.02	0.117	10.17	10.15	0.979
Areas 3 and 4	7.89	7.96	0.920	3.35	3.10	0.516	9.68	10.15	0.573
Areas 5 and 6	6.68	7.71	0.109	2.99	3.58	0.103	8.51 ^a	10.09	0.031
Areas 7, 12, and 13	7.23	7.08	0.826	4.04	3.73	0.529	9.72	9.80	0.928
Areas 8, 10, and 11	6.68	7.37	0.302	2.99	2.59	0.221	8.53	9.06	0.514
Area 9	6.48	6.42	0.913	3.77	3.33	0.278	8.84	8.03	0.279

See notes at end of table.

(continued)

Table 8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year			Illicit Drug Dependence or Abuse in Past Year ¹			Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
California	8.11	8.01	0.769	3.07	2.81	0.120	9.63	9.43	0.578
Region 1	9.11	9.15	0.957	3.43	2.98	0.149	11.20	10.81	0.638
Region 2	9.87	9.16	0.347	3.39	3.48	0.785	11.39	11.09	0.727
Region 3	7.46	7.97	0.393	2.94	3.12	0.557	8.81	9.26	0.506
Region 4	8.59	8.06	0.492	3.05 ^a	2.16	0.004	10.34	9.37	0.236
Region 5	8.53	7.76	0.244	3.58 ^a	2.87	0.041	10.43	9.44	0.196
Region 6 (Santa Clara)	7.25	7.10	0.817	2.78	2.60	0.542	8.29	8.32	0.964
Region 7	8.65	8.87	0.764	3.35	3.60	0.487	10.02	10.50	0.532
Region 8	8.46	7.98	0.471	3.33 ^b	2.83	0.085	10.10	9.37	0.308
Region 9	8.73	8.89	0.802	3.52	3.63	0.747	10.52	10.79	0.718
Region 10	8.59	8.69	0.889	3.74	3.63	0.763	10.12	10.80	0.394
Region 11 (Los Angeles)	6.98	7.53	0.272	2.82	2.52	0.188	8.53	8.83	0.573
Region 12	7.07	6.74	0.560	2.61	2.40	0.442	8.40 ^b	7.30	0.071
Region 13 (Riverside)	8.47	8.28	0.788	3.16	3.15	0.968	9.86	9.71	0.826
Region 14 (Orange)	8.31 ^a	7.01	0.038	2.81	2.39	0.109	9.65 ^a	8.27	0.033
Region 15	9.25	9.48	0.730	3.08	2.95	0.633	10.63	10.93	0.690
Colorado	9.80	9.86	0.935	3.26	3.28	0.943	11.50	11.74	0.722
Region 1	10.11	10.46	0.670	3.14	3.20	0.859	11.93	12.30	0.701
Regions 2 and 7	9.93	10.31	0.651	3.33	3.54	0.575	11.65	12.47	0.359
Region 3	8.82	8.17	0.416	3.49 ^b	2.84	0.082	10.91 ^b	9.39	0.083
Region 4	9.73	8.45	0.131	3.05	2.67	0.278	11.26 ^b	9.69	0.086
Regions 5 and 6	10.13	9.78	0.665	2.86	2.98	0.755	11.19	11.62	0.646
Connecticut	8.71	8.38	0.548	3.19	2.82	0.147	10.28	9.60	0.261
Eastern	9.56	9.41	0.843	3.54 ^b	2.92	0.085	11.16	10.60	0.509
North Central	8.21	7.60	0.393	3.24	2.89	0.315	10.17 ^b	8.75	0.091
Northwestern	8.44	8.17	0.742	3.28	2.99	0.422	10.02	9.44	0.498
South Central	8.63	8.29	0.660	2.90	2.92	0.944	9.76	9.80	0.965
Southwest	9.25	9.18	0.942	3.16 ^a	2.36	0.021	10.76	10.13	0.505
Delaware	6.46	6.81	0.457	3.00	3.01	0.954	8.29	8.71	0.429
Kent	6.74	6.33	0.489	3.20	3.28	0.807	8.60	8.49	0.878
New Castle (excluding Wilmington City)	6.68	7.01	0.575	2.87	2.82	0.877	8.38	8.74	0.589
Sussex	5.64	6.29	0.331	2.80	3.11	0.393	7.41	8.18	0.297
Wilmington City	6.61 ^b	7.83	0.096	3.81	3.34	0.342	9.27	10.28	0.260

See notes at end of table.

(continued)

Table 8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year			Illicit Drug Dependence or Abuse in Past Year ¹			Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
District of Columbia	10.28	9.85	0.505	3.96	4.59	0.123	12.27	12.29	0.969
Ward 1	12.11	10.78	0.230	4.28	4.55	0.636	14.29	12.82	0.220
Ward 2	13.98	14.62	0.587	3.74	4.12	0.431	15.37	16.13	0.535
Ward 3	11.78	11.44	0.738	2.59 ^a	3.43	0.035	12.92	13.81	0.414
Ward 4	7.87	7.64	0.796	3.21	3.38	0.742	9.50	9.20	0.746
Ward 5	9.29	8.98	0.749	5.85	6.65	0.406	11.90	12.72	0.473
Ward 6	9.86	8.79	0.269	3.89	4.42	0.345	11.94	11.33	0.584
Ward 7	7.38	7.35	0.966	3.98	4.78	0.207	9.78	10.39	0.544
Ward 8	8.54	7.94	0.504	4.80	5.86	0.108	11.56	11.06	0.643
Florida[‡]	7.50	6.99	0.120	2.80	2.69	0.512	8.95	8.43	0.174
Region A - Northwest	8.97	8.28	0.184	3.76 ^a	3.22	0.043	10.91	10.09	0.184
Circuit 1	7.92	7.60	0.626	3.64	3.19	0.198	10.02	9.49	0.522
Circuit 2	11.22	9.97	0.136	4.42	3.70	0.109	13.27	12.03	0.219
Circuit 14	8.30	7.71	0.427	3.12	2.67	0.159	9.71	8.99	0.377
Region B - Northeast	8.32	7.97	0.485	3.20	3.02	0.446	10.01	9.52	0.386
Circuits 3 and 8	9.20	8.97	0.759	3.52	3.27	0.489	10.77	10.31	0.562
Circuit 4	8.24	7.62	0.373	3.28	3.04	0.476	9.99	9.17	0.320
Circuit 7	7.78	7.77	0.986	2.86	2.84	0.957	9.48	9.45	0.974
Region C - Central	7.59	7.14	0.278	2.77	2.71	0.735	8.90	8.44	0.309
Circuit 5	6.46	7.00	0.408	2.60	2.85	0.418	7.85	8.79	0.228
Circuit 9	8.85 ^b	7.67	0.098	3.02	3.03	0.970	10.32 ^b	8.93	0.065
Circuit 10	6.88	6.96	0.904	2.49	2.42	0.773	7.84	8.03	0.793
Circuit 18	7.80	7.10	0.268	2.98 ^a	2.38	0.029	9.13	8.12	0.147
Circuit 19	7.13	6.53	0.350	2.45	2.63	0.536	8.32	7.82	0.521
Region D - Southeast	--	6.55	--	--	2.54	--	--	8.12	--
Circuit 15 (Palm Beach)	7.20	6.97	0.727	2.67	2.82	0.606	8.73	8.82	0.918
Circuit 17 (Broward)	7.01	6.24	0.196	2.44	2.33	0.697	8.38	7.60	0.268
Region E - Sun Coast	7.47 ^b	6.78	0.099	2.72	2.79	0.742	9.00	8.43	0.251
Circuit 6	7.04	6.18	0.180	2.60	2.39	0.451	8.50	7.38	0.130
Circuit 12	7.19	7.28	0.904	2.58 ^a	3.32	0.034	8.66	9.29	0.472
Circuit 13 (Hillsborough)	8.20 ^a	6.86	0.035	3.25	2.94	0.338	9.96 ^b	8.63	0.080
Circuit 20	7.48	7.09	0.600	2.42	2.77	0.201	8.90	8.95	0.957
Region F - Southern (Circuits 11 and 16)	6.36	5.95	0.506	2.42	2.05	0.157	7.47	6.79	0.317

See notes at end of table.

(continued)

Table 8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year			Illicit Drug Dependence or Abuse in Past Year ¹			Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Georgia	6.25	6.72	0.330	2.88	3.12	0.349	8.09	8.74	0.215
Region 1	5.96	5.75	0.742	2.81	2.60	0.459	7.71	7.08	0.370
Region 2	5.75	6.46	0.265	2.46	2.69	0.442	7.12	7.81	0.299
Region 3	6.72	7.30	0.378	3.20	3.43	0.508	8.88	9.73	0.265
Region 4	6.28	6.47	0.778	2.39 ^a	3.20	0.016	7.83	8.60	0.299
Region 5	5.61	6.44	0.169	2.92	3.09	0.590	7.37	8.52	0.103
Hawaii	7.28 ^b	8.54	0.056	2.54	2.45	0.783	8.49 ^a	10.02	0.029
Hawaii Island	7.47	8.04	0.508	2.42	2.71	0.462	8.68	9.59	0.345
Honolulu	7.24 ^a	8.84	0.033	2.54	2.43	0.770	8.43 ^a	10.37	0.015
Kauai and Maui ^{**}	7.34	7.63	0.688	2.66	2.32	0.344	8.62	8.84	0.775
Maui	7.73	7.82	0.912	2.61	2.25	0.333	8.89	8.87	0.982
Idaho	7.96	7.55	0.369	2.86	2.81	0.780	9.24	8.81	0.374
Region 1	7.45	8.23	0.286	2.35	2.57	0.425	8.59	9.79	0.157
Region 2	8.96	8.76	0.798	2.98	2.59	0.237	10.14	9.77	0.661
Region 3	7.38 ^b	6.29	0.083	2.93	2.48	0.114	8.80 ^a	7.16	0.020
Region 4	9.24	8.51	0.293	3.25	3.66	0.245	10.71	10.47	0.756
Region 5	7.27	6.91	0.566	2.68	2.38	0.264	8.47	7.75	0.306
Region 6	7.59	7.48	0.867	2.57	2.63	0.829	8.69	8.52	0.814
Region 7	6.73	6.16	0.323	2.90 ^a	2.26	0.026	7.85 ^b	6.71	0.067
Illinois	8.05	8.11	0.866	2.88 ^b	2.57	0.057	9.44	9.38	0.883
Region I (Cook)	8.40	8.06	0.529	3.45 ^a	2.60	0.002	10.24	9.50	0.235
Region II	7.79	7.90	0.832	2.47	2.50	0.896	8.80	8.93	0.813
Region III	8.40	9.36	0.123	2.33 ^a	2.86	0.034	9.28 ^a	10.87	0.017
Region IV	7.60	7.31	0.642	2.39	2.06	0.185	8.70	8.17	0.429
Region V	7.24	8.18	0.108	2.60	2.70	0.702	8.58	9.52	0.168
Indiana	7.81	7.13	0.107	2.87	3.03	0.485	9.14	8.67	0.344
Central	7.69	7.24	0.489	2.80	3.10	0.388	9.05	8.87	0.811
East	7.40	6.68	0.273	2.58	2.72	0.669	8.33	8.11	0.769
North Central	7.79	7.41	0.590	2.83	2.76	0.821	9.20	8.81	0.631
Northeast	7.25	7.06	0.771	2.64	3.02	0.233	8.37	8.28	0.891
Northwest	7.26	6.63	0.313	2.80 ^a	3.71	0.010	8.64	8.87	0.762
Southeast	7.67 ^b	6.51	0.078	3.21	3.20	0.964	8.93	8.18	0.294
Southwest	8.02 ^a	6.65	0.038	3.04 ^a	2.45	0.050	9.82 ^a	7.87	0.010
West	9.46	8.38	0.121	3.16	2.98	0.594	10.78	9.64	0.145

See notes at end of table.

(continued)

Table 8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year			Illicit Drug Dependence or Abuse in Past Year ¹			Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Iowa	9.42	9.02	0.434	2.24	1.93	0.111	10.34	9.86	0.384
Central	9.79	8.73	0.159	2.38	2.01	0.157	10.95	9.96	0.235
North Central	9.83	8.96	0.256	2.36 ^b	1.87	0.052	10.67	9.49	0.171
Northeast	9.92	9.82	0.898	2.36 ^b	1.92	0.091	10.85	10.66	0.821
Northwest	8.25	8.14	0.881	2.00	1.65	0.111	9.11	8.79	0.692
Southeast	9.58	9.47	0.885	2.25	2.11	0.584	10.58	10.40	0.830
Southwest	8.65	8.12	0.481	1.95	1.97	0.950	9.15	8.72	0.577
Kansas	8.61	8.47	0.785	2.76 ^a	2.20	0.010	9.98	9.48	0.366
Kansas City Metro	9.59	8.88	0.347	3.19 ^a	2.28	0.004	11.15	10.08	0.210
Northeast	8.79	8.41	0.600	2.45 ^b	1.93	0.065	10.02	9.12	0.240
South Central	7.20	7.47	0.681	2.57 ^a	2.01	0.046	8.40	7.91	0.500
Southeast	8.43	8.51	0.909	2.67 ^a	2.05	0.023	9.82	9.26	0.485
West	8.04	8.20	0.831	2.42	2.33	0.744	9.28	9.68	0.628
Wichita (Sedgwick)	8.13	8.67	0.473	2.75	2.45	0.338	9.52	9.90	0.628
Kentucky	6.70 ^a	5.80	0.039	2.91	3.20	0.225	8.38	7.97	0.404
Adanta, Cumberland River, and Lifeskills	6.48 ^a	5.25	0.029	2.63	2.55	0.798	7.71	6.79	0.178
Bluegrass, Comprehend, and North Key	7.17	6.26	0.172	3.09	3.54	0.226	8.95	8.77	0.814
Communicare and River Valley	6.43	5.83	0.311	2.90	3.38	0.181	8.18	8.23	0.942
Four Rivers and Pennyroryal	6.50 ^b	5.37	0.063	2.77	3.01	0.471	8.09	7.29	0.279
Kentucky River, Mountain, and Pathways	5.92	5.57	0.520	2.65	2.34	0.318	7.45	7.06	0.548
Seven Counties	6.93 ^b	5.91	0.097	3.09	3.73	0.118	8.93	8.50	0.588
Louisiana	7.51	7.21	0.549	3.04	2.96	0.755	9.44	8.97	0.399
Regions 1 and 3	--	7.45	--	--	3.34	--	--	9.30	--
Regions 2 and 9	8.09	7.58	0.478	3.25	2.80	0.197	10.21	9.25	0.229
Regions 4, 5, and 6	--	6.76	--	--	2.57	--	--	8.27	--
Regions 7 and 8	7.23	7.09	0.840	2.85	3.12	0.428	9.12	9.07	0.951
Region 10 (Jefferson)	7.61	7.24	0.623	2.80 ^b	3.43	0.085	9.29	9.26	0.965

See notes at end of table.

(continued)

Table 8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year			Illicit Drug Dependence or Abuse in Past Year ¹			Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Maine	7.35	6.96	0.438	3.35 ^b	2.88	0.058	9.84	9.02	0.109
Aroostook/Downeast	6.91	6.44	0.501	3.14	2.67	0.157	9.30	8.35	0.222
Central	6.93	6.77	0.816	3.02	3.11	0.816	9.04	9.13	0.915
Cumberland	8.83	7.53	0.104	3.60 ^a	2.69	0.010	11.41 ^a	9.44	0.024
Midcoast	6.70	6.58	0.858	3.39	2.87	0.144	9.33	8.47	0.269
Penquis	6.92	6.72	0.771	3.41	2.94	0.171	9.43	8.62	0.284
Western	7.12	7.11	0.987	3.74	3.17	0.163	9.76	9.24	0.494
York	7.09	7.13	0.964	2.98	2.79	0.581	9.60	9.43	0.820
Maryland	6.83	7.30	0.327	2.59	2.71	0.574	8.21	8.72	0.327
Anne Arundel	6.88	7.71	0.249	2.47 ^a	3.28	0.011	8.08 ^a	9.83	0.039
Baltimore City	7.57	7.64	0.927	3.41	3.75	0.425	9.76	9.74	0.982
Baltimore County	6.97	7.90	0.190	2.32	2.48	0.537	8.19	9.45	0.128
Montgomery	6.51	6.20	0.638	2.22	2.37	0.574	7.63	7.31	0.658
North Central	7.45	7.58	0.870	2.50	2.49	0.974	8.55	8.69	0.859
Northeast	6.85	7.95	0.114	2.92	3.21	0.397	8.48	9.61	0.163
Prince George's	6.53	6.93	0.569	2.75	2.36	0.230	8.16	8.17	0.994
South	6.16	7.26	0.110	2.53	2.32	0.452	7.32	8.23	0.221
West	6.81	7.28	0.490	2.42	2.52	0.706	7.96	8.31	0.644
Massachusetts	8.10	8.51	0.430	3.05	3.01	0.896	9.90	10.37	0.389
Boston	9.03	9.89	0.323	3.59	3.13	0.271	11.03	11.34	0.737
Central	8.12	8.31	0.786	3.30	3.07	0.512	10.41	10.34	0.937
Metrowest	8.43	8.34	0.907	2.66	2.57	0.770	9.64	9.60	0.955
Northeast	7.02 ^b	8.19	0.097	2.63	2.89	0.406	8.76	9.85	0.186
Southeast	7.95	8.43	0.536	3.03	3.37	0.365	9.67	10.94	0.144
Western	8.46	8.33	0.863	3.65	3.27	0.305	10.87	10.82	0.958

See notes at end of table.

(continued)

Table 8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year			Illicit Drug Dependence or Abuse in Past Year ¹			Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Michigan[‡]	8.01	7.79	0.472	3.08	2.88	0.221	9.70	9.41	0.410
Detroit City	7.87	7.92	0.948	4.74	4.66	0.891	10.70	10.81	0.903
Genesee	8.06	7.59	0.483	3.79	3.46	0.414	10.75	9.78	0.221
Kalamazoo	7.98	8.00	0.975	2.65	2.31	0.218	9.25	9.11	0.852
Kent	8.45	8.03	0.499	3.32 ^b	2.80	0.089	10.31	9.59	0.310
Lakeshore	8.42	8.25	0.774	2.90	3.02	0.650	9.83	10.45	0.383
Macomb	7.91 ^a	6.76	0.034	3.00	2.66	0.228	9.79 ^a	8.00	0.008
Mid South	8.08	8.75	0.263	2.87	3.03	0.552	9.58	10.33	0.270
Northern	7.35	7.26	0.883	2.31	2.44	0.612	8.49	8.65	0.817
Oakland	8.29	7.81	0.461	3.43 ^b	2.80	0.051	10.14	9.34	0.252
Pathways and Western	--	8.05	--	--	3.07	--	--	10.00	--
Riverhaven	8.08	7.57	0.437	2.77	2.43	0.225	9.20	8.48	0.315
Saginaw	7.60	7.72	0.857	2.85	2.98	0.690	9.05	9.18	0.859
Southeast	7.92	7.53	0.514	2.62	2.45	0.450	9.49	9.00	0.453
St. Clair	7.53	7.33	0.741	2.57	2.63	0.834	8.70	8.46	0.733
Washtenaw	8.33	8.19	0.810	3.14 ^b	2.61	0.072	9.88	9.68	0.771
Minnesota	9.20	9.98	0.177	2.64	2.65	0.953	10.50	11.03	0.392
Regions 1 and 2	9.26 ^b	10.93	0.062	2.58	2.87	0.382	10.42 ^b	12.05	0.088
Regions 3 and 4	8.64 ^a	10.26	0.040	2.45	2.05	0.146	9.76	10.86	0.169
Regions 5 and 6	9.60	10.07	0.562	2.42	2.36	0.810	10.83	10.82	0.991
Region 7A (Hennepin)	9.23	9.43	0.821	3.03	2.78	0.465	10.88	10.87	0.993
Region 7B (Ramsey)	8.96	9.27	0.723	2.67 ^b	3.27	0.079	10.20	10.49	0.744
Region 7C	9.32	10.10	0.371	2.55	2.87	0.282	10.55	11.28	0.413
Mississippi	6.22	6.21	0.976	2.88	2.57	0.152	7.76	7.59	0.725
Region 1	6.16	6.75	0.329	2.60	2.87	0.355	7.43 ^b	8.71	0.064
Region 2	6.82	6.39	0.523	2.81	2.52	0.373	8.39	8.01	0.605
Region 3	5.83	6.31	0.397	2.74	2.40	0.289	7.37	7.73	0.579
Region 4	6.31	5.80	0.392	3.02 ^a	2.27	0.014	8.08 ^a	6.65	0.028
Region 5	5.58	5.60	0.976	2.58	2.24	0.292	7.08	6.60	0.470
Region 6	5.75	5.95	0.728	2.69	2.40	0.312	7.20	6.89	0.632
Region 7	6.56	6.07	0.388	3.50	2.93	0.106	8.26	7.48	0.264

See notes at end of table.

(continued)

Table 8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year			Illicit Drug Dependence or Abuse in Past Year ¹			Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Missouri	9.23 ^b	8.24	0.051	2.87	2.77	0.660	10.43	9.86	0.305
Central	9.35 ^a	7.65	0.020	2.73	2.63	0.757	10.68 ^a	8.85	0.019
Eastern	9.73 ^b	8.49	0.059	2.95	3.04	0.758	10.86	10.33	0.470
Eastern (St. Louis City and County)	9.65 ^b	8.17	0.051	2.95	2.81	0.667	10.68	9.84	0.326
Eastern (excluding St. Louis)	9.89	9.09	0.354	2.96	3.46	0.159	11.22	11.23	0.992
Northwest	9.30 ^a	7.98	0.038	2.92	2.54	0.146	10.53 ^b	9.40	0.100
Northwest (Jackson)	9.57	8.21	0.112	3.26 ^a	2.55	0.041	11.08	9.62	0.114
Northwest (excluding Jackson)	9.07 ^b	7.79	0.065	2.61	2.54	0.812	10.04	9.22	0.292
Southeast	8.61	8.60	0.987	2.90	2.59	0.310	9.57	10.00	0.607
Southwest	8.34	8.28	0.941	2.69	2.77	0.797	9.73	10.25	0.523
Montana	10.43	9.97	0.473	3.09	3.10	0.986	11.68	11.01	0.282
Region 1	9.30	8.87	0.634	2.53	2.27	0.357	10.23	9.37	0.324
Region 2	9.08	7.97	0.168	2.52	2.36	0.598	9.93 ^b	8.43	0.061
Region 3	10.51	9.63	0.292	2.95	2.78	0.557	11.76 ^b	10.23	0.092
Region 4	10.68	11.11	0.600	2.83 ^b	3.38	0.096	11.66	12.40	0.393
Region 5	11.15	10.45	0.455	3.85	3.63	0.562	12.92	11.99	0.348
Nebraska	9.62	8.92	0.221	2.39	2.15	0.244	10.47	9.75	0.191
Regions 1 and 2	8.16	7.50	0.317	2.21	2.13	0.727	8.92	8.25	0.353
Region 1	--	7.88	--	--	2.04	--	--	8.53	--
Region 2	--	7.17	--	--	2.21	--	--	8.01	--
Region 3	8.48	8.13	0.625	2.12	2.03	0.708	9.28	8.89	0.603
Region 4	8.46	8.21	0.739	2.27	2.17	0.698	9.28	9.11	0.827
Region 5	10.93	10.35	0.483	2.16	2.01	0.535	11.75	11.11	0.431
Region 6	9.96	8.88	0.184	2.70	2.28	0.130	10.88	9.78	0.175
Nevada	8.38	8.08	0.589	2.66 ^b	3.13	0.069	9.59	9.62	0.965
Clark	8.19	7.96	0.738	2.66	3.16	0.105	9.36	9.50	0.850
Rural	8.01	7.99	0.984	2.67	3.16	0.141	9.27	9.54	0.739
Washoe	9.60	8.65	0.234	2.63	3.01	0.244	10.89	10.19	0.443

See notes at end of table.

(continued)

Table 8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year			Illicit Drug Dependence or Abuse in Past Year ¹			Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
New Hampshire	8.02	7.99	0.944	2.81	2.94	0.584	9.58	9.67	0.867
Central	8.21	8.82	0.327	2.93 ^a	3.55	0.044	9.81 ^a	11.22	0.039
Central 1	8.49	8.80	0.669	3.03	3.52	0.178	10.20	10.89	0.392
Central 2	7.94	8.83	0.265	2.84 ^a	3.58	0.043	9.43 ^a	11.52	0.015
Northern	9.08	8.90	0.812	2.94	3.44	0.158	10.88	10.96	0.932
Southern	7.70	7.38	0.582	2.73	2.53	0.415	9.18	8.64	0.368
Southern 1 (Rockingham)	7.22	7.57	0.625	2.47	2.59	0.671	8.55	8.99	0.570
Southern 2	7.98	7.27	0.287	2.89	2.49	0.176	9.57	8.42	0.112
New Jersey	6.45	6.66	0.661	2.45	2.32	0.526	7.93	7.83	0.852
Central	6.12	6.84	0.257	2.35 ^b	2.84	0.080	7.69	8.30	0.401
Metropolitan	6.26	6.29	0.958	2.82	2.38	0.151	8.00	7.45	0.396
Northern	6.12	6.07	0.935	2.11	1.87	0.302	7.31	6.80	0.445
Southern	7.58	7.74	0.827	2.64	2.35	0.325	9.06	9.27	0.795
New Mexico	8.80	8.22	0.266	3.07	3.18	0.664	10.30	10.12	0.759
Region 1	8.40	8.79	0.624	3.67	3.55	0.804	10.42	10.90	0.597
Region 2	9.26 ^b	7.80	0.077	2.61	2.60	0.962	10.15	9.16	0.235
Region 3 (Bernalillo)	9.41 ^b	8.20	0.087	3.11	3.57	0.222	11.10	10.57	0.547
Region 4	8.24	7.53	0.324	2.60	2.56	0.895	9.21	9.00	0.786
Region 5	8.25	8.42	0.812	3.03	3.00	0.923	9.77	10.04	0.731

See notes at end of table.

(continued)

Table 8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year			Illicit Drug Dependence or Abuse in Past Year ¹			Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
New York	6.70	6.99	0.364	3.12	3.17	0.762	8.53	8.68	0.648
Region A	6.25	6.44	0.633	3.10	3.06	0.845	8.09	8.05	0.925
Region 1	5.35	5.77	0.436	3.42	2.95	0.182	7.08	7.03	0.937
Region 2	5.70	6.20	0.343	3.37	3.37	0.987	7.80	7.88	0.904
Region 3	9.25	8.98	0.736	3.38	3.46	0.817	11.62	11.37	0.790
Region 4	5.33	5.25	0.864	2.36	2.40	0.883	6.55	6.40	0.796
Region B	6.31	6.76	0.282	2.81	2.84	0.888	7.89	8.28	0.411
Region 5	6.35	6.82	0.413	2.74	2.87	0.658	7.94	8.23	0.645
Region 6	6.10	6.29	0.743	2.86	2.58	0.328	7.69	7.70	0.997
Region 7	6.51	7.29	0.165	2.99	3.17	0.568	8.04 ^b	9.33	0.056
Region C	7.66	7.89	0.567	3.44	3.53	0.704	9.70	9.77	0.861
Region 8	8.11	8.13	0.981	3.14	3.43	0.374	9.91	10.08	0.825
Region 9	7.29	7.23	0.914	3.57	3.51	0.876	9.29	8.90	0.582
Region 10	8.08	8.00	0.903	3.76 ^b	4.51	0.069	10.24	10.67	0.565
Region 11	6.73	7.24	0.358	3.21	3.10	0.731	8.89	8.63	0.670
Region 12	8.27	8.76	0.480	3.66	3.62	0.907	10.37	10.92	0.480
Region D	7.49	7.92	0.329	3.25 ^a	3.75	0.046	9.38	10.01	0.213
Region 13	7.36	8.32	0.124	2.89 ^a	3.87	0.003	8.73 ^a	10.74	0.004
Region 14	7.38	7.91	0.390	2.85	2.79	0.845	8.94	9.10	0.827
Region 15	7.71	7.57	0.815	3.95	4.59	0.157	10.38	10.24	0.854
North Carolina	6.31	6.49	0.712	3.16	2.76	0.105	8.25	7.98	0.622
Eastern	6.74	7.68	0.161	3.06	3.42	0.321	8.33	9.27	0.214
North Central	6.20	6.52	0.642	3.15	3.24	0.807	8.44	8.42	0.983
South Central	5.85	6.31	0.475	3.35 ^a	2.35	0.002	7.90	7.84	0.936
Western	6.46	5.93	0.397	3.07 ^a	2.37	0.021	8.32 ^b	7.06	0.067
North Dakota	9.91	9.50	0.484	2.20	2.07	0.484	10.91	10.45	0.415
Badlands and West Central	9.31	8.36	0.235	2.06	1.97	0.688	10.10	9.09	0.199
Lake Region and South Central	7.29	8.04	0.274	1.99	1.90	0.713	8.32	9.17	0.292
North Central and Northwest	9.65	8.86	0.336	2.02	2.09	0.783	10.78	10.13	0.437
Northeast	10.57	11.51	0.264	2.53	2.77	0.414	11.87	12.56	0.433
Southeast	11.88	10.84	0.222	2.43 ^a	1.90	0.042	12.84	11.65	0.180

See notes at end of table.

(continued)

Table 8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year			Illicit Drug Dependence or Abuse in Past Year ¹			Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Ohio	7.46	7.91	0.147	2.92	3.11	0.269	9.16	9.68	0.141
Boards 2, 46, 55, and 68	7.11 ^b	8.22	0.094	2.76	2.76	0.998	8.49	9.62	0.115
Boards 3, 52, and 85	6.34	7.07	0.214	2.86 ^b	2.41	0.084	7.67	8.06	0.534
Boards 4 and 78	7.42	7.77	0.562	2.44	2.80	0.194	8.80	9.39	0.403
Boards 5 and 60	7.56	8.14	0.301	3.10	3.15	0.879	9.45	9.43	0.976
Boards 7, 15, 41, 79, and 84	6.75 ^a	8.07	0.043	2.60	2.55	0.864	8.01 ^a	9.49	0.031
Boards 8, 13, and 83	6.86	7.83	0.126	2.77 ^b	2.29	0.076	8.55	8.84	0.657
Board 9 (Butler)	8.16	7.83	0.605	3.01	2.77	0.424	9.59	8.77	0.218
Board 12	6.41 ^a	7.99	0.009	2.85	3.29	0.143	7.91 ^a	9.79	0.007
Boards 18 and 47	7.29	7.32	0.965	2.52	2.76	0.352	8.78	9.05	0.703
Boards 20, 32, 54, and 69	7.17	7.99	0.197	2.63	2.68	0.854	8.71	9.39	0.312
Boards 21, 39, 51, 70, and 80	6.66	7.35	0.252	2.62 ^a	3.34	0.016	7.95 ^b	9.07	0.092
Boards 22, 74, and 87	8.39	8.62	0.704	3.09	3.28	0.549	10.22	10.20	0.975
Boards 23 and 45	7.46	7.55	0.880	2.80	3.24	0.133	8.84	9.36	0.457
Board 25 (Franklin)	8.72	9.54	0.219	3.60	4.14	0.179	10.75	11.89	0.150
Boards 27, 71, and 73	6.04	6.41	0.555	2.83	2.53	0.273	7.88	7.36	0.418
Boards 28, 43, and 67	7.69	8.57	0.186	2.83	2.72	0.672	9.27	10.01	0.321
Board 31 (Hamilton)	8.31	7.71	0.338	3.36 ^b	3.93	0.093	10.42	10.47	0.957
Board 48 (Lucas)	8.03	8.58	0.407	2.98 ^a	3.80	0.016	10.32	11.36	0.230
Boards 50 and 76	7.47	7.42	0.941	2.55	2.61	0.816	8.83	8.91	0.909
Board 57 (Montgomery)	7.37	8.10	0.259	3.43	4.05	0.109	9.79	10.94	0.145
Board 77 (Summit)	7.54	7.75	0.755	3.37	2.90	0.164	9.53	9.75	0.772
Oklahoma	7.48	6.82	0.129	2.86	2.69	0.462	9.06	8.39	0.183
Central	7.41	6.77	0.285	2.85	2.71	0.646	8.76	8.12	0.349
East Central	6.32	6.05	0.663	2.43	2.62	0.544	7.66	7.60	0.932
Northeast	7.45	6.65	0.228	3.02 ^a	2.32	0.036	9.17 ^b	7.87	0.079
Northwest and Southwest	7.71	7.33	0.585	2.46	2.65	0.531	9.01	8.82	0.795
Oklahoma County	7.82	7.14	0.315	2.96	3.07	0.749	9.83	9.41	0.614
Southeast	6.67	6.36	0.626	2.97	2.66	0.317	8.13	7.94	0.795
Tulsa County	8.50 ^a	7.12	0.049	3.21	2.67	0.120	10.12 ^a	8.39	0.029
Oregon	7.12	7.37	0.597	2.69	3.07	0.122	8.52	9.18	0.221
Region 1 (Multnomah)	8.11	7.63	0.541	3.40	3.56	0.727	10.21	10.01	0.838
Region 2	8.05	7.84	0.789	2.87	2.75	0.721	9.54	9.30	0.760
Region 3	6.52	6.62	0.876	2.31 ^a	3.09	0.011	7.64	8.43	0.272
Region 4	5.92 ^a	7.58	0.010	2.33 ^b	2.97	0.051	7.00 ^a	9.31	0.002
Region 5 (Central)	--	8.14	--	--	3.26	--	--	9.79	--
Region 6 (Eastern)	--	7.45	--	--	2.76	--	--	9.14	--

See notes at end of table.

(continued)

Table 8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year			Illicit Drug Dependence or Abuse in Past Year ¹			Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Pennsylvania									
Region 1 (Allegheny)	7.13 ^a	6.32	0.008	2.56 ^a	2.27	0.037	8.52 ^a	7.64	0.006
Regions 2, 3, 8, and 9	8.03 ^b	7.01	0.086	2.68	2.80	0.661	9.56	8.92	0.374
Regions 4, 11, 37, and 49	7.40 ^a	6.25	0.045	2.44 ^a	1.81	0.011	8.81 ^a	7.00	0.003
Regions 5, 18, 23, 24, and 46	6.89	6.50	0.493	2.76 ^b	2.31	0.072	8.45	8.01	0.495
Regions 6, 12, 16, 31, 35, 39, 45, and 47	5.75	5.00	0.130	1.79	1.53	0.216	6.47	5.55	0.112
Regions 7, 13, 20, and 33	8.60	7.92	0.276	2.40 ^b	1.95	0.078	9.61	9.01	0.370
Regions 10, 14, 15, 27, 32, 43, and 44	7.25	6.97	0.626	2.68	2.64	0.846	8.71	8.53	0.763
Regions 17 and 21	6.67	5.80	0.115	2.88 ^b	2.41	0.094	8.46	7.57	0.192
Regions 19, 26, 28, and 42	8.32 ^a	7.00	0.044	2.58 ^a	1.88	0.004	9.66 ^a	8.05	0.019
Regions 22, 38, 40, 41, and 48	6.15 ^a	4.76	0.007	2.00 ^a	1.50	0.008	7.09 ^a	5.27	0.001
Regions 25 and 30	6.26	5.62	0.224	2.30	1.94	0.129	7.65	6.69	0.112
Regions 29 and 34	7.25	6.40	0.158	2.61 ^a	1.94	0.011	8.81	7.70	0.102
Region 36 (Philadelphia)	6.09	5.57	0.328	2.01	1.78	0.290	7.02	6.23	0.165
	7.77 ^b	6.71	0.055	3.39	3.27	0.707	9.78	8.88	0.212
Rhode Island	8.92	8.44	0.377	3.86	4.40	0.146	11.18	11.29	0.866
Bristol and Newport	8.61	8.36	0.732	3.51	3.35	0.723	10.56	10.44	0.892
Kent	7.66	7.12	0.451	3.37	3.40	0.932	9.98	9.44	0.545
Providence	9.13	8.88	0.724	4.02 ^a	5.16	0.018	11.40	12.31	0.265
Washington	9.93 ^a	8.09	0.013	4.06 ^a	3.12	0.033	12.34 ^a	9.68	0.003
South Carolina	8.63	7.30	0.518	3.06	3.15	0.734	9.23	9.04	0.748
Region 1	6.72	6.85	0.846	2.81	2.62	0.549	8.22	8.16	0.935
Region 2	8.24	8.10	0.863	3.29	3.43	0.708	9.97	10.09	0.886
Region 3	6.95	6.63	0.652	3.05	3.07	0.962	8.52	8.25	0.721
Region 4	8.36	7.29	0.160	3.07	3.42	0.369	9.89	9.28	0.499
South Dakota	9.92	9.83	0.881	2.29	2.29	0.966	10.70	10.72	0.973
Region 1	10.51	10.42	0.923	2.15	2.22	0.809	11.03	11.40	0.680
Region 2	10.40	9.39	0.217	2.27 ^b	1.81	0.061	10.98	9.78	0.144
Region 3	9.52	10.26	0.382	2.18	2.23	0.853	10.16	11.22	0.223
Region 4	10.16	10.12	0.964	2.52	2.55	0.928	11.33	11.40	0.938
Region 5	9.57	9.61	0.966	2.18	2.37	0.465	10.25	10.43	0.837
Region 6	9.24	9.31	0.939	2.27	2.53	0.355	10.33	10.49	0.865
Region 7	9.43	9.74	0.707	2.56	2.87	0.288	10.63	10.95	0.715

See notes at end of table.

(continued)

Table 8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year			Illicit Drug Dependence or Abuse in Past Year ¹			Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Tennessee	6.71	7.06	0.412	3.08	2.84	0.314	8.50	8.73	0.640
Region 1	6.82	6.85	0.969	3.04	2.56	0.156	8.63	8.70	0.931
Region 2	7.11	7.39	0.666	2.98	3.26	0.416	8.82	9.57	0.349
Region 3	6.36	7.22	0.183	2.96	2.99	0.908	8.21	9.09	0.267
Region 4 (Davidson)	6.80 ^b	8.03	0.093	3.27	3.23	0.923	8.90	10.04	0.184
Region 5	6.90	6.85	0.934	3.03	2.55	0.122	8.56	8.14	0.547
Region 6	6.69	6.47	0.735	2.86	2.55	0.340	8.02	7.68	0.653
Region 7 (Shelby)	6.18	6.65	0.427	3.47 ^b	2.69	0.057	8.28	8.08	0.790
Texas	7.84 ^a	7.16	0.034	2.77	2.78	0.955	9.24 ^b	8.69	0.098
Region 1	9.50	8.62	0.235	3.42	3.21	0.531	11.12	10.15	0.236
Region 2	7.06	7.54	0.428	2.54	2.75	0.440	8.40	9.34	0.182
Region 3	7.35 ^b	6.59	0.080	2.60	2.78	0.348	8.73	8.24	0.287
Region 3a	7.43	6.73	0.180	2.61	2.86	0.298	8.93	8.48	0.430
Region 3bc	7.20	6.36	0.133	2.58	2.65	0.814	8.38	7.82	0.357
Region 4	6.35	6.50	0.798	2.65	2.60	0.845	7.65	7.87	0.740
Region 5	6.99	7.47	0.443	3.06 ^a	2.31	0.016	8.93	8.65	0.684
Region 6	8.19 ^a	7.14	0.048	2.63	2.81	0.480	9.52	8.67	0.142
Region 6a	8.21 ^b	7.11	0.055	2.55	2.74	0.450	9.52	8.61	0.151
Region 6bc	7.95	7.38	0.352	3.34	3.31	0.913	9.56	9.13	0.540
Region 7	8.84	8.75	0.878	3.22	2.87	0.129	10.51	10.32	0.745
Region 7a	9.06	9.14	0.916	3.30 ^a	2.68	0.035	10.77	10.63	0.862
Region 7bcd	8.49	8.14	0.571	3.11	3.17	0.844	10.13	9.82	0.677
Region 8	8.29 ^a	6.88	0.021	2.60	2.55	0.846	9.44 ^b	8.22	0.076
Region 9	7.62	7.35	0.641	2.70	2.47	0.403	8.96	8.64	0.656
Region 10	7.00	6.82	0.754	2.97	2.85	0.667	8.52	8.39	0.845
Region 11	7.65	6.82	0.108	2.96	3.03	0.810	8.98	8.33	0.238
Region 11abd	7.81	6.81	0.102	2.93	3.18	0.431	9.14	8.33	0.227
Region 11c (Hidalgo)	7.34	6.83	0.418	3.04	2.74	0.326	8.66	8.33	0.620
Utah	6.78	6.33	0.351	3.13	2.80	0.172	8.62	7.92	0.195
Bear River, Northeastern, Summit, Tooele, and Wasatch	6.82	6.44	0.547	3.43	2.94	0.152	8.76	8.29	0.522
Central, Four Corners, San Juan, and Southwest	5.58	5.74	0.776	2.50	2.40	0.715	6.87	6.74	0.847
Davis County	6.61	5.81	0.196	3.35 ^a	2.61	0.030	8.82 ^a	7.33	0.045
Salt Lake County	7.27	6.97	0.655	3.16	3.02	0.675	9.33	8.86	0.528
Utah County	6.19	5.62	0.307	3.27	2.72	0.109	7.63	6.64	0.130
Weber, Morgan	7.33	6.30	0.127	2.96	2.67	0.390	9.14	8.33	0.322

See notes at end of table.

(continued)

Table 8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year			Illicit Drug Dependence or Abuse in Past Year ¹			Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Vermont	8.71 ^b	7.80	0.084	3.10	2.88	0.308	10.41	9.49	0.111
Champlain Valley	9.48	8.51	0.159	3.51	3.08	0.161	11.17	10.41	0.317
Rural Northeast	8.39 ^b	7.10	0.055	2.85	2.71	0.636	9.98 ^b	8.49	0.059
Rural Southeast	7.88	7.91	0.974	2.78	2.74	0.887	9.65	9.61	0.965
Rural Southwest	8.44 ^a	6.98	0.047	2.90	2.82	0.803	10.24 ^b	8.63	0.065
Virginia	7.30	7.64	0.474	2.64	2.77	0.552	8.50	9.16	0.223
Region 1	--	7.91	--	--	2.89	--	--	9.42	--
Region 2	7.34	7.12	0.745	2.20	2.15	0.840	8.20	8.04	0.824
Region 3	8.11	7.60	0.533	2.97	3.44	0.188	9.48	9.84	0.682
Region 4	--	8.10	--	--	2.98	--	--	9.97	--
Region 5	6.86	7.75	0.205	2.81	2.72	0.801	8.29	9.13	0.262
Washington	8.29	7.91	0.458	3.11 ^b	2.70	0.066	10.10	9.52	0.274
Region 1	9.07	8.47	0.424	3.28	3.01	0.404	11.02	10.22	0.386
Region 2	7.26	7.35	0.891	3.15	2.67	0.137	9.15	8.65	0.489
Region 3	8.21	7.24	0.188	2.98	2.76	0.500	9.79	9.01	0.304
Region 4 (King)	8.86	8.38	0.538	3.18	2.73	0.161	10.81	10.14	0.433
Region 5	7.62	7.79	0.812	3.10 ^a	2.49	0.039	9.47	9.56	0.906
Region 6	7.94	7.80	0.843	2.98	2.58	0.211	9.52	8.91	0.444
West Virginia	6.67	6.44	0.598	2.94	3.02	0.744	8.22	8.26	0.942
Eastern Highland	6.43	6.23	0.732	2.61	2.88	0.397	7.63	7.57	0.938
Northern	7.94	7.72	0.719	3.39	3.53	0.705	9.84	10.08	0.730
Northern A and B	7.28	7.14	0.834	2.38 ^a	3.27	0.012	8.59	9.53	0.244
Northern C and D	8.27	8.00	0.710	3.90	3.65	0.573	10.47	10.35	0.887
South Central	6.13	5.85	0.557	2.79	2.84	0.839	7.60	7.58	0.966
South Central I	6.06	5.80	0.680	2.49	2.72	0.497	7.34	7.18	0.820
South Central II	6.25	6.25	0.994	3.27	3.20	0.866	8.30	8.21	0.894
South Central III	6.10	5.61	0.438	2.64	2.69	0.895	7.29	7.40	0.868
Southern	6.23	6.08	0.765	2.99	2.84	0.637	7.88	7.88	0.993
Southern I and III	6.23	6.27	0.950	2.90	2.84	0.871	7.86	7.98	0.867
Southern II	6.23	5.68	0.375	3.17	2.84	0.394	7.93	7.67	0.715

See notes at end of table.

(continued)

Table 8. Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Alcohol Dependence or Abuse in Past Year			Illicit Drug Dependence or Abuse in Past Year ¹			Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year ¹		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Wisconsin	9.96 ^b	8.99	0.095	2.81	2.50	0.162	11.33	10.36	0.110
Milwaukee	10.28 ^a	8.07	0.008	3.30	3.22	0.845	12.47 ^a	9.96	0.007
Northeastern	9.88	9.58	0.723	2.49 ^a	1.93	0.041	11.08	10.56	0.578
Northern	9.05	9.20	0.872	2.35	2.14	0.459	10.15	10.76	0.513
Southeastern	9.90	8.77	0.202	2.83	2.95	0.715	11.22	10.56	0.458
Southern	10.00	9.30	0.375	2.77	2.31	0.157	11.17	10.47	0.401
Western	10.37 ^b	8.90	0.059	3.06 ^a	2.37	0.034	11.52 ^a	9.78	0.043
Wyoming	9.70	9.12	0.314	3.00 ^a	2.59	0.038	11.43	10.49	0.120
Judicial District 1 (Laramie)	9.34	8.21	0.169	3.07	2.55	0.115	11.43 ^b	9.77	0.073
Judicial District 2	12.47 ^a	10.67	0.046	3.64 ^b	3.02	0.068	14.55 ^a	12.24	0.018
Judicial District 3	9.32	9.91	0.472	2.87	2.48	0.199	10.84	10.87	0.973
Judicial District 4	9.28	8.07	0.159	2.86 ^b	2.33	0.076	11.04 ^a	8.84	0.018
Judicial District 5	8.69 ^b	7.36	0.092	2.52	2.48	0.867	9.94	8.72	0.160
Judicial District 6	9.56	9.45	0.902	3.31 ^a	2.51	0.011	11.46	10.61	0.350
Judicial District 7 (Natrona)	9.87	10.13	0.748	3.17	2.92	0.455	11.76	11.91	0.878
Judicial District 8	8.38	7.35	0.168	2.41	2.11	0.252	9.62 ^b	8.11	0.073
Judicial District 9	10.14	9.99	0.879	2.94	2.67	0.381	11.66	11.82	0.875

-- Not available. These regions were not defined consistently across the two time periods, 2004-2006 and 2006-2008; hence, the 2004-2006 estimates and p values are not available for these regions. The definitions of the substate regions listed in this table are provided in Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

[†] Names of some of the substate regions for this State have changed across the two time periods (2004-2006 vs. 2006-2008). For details, see Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

^{**} A separate Kauai estimate is not being reported because of low precision. For more details, see Table D12 of Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

NOTE: p value: Bayes posterior probability of no change.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

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 2006-2008 estimate and the 2004-2006 estimate is statistically significant at the 0.05 level.

^b Difference between the 2006-2008 estimate and the 2004-2006 estimate is statistically significant at the 0.10 level.

¹ Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically; these estimates are based on data from original questions, excluding those on the use of over-the-counter drugs or new methamphetamine items that were added in 2005 and 2006. See Section B.4.8 in Appendix B of the *Results from the 2008 National Survey on Drug Use and Health: National Findings*.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, 2006, 2007, and 2008.

Table 9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs

State/Substate Region	Needng But Not Receiving Treatment for Alcohol Use in Past Year ¹			Needng But Not Receiving Treatment for Illicit Drug Use in Past Year ²		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Total United States	7.33	7.16	0.129	2.61	2.53	0.157
Northeast	6.81	6.74	0.721	2.51	2.44	0.450
Midwest	8.01	7.80	0.191	2.50	2.38	0.106
South	6.83	6.69	0.337	2.59	2.56	0.658
West	7.88	7.65	0.296	2.83	2.68	0.157
Alabama	5.74	5.69	0.908	2.34	2.47	0.542
Region 1	5.32	5.23	0.866	2.19	2.27	0.769
Region 2	6.00	5.93	0.913	2.38	2.44	0.834
Region 3	5.71	5.87	0.782	2.38	2.78	0.192
Region 4	5.94	5.80	0.819	2.45	2.53	0.788
Alaska	7.14	7.03	0.808	3.35 ^b	2.77	0.058
Gulf Coast	6.78	7.04	0.682	3.42	3.30	0.787
Rural	7.45	6.65	0.250	3.65	3.37	0.601
Southeast	7.44	7.16	0.684	3.07	2.58	0.204
Urban	7.11	7.06	0.932	3.33 ^a	2.62	0.040
Arizona	8.29	7.56	0.186	2.58	2.77	0.448
Maricopa	8.37	7.70	0.336	2.54	2.84	0.328
Pima	8.76	7.60	0.129	2.83	2.78	0.887
Rural North	8.56	7.40	0.117	2.66	2.67	0.978
Rural South	7.00	6.98	0.976	2.39	2.55	0.568
Arkansas	6.65	7.24	0.158	3.11	2.88	0.391
Areas 1 and 2	7.37	8.36	0.125	3.05	2.75	0.388
Areas 3 and 4	7.25	7.69	0.512	3.07	2.71	0.328
Areas 5 and 6	6.21 ^b	7.35	0.065	2.70	3.13	0.197
Areas 7, 12, and 13	6.60	6.61	0.989	3.58	3.36	0.634
Areas 8, 10, and 11	6.16	7.01	0.165	2.70	2.32	0.219
Area 9	6.20	6.18	0.972	3.56	3.03	0.195

See notes at end of table.

(continued)

Table 9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs
 (continued)

State/Substate Region	Needng But Not Receiving Treatment for Alcohol Use in Past Year ¹			Needng But Not Receiving Treatment for Illicit Drug Use in Past Year ²		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
California	7.83	7.61	0.509	2.90	2.67	0.158
Region 1	8.87	8.61	0.725	3.54 ^b	2.90	0.070
Region 2	9.57	8.55	0.166	3.27	3.31	0.892
Region 3	7.16	7.60	0.468	3.02	2.92	0.753
Region 4	8.29	7.74	0.439	2.76 ^a	2.06	0.017
Region 5	8.12	7.38	0.248	3.40 ^a	2.67	0.048
Region 6 (Santa Clara)	7.00	6.77	0.719	2.51	2.40	0.696
Region 7	8.33	8.38	0.934	3.16	3.47	0.322
Region 8	7.88	7.40	0.433	3.05	2.72	0.314
Region 9	8.59	8.38	0.751	3.53	3.51	0.946
Region 10	8.43	7.99	0.514	3.38	3.43	0.905
Region 11 (Los Angeles)	6.72	7.15	0.375	2.68	2.35	0.141
Region 12	6.94	6.56	0.497	2.57	2.37	0.488
Region 13 (Riverside)	8.25	7.88	0.578	3.00	2.97	0.901
Region 14 (Orange)	8.06 ^a	6.73	0.028	2.46	2.29	0.483
Region 15	8.99	9.18	0.786	2.91	2.90	0.976
Colorado	9.44	9.46	0.977	3.01	2.98	0.916
Region 1	9.99	10.34	0.673	2.91	3.03	0.735
Regions 2 and 7	9.54	9.82	0.720	3.05	3.15	0.781
Region 3	8.53	7.93	0.444	3.33 ^a	2.59	0.045
Region 4	9.06	8.09	0.241	2.85	2.51	0.331
Regions 5 and 6	9.67	9.30	0.645	2.62	2.84	0.542
Connecticut	8.14	7.92	0.686	2.82 ^b	2.41	0.073
Eastern	9.12	9.08	0.960	3.23 ^b	2.67	0.099
North Central	7.36	6.96	0.563	2.95	2.55	0.237
Northwestern	7.83	7.71	0.882	2.79	2.52	0.381
South Central	8.29	8.00	0.702	2.59	2.47	0.698
Southwest	8.76	8.71	0.952	2.67 ^a	1.87	0.004
Delaware	6.02	6.40	0.407	2.77	2.80	0.886
Kent	6.15	5.95	0.727	3.06	3.24	0.637
New Castle (excluding Wilmington City)	6.40	6.70	0.612	2.56	2.46	0.715
Sussex	5.09	5.79	0.231	2.82	3.10	0.507
Wilmington City	5.85 ^b	7.03	0.071	3.30	3.23	0.882

See notes at end of table.

(continued)

Table 9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs
(continued)

State/Substate Region	Needng But Not Receiving Treatment for Alcohol Use in Past Year ¹			Needng But Not Receiving Treatment for Illicit Drug Use in Past Year ²		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
District of Columbia	9.93	9.40	0.404	3.06 ^b	3.64	0.073
Ward 1	11.52	10.15	0.179	3.27	3.54	0.529
Ward 2	13.77	14.17	0.733	3.03	3.46	0.342
Ward 3	11.79	11.43	0.718	1.98 ^a	2.73	0.024
Ward 4	7.44	7.25	0.830	2.22	2.66	0.202
Ward 5	8.72	8.50	0.820	4.43	4.91	0.503
Ward 6	9.38	8.28	0.253	2.82	3.39	0.172
Ward 7	7.03	6.80	0.775	3.12	3.73	0.221
Ward 8	8.16	7.31	0.291	4.23	5.07	0.173
Florida[‡]	7.26	6.71	0.113	2.57	2.47	0.538
Region A - Northwest	8.80	8.02	0.144	3.55	3.13	0.151
Circuit 1	7.82	7.45	0.583	3.53	3.10	0.282
Circuit 2	11.13 ^b	9.66	0.077	4.10	3.58	0.242
Circuit 14	7.89	7.22	0.344	2.84	2.61	0.468
Region B - Northeast	8.02	7.67	0.456	2.99	2.84	0.539
Circuits 3 and 8	9.06	8.64	0.535	3.41	3.19	0.542
Circuit 4	7.81	7.27	0.421	3.02	2.90	0.745
Circuit 7	7.54	7.56	0.985	2.64	2.54	0.744
Region C - Central	7.37	6.87	0.233	2.53	2.40	0.458
Circuit 5	6.31	6.90	0.407	2.38	2.40	0.950
Circuit 9	8.62 ^a	7.21	0.040	2.76	2.72	0.902
Circuit 10	6.61	6.53	0.910	2.33	2.31	0.938
Circuit 18	7.55	6.90	0.302	2.62 ^b	2.08	0.058
Circuit 19	6.95	6.43	0.480	2.36	2.34	0.942
Region D - Southeast	--	6.20	--	--	2.25	--
Circuit 15 (Palm Beach)	6.85	6.50	0.605	2.42	2.40	0.939
Circuit 17 (Broward)	6.71	5.98	0.227	2.14	2.15	0.989
Region E - Sun Coast	7.27	6.57	0.123	2.52	2.60	0.695
Circuit 6	6.91	5.90	0.117	2.40	2.19	0.399
Circuit 12	6.85	7.13	0.709	2.38 ^b	3.05	0.054
Circuit 13 (Hillsborough)	8.00 ^a	6.69	0.045	3.11	2.87	0.488
Circuit 20	7.26	6.90	0.641	2.15	2.54	0.144
Region F - Southern (Circuits 11 and 16)	6.12	5.65	0.455	2.20	1.91	0.242

See notes at end of table.

(continued)

Table 9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs
(continued)

State/Substate Region	Needng But Not Receiving Treatment for Alcohol Use in Past Year ¹			Needng But Not Receiving Treatment for Illicit Drug Use in Past Year ²		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Georgia	6.01	6.52	0.251	2.66	2.88	0.329
Region 1	5.64	5.50	0.804	2.51	2.27	0.397
Region 2	5.42	6.30	0.129	2.19	2.51	0.218
Region 3	6.50	7.06	0.373	2.95	3.17	0.483
Region 4	6.03	6.26	0.707	2.29 ^b	2.94	0.052
Region 5	5.50	6.33	0.151	2.81	2.93	0.729
Hawaii	6.85 ^a	8.34	0.024	2.38	2.38	0.984
Hawaii Island	6.90	7.81	0.269	2.26	2.63	0.388
Honolulu	6.85 ^a	8.66	0.016	2.34	2.35	0.976
Kauai and Maui ^{**}	6.82	7.36	0.457	2.63	2.32	0.402
Maui	7.22	7.53	0.706	2.54	2.21	0.390
Idaho	7.70	7.08	0.173	2.61	2.62	0.976
Region 1	7.16	7.56	0.570	2.16	2.44	0.291
Region 2	8.73	8.37	0.635	2.73	2.40	0.294
Region 3	7.01 ^b	5.81	0.054	2.72	2.29	0.150
Region 4	8.98	8.20	0.289	2.92	3.39	0.188
Region 5	6.87	6.33	0.407	2.35	2.23	0.660
Region 6	7.43	6.91	0.391	2.40	2.51	0.716
Region 7	6.70 ^b	5.70	0.087	2.72 ^a	2.10	0.029
Illinois	7.74	7.70	0.912	2.57 ^a	2.26	0.041
Region I (Cook)	8.11	7.65	0.412	3.12 ^a	2.33	0.001
Region II	7.47	7.52	0.932	2.17	2.20	0.877
Region III	7.93	8.72	0.200	2.04	2.38	0.127
Region IV	7.19	6.95	0.695	2.09	1.83	0.213
Region V	7.06	7.84	0.209	2.29	2.39	0.654
Indiana	7.50 ^a	6.52	0.023	2.59	2.63	0.830
Central	7.35	6.63	0.246	2.58	2.61	0.930
East	7.01	6.07	0.127	2.31	2.35	0.894
North Central	7.57	6.68	0.197	2.50	2.47	0.930
Northeast	6.91	6.32	0.336	2.27	2.54	0.297
Northwest	7.14 ^b	6.14	0.096	2.57 ^a	3.27	0.044
Southeast	7.41 ^a	6.03	0.042	2.96	2.85	0.733
Southwest	7.56 ^a	6.15	0.028	2.75 ^b	2.20	0.068
West	9.05 ^b	7.77	0.060	2.80	2.63	0.581

See notes at end of table.

(continued)

Table 9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs
(continued)

State/Substate Region	Needng But Not Receiving Treatment for Alcohol Use in Past Year ¹			Needng But Not Receiving Treatment for Illicit Drug Use in Past Year ²		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Iowa	9.02	8.57	0.418	2.04	1.78	0.128
Central	9.05	8.08	0.203	2.15	1.85	0.236
North Central	9.40	8.29	0.145	2.11 ^a	1.64	0.031
Northeast	9.76	9.49	0.751	2.11	1.80	0.173
Northwest	7.82	7.87	0.942	1.82	1.54	0.131
Southeast	9.35	9.05	0.704	2.11	1.94	0.486
Southwest	7.99	7.64	0.636	1.82	1.81	0.976
Kansas	8.17	7.96	0.683	2.32 ^a	1.84	0.011
Kansas City Metro	9.23	8.50	0.310	2.63 ^a	1.79	0.002
Northeast	8.42	7.95	0.533	2.11 ^b	1.67	0.054
South Central	6.64	6.77	0.835	2.16 ^a	1.68	0.046
Southeast	7.88	7.91	0.970	2.38 ^a	1.82	0.042
West	7.64	7.77	0.859	2.04	2.08	0.888
Wichita (Sedgwick)	7.58	7.98	0.538	2.30	2.09	0.439
Kentucky	6.45 ^a	5.38	0.008	2.68	2.67	0.955
Adanta, Cumberland River, and Lifeskills	6.18 ^a	4.89	0.020	2.47	2.13	0.246
Bluegrass, Comprehend, and North Key	6.92 ^b	5.79	0.058	2.90	3.04	0.711
Communicare and River Valley	6.23	5.49	0.196	2.70	3.02	0.350
Four Rivers and Pennyroyal	6.37 ^a	5.12	0.033	2.55	2.54	0.977
Kentucky River, Mountain, and Pathways	5.73	5.29	0.427	2.31	1.93	0.184
Seven Counties	6.57 ^a	5.32	0.039	2.82	2.87	0.872
Louisiana	7.29	7.04	0.615	2.85	2.63	0.353
Regions 1 and 3	--	7.26	--	--	2.74	--
Regions 2 and 9	7.97	7.48	0.487	3.02	2.57	0.176
Regions 4, 5, and 6	--	6.57	--	--	2.31	--
Regions 7 and 8	6.99	6.89	0.869	2.68	2.69	0.955
Region 10 (Jefferson)	7.39	7.07	0.672	2.63 ^b	3.25	0.093

See notes at end of table.

(continued)

Table 9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs
 (continued)

State/Substate Region	Needng But Not Receiving Treatment for Alcohol Use in Past Year ¹			Needng But Not Receiving Treatment for Illicit Drug Use in Past Year ²		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Maine	7.16	6.67	0.260	3.12	2.73	0.119
Aroostook/Downeast	6.78	6.17	0.357	2.91	2.44	0.124
Central	6.76	6.59	0.792	2.90	2.91	0.990
Cumberland	8.64 ^a	7.17	0.048	3.40 ^b	2.70	0.073
Midcoast	6.34	6.14	0.755	2.87	2.69	0.603
Penquis	6.80	6.52	0.638	3.27	2.71	0.132
Western	6.79	6.94	0.803	3.59	3.00	0.153
York	7.02	6.72	0.651	2.70	2.66	0.903
Maryland	6.45	6.96	0.262	2.27	2.38	0.571
Anne Arundel	6.54	7.29	0.289	2.17 ^a	2.87	0.026
Baltimore City	6.96	7.19	0.751	3.40	3.33	0.893
Baltimore County	6.64	7.43	0.258	2.12	2.15	0.913
Montgomery	6.20	5.93	0.661	1.75	2.04	0.187
North Central	7.17	7.35	0.803	1.99	2.12	0.612
Northeast	6.47 ^b	7.66	0.089	2.48	2.83	0.276
Prince George's	6.11	6.64	0.407	2.28	2.05	0.389
South	5.91 ^b	7.01	0.084	2.36	2.15	0.432
West	6.35	6.94	0.370	2.12	2.26	0.568
Massachusetts	7.77	8.18	0.421	2.71	2.71	0.975
Boston	8.75	9.59	0.309	3.40	2.90	0.209
Central	7.87	8.17	0.674	2.95	2.82	0.673
Metrowest	8.07	7.99	0.917	2.14	2.35	0.442
Northeast	6.80	7.71	0.190	2.26	2.55	0.275
Southeast	7.53	8.08	0.470	2.82	3.03	0.549
Western	8.07	8.09	0.981	3.40 ^b	2.81	0.087

See notes at end of table.

(continued)

Table 9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs
 (continued)

State/Substate Region	Needng But Not Receiving Treatment for Alcohol Use in Past Year ¹			Needng But Not Receiving Treatment for Illicit Drug Use in Past Year ²		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Michigan^f	7.56	7.41	0.632	2.73	2.52	0.159
Detroit City	7.12	7.40	0.677	4.76	4.43	0.555
Genesee	7.67	7.31	0.573	3.24	2.79	0.177
Kalamazoo	7.45	7.54	0.888	2.23	1.92	0.180
Kent	7.94	7.89	0.934	2.95	2.50	0.106
Lakeshore	8.00	7.89	0.862	2.54	2.52	0.954
Macomb	7.30 ^b	6.38	0.098	2.56	2.25	0.209
Mid South	7.76	8.41	0.270	2.50	2.68	0.494
Northern	7.08	7.04	0.945	2.08	2.22	0.554
Oakland	7.84	7.42	0.515	2.99 ^a	2.40	0.023
Pathways and Western	--	7.69	--	--	2.68	--
Riverhaven	7.67	7.13	0.425	2.35	2.14	0.411
Saginaw	7.14	7.11	0.967	2.49	2.50	0.963
Southeast	7.43	6.97	0.408	2.31	2.15	0.470
St. Clair	7.18	6.98	0.760	2.15	2.26	0.648
Washtenaw	8.15	8.07	0.891	2.65	2.25	0.140
Minnesota	8.81	9.45	0.268	2.32	2.33	0.973
Regions 1 and 2	8.67	10.06	0.103	2.38	2.48	0.729
Regions 3 and 4	8.35 ^b	9.66	0.085	2.13	1.86	0.280
Regions 5 and 6	9.50	9.73	0.775	2.22	2.07	0.551
Region 7A (Hennepin)	8.68	8.93	0.777	2.59	2.46	0.672
Region 7B (Ramsey)	8.53	8.84	0.708	2.44 ^b	3.00	0.100
Region 7C	8.89	9.53	0.456	2.18	2.43	0.343
Mississippi	5.90	5.92	0.967	2.67 ^a	2.25	0.045
Region 1	5.95	6.50	0.356	2.32	2.47	0.583
Region 2	6.38	5.98	0.510	2.67	2.30	0.276
Region 3	5.58	6.14	0.284	2.51	2.08	0.118
Region 4	5.95	5.45	0.366	2.74 ^a	1.97	0.008
Region 5	5.23	5.32	0.881	2.47	1.99	0.110
Region 6	5.58	5.77	0.729	2.53	2.18	0.210
Region 7	6.11	5.71	0.514	3.38 ^a	2.51	0.012

See notes at end of table.

(continued)

Table 9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs
(continued)

State/Substate Region	Needng But Not Receiving Treatment for Alcohol Use in Past Year ¹			Needng But Not Receiving Treatment for Illicit Drug Use in Past Year ²		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Missouri	8.64 ^b	7.74	0.077	2.64	2.50	0.515
Central	8.84 ^a	7.24	0.016	2.43	2.31	0.721
Eastern	9.17 ^b	7.99	0.078	2.79	2.71	0.766
Eastern (St. Louis City and County)	9.02 ^b	7.67	0.071	2.86	2.59	0.444
Eastern (excluding St. Louis)	9.46	8.59	0.309	2.67	2.94	0.401
Northwest	8.75 ^a	7.52	0.041	2.66	2.32	0.206
Northwest (Jackson)	8.90 ^b	7.58	0.100	3.11 ^a	2.34	0.043
Northwest (excluding Jackson)	8.62 ^b	7.47	0.096	2.26	2.31	0.845
Southeast	7.80	7.97	0.825	2.69	2.41	0.358
Southwest	7.75	7.77	0.977	2.40	2.52	0.660
Montana	9.63	9.26	0.500	2.79	2.91	0.620
Region 1	8.28	7.98	0.686	2.23	2.03	0.429
Region 2	7.94	7.27	0.340	2.33	2.21	0.715
Region 3	9.87	8.67	0.112	2.60	2.53	0.798
Region 4	10.08	10.55	0.556	2.49 ^a	3.20	0.022
Region 5	10.29	9.82	0.566	3.55	3.47	0.844
Nebraska	9.10	8.49	0.258	2.18	2.04	0.495
Regions 1 and 2	7.67	7.20	0.465	2.07	2.08	0.985
Region 1	--	7.50	--	--	1.99	--
Region 2	--	6.93	--	--	2.14	--
Region 3	7.92	7.76	0.816	1.90	1.92	0.931
Region 4	7.92	7.84	0.903	2.01	2.09	0.751
Region 5	10.46	9.86	0.463	1.91	1.96	0.837
Region 6	9.41	8.42	0.194	2.52	2.11	0.128
Nevada	8.03	7.79	0.685	2.43 ^b	2.87	0.098
Clark	7.89	7.76	0.848	2.46	2.89	0.160
Rural	7.43	7.31	0.863	2.21	2.70	0.101
Washoe	9.20	8.35	0.301	2.48	2.93	0.193

See notes at end of table.

(continued)

Table 9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs
 (continued)

State/Substate Region	Needng But Not Receiving Treatment for Alcohol Use in Past Year ¹			Needng But Not Receiving Treatment for Illicit Drug Use in Past Year ²		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
New Hampshire	7.65	7.59	0.901	2.53	2.67	0.502
Central	7.91	8.61	0.268	2.70 ^a	3.35	0.034
Central 1	8.24	8.57	0.644	2.85	3.38	0.157
Central 2	7.58	8.64	0.178	2.55 ^a	3.33	0.029
Northern	8.55	8.26	0.700	2.63 ^b	3.26	0.065
Southern	7.32	6.94	0.499	2.42	2.22	0.364
Southern 1 (Rockingham)	6.82	7.12	0.664	2.14	2.31	0.505
Southern 2	7.63	6.83	0.241	2.59	2.15	0.120
New Jersey	6.17	6.29	0.765	2.05	1.97	0.649
Central	5.94	6.53	0.344	1.98 ^b	2.45	0.063
Metropolitan	6.04	5.96	0.885	2.32	1.92	0.112
Northern	5.88	5.80	0.894	1.75	1.66	0.685
Southern	7.04	7.14	0.869	2.29	1.98	0.210
New Mexico	8.13	7.91	0.665	2.80	2.98	0.488
Region 1	7.64	8.39	0.313	3.50	3.40	0.834
Region 2	7.97	7.51	0.546	2.22	2.36	0.640
Region 3 (Bernalillo)	8.88	7.87	0.146	2.69	3.22	0.124
Region 4	7.78	7.26	0.477	2.58	2.59	0.979
Region 5	7.82	8.17	0.603	2.84	2.86	0.966

See notes at end of table.

(continued)

Table 9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs
 (continued)

State/Substate Region	Needng But Not Receiving Treatment for Alcohol Use in Past Year ¹			Needng But Not Receiving Treatment for Illicit Drug Use in Past Year ²		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
New York	6.29	6.57	0.362	2.63	2.75	0.466
Region A	5.89	6.00	0.750	2.67	2.64	0.897
Region 1	4.78	5.23	0.358	2.55	2.34	0.491
Region 2	5.35	5.82	0.333	3.00	2.92	0.775
Region 3	8.97	8.30	0.373	2.99	3.10	0.754
Region 4	5.03	4.98	0.914	2.07	2.10	0.891
Region B	5.91	6.41	0.209	2.19	2.44	0.166
Region 5	5.91	6.49	0.255	2.04	2.42	0.106
Region 6	5.76	5.91	0.771	2.29	2.24	0.839
Region 7	6.18	6.88	0.190	2.53	2.83	0.276
Region C	7.21	7.46	0.509	3.05	3.12	0.712
Region 8	7.47	7.73	0.670	2.61	3.03	0.181
Region 9	6.86	6.74	0.837	3.16	3.12	0.899
Region 10	7.63	7.62	0.984	3.49	4.03	0.169
Region 11	6.45	6.93	0.401	2.89	2.75	0.617
Region 12	7.81	8.24	0.512	3.29	3.19	0.761
Region D	6.85	7.33	0.265	2.66 ^a	3.19	0.015
Region 13	6.71 ^b	7.81	0.059	2.44 ^a	3.31	0.004
Region 14	6.93	7.50	0.354	2.41	2.47	0.813
Region 15	6.91	6.74	0.757	3.10 ^b	3.78	0.078
North Carolina	5.91	6.20	0.527	2.79	2.49	0.189
Eastern	6.39	7.46	0.106	2.82	3.17	0.320
North Central	5.73	6.26	0.410	2.65	2.78	0.691
South Central	5.58	6.05	0.451	2.96 ^a	2.17	0.008
Western	6.01	5.57	0.472	2.76 ^a	2.14	0.031
North Dakota	9.55	8.99	0.284	1.95	1.80	0.363
Badlands and West Central	8.84	7.72	0.117	1.80	1.68	0.561
Lake Region and South Central	7.01	7.56	0.403	1.75	1.60	0.465
North Central and Northwest	9.31	8.49	0.275	1.83	1.90	0.761
Northeast	10.33	10.93	0.448	2.30	2.38	0.800
Southeast	11.51	10.41	0.160	2.11 ^b	1.66	0.070

See notes at end of table.

(continued)

Table 9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs
(continued)

State/Substate Region	Needng But Not Receiving Treatment for Alcohol Use in Past Year ¹			Needng But Not Receiving Treatment for Illicit Drug Use in Past Year ²		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Ohio						
Boards 2, 46, 55, and 68	6.99	7.39	0.179	2.50	2.73	0.133
Boards 3, 52, and 85	6.60 ^b	7.73	0.063	2.30	2.37	0.751
Boards 4 and 78	6.03	6.68	0.245	2.30	2.07	0.314
Boards 5 and 60	6.75	7.09	0.573	2.09	2.39	0.238
Boards 7, 15, 41, 79, and 84	7.13	7.58	0.410	2.80	2.84	0.907
Boards 8, 13, and 83	6.42 ^b	7.58	0.063	2.25	2.35	0.700
Board 9 (Butler)	6.44	7.40	0.109	2.37	2.03	0.203
Board 12	7.83	7.11	0.228	2.64	2.48	0.589
Boards 18 and 47	6.12 ^a	7.34	0.032	2.38 ^a	2.99	0.031
Boards 20, 32, 54, and 69	6.88	6.94	0.914	2.21	2.49	0.220
Boards 21, 39, 51, 70, and 80	6.83	7.41	0.347	2.14	2.27	0.576
Boards 22, 74, and 87	6.20	6.85	0.271	2.22 ^a	2.89	0.008
Boards 23 and 45	7.75	7.97	0.734	2.68	2.91	0.430
Boards 25 (Franklin)	6.99	7.07	0.890	2.28	2.72	0.102
Boards 27, 71, and 73	7.93	8.82	0.173	2.94	3.49	0.115
Boards 28, 43, and 67	5.76	6.00	0.653	2.44	2.20	0.383
Board 31 (Hamilton)	7.26	8.14	0.153	2.41	2.45	0.871
Board 48 (Lucas)	7.77	7.14	0.322	2.98 ^b	3.59	0.080
Boards 50 and 76	7.58	8.15	0.386	2.61 ^a	3.41	0.015
Board 57 (Montgomery)	7.02	6.99	0.963	2.05	2.19	0.579
Board 77 (Summit)	7.00	7.59	0.328	3.04	3.61	0.131
	6.98	7.21	0.709	2.96	2.52	0.132
Oklahoma						
Central	7.11	6.53	0.169	2.69	2.42	0.212
East Central	7.01	6.59	0.486	2.53	2.32	0.465
Northeast	5.96	5.77	0.743	2.32	2.31	0.967
Northwest and Southwest	7.10	6.48	0.337	2.70 ^a	1.99	0.018
Oklahoma County	7.30	6.97	0.613	2.29	2.38	0.766
Southeast	7.49	6.87	0.347	2.73	2.77	0.894
Tulsa County	6.24	6.18	0.919	2.86	2.40	0.155
	8.14 ^a	6.60	0.021	3.20 ^b	2.54	0.078

See notes at end of table.

(continued)

Table 9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs
(continued)

State/Substate Region	Needng But Not Receiving Treatment for Alcohol Use in Past Year ¹			Needng But Not Receiving Treatment for Illicit Drug Use in Past Year ²		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Oregon	6.86	6.92	0.904	2.53	2.67	0.515
Region 1 (Multnomah)	7.87	7.25	0.442	3.35	3.04	0.457
Region 2	7.85	7.41	0.565	2.51	2.34	0.546
Region 3	6.25	6.28	0.959	2.21 ^b	2.72	0.078
Region 4	5.70 ^b	6.96	0.052	2.25	2.61	0.266
Region 5 (Central)	--	7.55	--	--	2.96	--
Region 6 (Eastern)	--	6.69	--	--	2.41	--
Pennsylvania	6.82 ^a	6.01	0.007	2.27 ^a	1.96	0.016
Region 1 (Allegheny)	7.69 ^b	6.61	0.077	2.41	2.49	0.735
Regions 2, 3, 8, and 9	7.14 ^a	5.78	0.013	2.15 ^a	1.65	0.017
Regions 4, 11, 37, and 49	6.63	6.30	0.575	2.36	1.99	0.108
Regions 5, 18, 23, 24, and 46	5.54 ^b	4.71	0.092	1.53	1.41	0.486
Regions 6, 12, 16, 31, 35, 39, 45, and 47	8.38	7.55	0.160	2.16 ^a	1.69	0.039
Regions 7, 13, 20, and 33	6.95	6.67	0.595	2.18	2.15	0.871
Regions 10, 14, 15, 27, 32, 43, and 44	6.24	5.54	0.192	2.57 ^b	2.08	0.062
Regions 17 and 21	7.94 ^a	6.54	0.021	2.34 ^a	1.68	0.004
Regions 19, 26, 28, and 42	5.80 ^a	4.54	0.012	1.84 ^a	1.35	0.003
Regions 22, 38, 40, 41, and 48	5.83	5.31	0.300	1.99 ^b	1.62	0.071
Regions 25 and 30	6.78	6.03	0.204	2.33 ^a	1.58	0.001
Regions 29 and 34	5.80	5.29	0.339	1.72	1.51	0.264
Region 36 (Philadelphia)	7.57 ^b	6.38	0.051	3.38	2.95	0.239
Rhode Island	8.52	8.27	0.647	3.38	3.90	0.113
Bristol and Newport	8.35	8.13	0.771	2.91	2.94	0.954
Kent	7.34	6.82	0.440	3.11	3.15	0.904
Providence	8.64	8.77	0.858	3.51 ^a	4.52	0.015
Washington	9.65 ^a	7.93	0.025	3.61 ^b	2.87	0.094
South Carolina	7.30	7.03	0.604	2.81	2.78	0.898
Region 1	6.37	6.69	0.626	2.44	2.27	0.564
Region 2	7.98	7.93	0.944	3.07	3.03	0.913
Region 3	6.61	6.12	0.499	2.96	2.70	0.512
Region 4	7.94	6.96	0.198	2.79	3.05	0.432

See notes at end of table.

(continued)

Table 9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Needling But Not Receiving Treatment for Alcohol Use in Past Year ¹			Needling But Not Receiving Treatment for Illicit Drug Use in Past Year ²		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
South Dakota	9.24	9.23	0.978	2.08	2.02	0.727
Region 1	9.63	10.02	0.637	1.93	1.97	0.844
Region 2	9.75	8.94	0.273	1.97	1.64	0.113
Region 3	8.94	9.53	0.444	1.98	2.06	0.757
Region 4	9.60	9.40	0.803	2.31	2.36	0.854
Region 5	9.11	9.03	0.913	2.01	1.99	0.942
Region 6	8.58	8.41	0.839	2.10	2.05	0.844
Region 7	8.58	8.99	0.598	2.45	2.47	0.937
Tennessee	6.43	6.79	0.415	2.80	2.45	0.114
Region 1	6.52	6.70	0.802	2.71	2.34	0.213
Region 2	6.84	7.06	0.735	2.65	2.73	0.776
Region 3	6.15	7.00	0.203	2.78	2.73	0.873
Region 4 (Davidson)	6.57 ^b	7.83	0.076	2.86	2.65	0.566
Region 5	6.51	6.56	0.937	2.69 ^b	2.22	0.070
Region 6	6.45	6.12	0.616	2.66	2.19	0.121
Region 7 (Shelby)	5.96	6.38	0.478	3.25 ^a	2.28	0.008
Texas	7.58 ^b	7.00	0.063	2.49	2.55	0.700
Region 1	9.24	8.39	0.210	3.17	3.02	0.636
Region 2	6.65	7.35	0.261	2.34	2.53	0.488
Region 3	7.23 ^b	6.48	0.067	2.27	2.55	0.152
Region 3a	7.34	6.59	0.124	2.25	2.63	0.104
Region 3bc	7.02	6.30	0.194	2.29	2.41	0.635
Region 4	6.11	6.26	0.804	2.49	2.48	0.971
Region 5	6.76	7.27	0.407	2.85 ^a	2.11	0.009
Region 6	7.83 ^b	6.91	0.088	2.36	2.51	0.515
Region 6a	7.85 ^b	6.88	0.097	2.28	2.44	0.500
Region 6bc	7.71	7.17	0.408	3.01	3.03	0.964
Region 7	8.63	8.62	0.983	2.88	2.65	0.319
Region 7a	8.88	9.00	0.870	2.92 ^b	2.44	0.085
Region 7bcd	8.26	8.02	0.697	2.81	2.98	0.599
Region 8	7.98 ^b	6.81	0.051	2.31	2.33	0.926
Region 9	7.18	7.07	0.865	2.42	2.30	0.644
Region 10	6.77	6.70	0.908	2.80	2.65	0.616
Region 11	7.22	6.60	0.226	2.73	2.84	0.669
Region 11abd	7.34	6.60	0.232	2.72	3.07	0.247
Region 11c (Hidalgo)	6.97	6.61	0.537	2.76	2.40	0.219

See notes at end of table.

(continued)

Table 9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs
(continued)

State/Substate Region	Needng But Not Receiving Treatment for Alcohol Use in Past Year ¹			Needng But Not Receiving Treatment for Illicit Drug Use in Past Year ²		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Utah						
Bear River, Northeastern, Summit, Tooele, and Wasatch	6.24	5.86	0.407	2.82 ^b	2.43	0.085
Central, Four Corners, San Juan, and Southwest	6.27	6.06	0.729	3.04	2.57	0.143
Davis County	5.21	5.24	0.945	2.30	2.06	0.395
Salt Lake County	6.13	5.46	0.240	2.87 ^a	2.24	0.039
Utah County	6.56	6.31	0.696	2.90	2.60	0.372
Weber, Morgan	5.98	5.37	0.267	2.82	2.38	0.145
	6.75	5.95	0.241	2.78	2.36	0.193
Vermont						
Champlain Valley	8.38 ^a	7.36	0.036	2.78	2.65	0.560
Rural Northeast	9.10 ^b	8.04	0.096	3.15	2.82	0.271
Rural Southeast	8.03 ^a	6.70	0.049	2.63	2.47	0.578
Rural Southwest	7.66	7.49	0.819	2.50	2.56	0.822
	8.14 ^a	6.56	0.023	2.48	2.64	0.577
Virginia						
Region 1	6.87	7.23	0.451	2.21	2.45	0.199
Region 2	--	7.67	--	--	2.66	--
Region 3	6.95	6.64	0.629	1.77	1.73	0.830
Region 4	7.73	7.04	0.355	2.38	2.76	0.174
Region 5	--	7.66	--	--	2.83	--
	6.44	7.41	0.124	2.46	2.59	0.652
Washington						
Region 1	7.64	7.30	0.476	2.96 ^a	2.42	0.017
Region 2	8.13	7.85	0.696	3.22	2.69	0.108
Region 3	6.70	6.79	0.889	3.13 ^a	2.48	0.050
Region 4 (King)	7.53	6.89	0.334	2.68	2.40	0.379
Region 5	8.20	7.51	0.353	2.96	2.48	0.154
Region 6	7.23	7.43	0.769	2.91 ^a	2.14	0.008
	7.26	7.08	0.804	2.98 ^b	2.37	0.059

See notes at end of table.

(continued)

Table 9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs
 (continued)

State/Substate Region	Needng But Not Receiving Treatment for Alcohol Use in Past Year ¹			Needng But Not Receiving Treatment for Illicit Drug Use in Past Year ²		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
West Virginia	6.37	6.09	0.496	2.67	2.67	0.976
Eastern Highland	6.18	5.85	0.596	2.28	2.47	0.542
Northern	7.50	7.28	0.672	3.07	3.06	0.974
Northern A and B	7.00	6.69	0.638	2.07 ^a	2.81	0.013
Northern C and D	7.76	7.57	0.765	3.57	3.18	0.335
South Central	5.89	5.55	0.458	2.49	2.56	0.797
South Central I	5.75	5.46	0.613	2.19	2.43	0.434
South Central II	5.97	5.96	0.980	2.95	2.97	0.968
South Central III	5.91	5.34	0.326	2.37	2.37	0.997
Southern	5.95	5.75	0.699	2.89	2.62	0.389
Southern I and III	5.98	5.96	0.970	2.77	2.61	0.633
Southern II	5.90	5.34	0.337	3.11	2.63	0.227
Wisconsin	9.41 ^b	8.43	0.082	2.45	2.14	0.130
Milwaukee	9.60 ^a	7.72	0.018	3.02	2.80	0.601
Northeastern	9.56	9.09	0.601	2.21 ^a	1.61	0.018
Northern	8.40	8.54	0.866	2.10	1.90	0.469
Southeastern	9.48	8.30	0.130	2.38	2.50	0.679
Southern	9.50	8.64	0.272	2.37	1.96	0.144
Western	9.37 ^b	8.02	0.078	2.58 ^b	2.05	0.068

See notes at end of table.

(continued)

Table 9. Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004-2006 and 2006-2008 NSDUHs (continued)

State/Substate Region	Needng But Not Receiving Treatment for Alcohol Use in Past Year ¹			Needng But Not Receiving Treatment for Illicit Drug Use in Past Year ²		
	2004-2006	2006-2008	p Value	2004-2006	2006-2008	p Value
Wyoming	9.26	8.50	0.137	2.60	2.36	0.177
Judicial District 1 (Laramie)	9.16 ^b	7.78	0.075	2.68	2.35	0.260
Judicial District 2	12.19 ^a	10.00	0.013	3.25	2.85	0.242
Judicial District 3	8.81	9.12	0.681	2.39	2.14	0.326
Judicial District 4	8.53	7.39	0.151	2.25	2.05	0.421
Judicial District 5	8.18 ^b	6.96	0.098	2.14	2.21	0.765
Judicial District 6	8.99	8.67	0.691	2.78 ^b	2.25	0.061
Judicial District 7 (Natrona)	9.48	9.41	0.934	2.91	2.68	0.475
Judicial District 8	7.86	6.87	0.171	2.01	1.94	0.774
Judicial District 9	9.62	9.27	0.685	2.65	2.52	0.677

-- Not available. These regions were not defined consistently across the two time periods, 2004-2006 and 2006-2008; hence, the 2004-2006 estimates and p values are not available for these regions. The definitions of the substate regions listed in this table are provided in Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

[†] Names of some of the substate regions for this State have changed across the two time periods (2004-2006 vs. 2006-2008). For details, see Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

^{**} A separate Kauai estimate is not being reported because of low precision. For more details, see Table D12 of Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

NOTE: p value: Bayes posterior probability of no change.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

^a Difference between the 2006-2008 estimate and the 2004-2006 estimate is statistically significant at the 0.05 level.

^b Difference between the 2006-2008 estimate and the 2004-2006 estimate is statistically significant at the 0.10 level.

¹ 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).

² 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), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically, these estimates are based on data from original questions excluding those on the use of over-the-counter drugs or new methamphetamine items that were added in 2005 and 2006. See Section B.4.8 in the Appendix B of the *Results from the 2008 National Survey on Drug Use and Health: National Findings*.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, 2006, 2007, and 2008.