

National Survey on Drug Use and Health: Comparison of the 2002-2004 and 2010-2012 Model-Based Substate Estimates

NOTE: The methodology used to conduct significance testing for substate estimates between the 2002-2004 and 2010-2012 NSDUHs and to calculate p values is provided after [Table 22](#).

Table 1 *Illicit Drug Use in the Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	<i>P</i>Value
Total United States	8.13 ^a	7.93 - 8.34	8.90	8.68 - 9.12	0.000
Northeast	8.48 ^a	8.09 - 8.88	9.44	9.00 - 9.90	0.001
Midwest	7.83 ^a	7.53 - 8.14	8.49	8.16 - 8.83	0.002
South	7.50	7.23 - 7.77	7.64	7.33 - 7.95	0.461
West	9.15 ^a	8.70 - 9.62	10.86	10.37 - 11.37	0.000
Alabama	6.82	5.87 - 7.91	7.60	6.53 - 8.83	0.237
Region 1	6.19	4.77 - 8.00	7.05	5.53 - 8.95	0.337
Region 2	7.70	6.21 - 9.52	8.71	7.05 - 10.71	0.316
Region 3	6.73	5.19 - 8.69	6.33	4.87 - 8.19	0.648
Region 4	6.41	5.04 - 8.12	7.70	6.14 - 9.63	0.145
Alaska	12.28	10.79 - 13.93	14.01	12.25 - 15.98	0.116
Anchorage	--	-- --	14.64	12.44 - 17.14	--
Northern	--	-- --	14.56	11.85 - 17.76	--
South Central	--	-- --	12.72	10.04 - 15.99	--
Southeast	11.66	8.92 - 15.11	13.65	10.72 - 17.23	0.249
Arizona	8.48	7.30 - 9.82	9.58	8.20 - 11.16	0.187
Maricopa	8.33	6.94 - 9.95	9.58	8.02 - 11.41	0.199
Pima	9.00	6.96 - 11.56	10.74	8.34 - 13.73	0.179
Rural North	9.65	7.40 - 12.50	9.71	7.45 - 12.58	0.962
Rural South	7.36	5.38 - 10.00	8.12	5.95 - 11.00	0.482
Arkansas¹	7.61	6.63 - 8.72	7.42	6.33 - 8.68	0.759
Catchment Area 1	--	-- --	7.91	6.12 - 10.16	--
Catchment Area 2	6.59	5.01 - 8.64	6.59	4.79 - 9.00	0.995
Catchment Area 3	7.60	5.88 - 9.78	6.64	4.99 - 8.79	0.307
Catchment Area 4	--	-- --	7.31	5.39 - 9.84	--
Catchment Area 5	--	-- --	6.90	5.21 - 9.10	--
Catchment Area 6	--	-- --	7.67	5.69 - 10.26	--
Catchment Area 7	--	-- --	6.08	4.38 - 8.39	--
Catchment Area 8	9.17	7.21 - 11.60	8.96	7.09 - 11.27	0.856

See notes at end of table.

(continued)

Table 1 *Illicit Drug Use in the Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	<i>P</i>Value
California	9.13 ^a	8.43 - 9.89	10.72	9.97 - 11.51	0.002
Region 1R	--	-- --	16.89	13.52 - 20.91	--
Region 2R	--	-- --	12.88	10.27 - 16.03	--
Region 3R (Sacramento)	--	-- --	12.29	9.81 - 15.28	--
Region 4R	--	-- --	12.34	9.98 - 15.17	--
Region 5R (San Francisco)	--	-- --	16.83	13.28 - 21.09	--
Region 6 (Santa Clara)	7.23	5.60 - 9.29	7.93	6.20 - 10.09	0.459
Region 7R (Contra Costa)	--	-- --	10.54	8.29 - 13.32	--
Region 8R (Alameda)	--	-- --	11.10	9.00 - 13.62	--
Region 9R (San Mateo)	--	-- --	8.86	6.69 - 11.64	--
Region 10	10.09	7.95 - 12.73	10.75	8.49 - 13.53	0.585
Region 11 (Los Angeles)	8.15 ^a	7.06 - 9.38	10.17	9.13 - 11.30	0.007
LA SPA 1 and 5	--	-- --	11.54	9.05 - 14.59	--
LA SPA 2	--	-- --	9.39	7.58 - 11.57	--
LA SPA 3	--	-- --	7.93	6.35 - 9.87	--
LA SPA 4	--	-- --	11.68	9.11 - 14.86	--
LA SPA 6	--	-- --	12.18	9.62 - 15.31	--
LA SPA 7	--	-- --	8.34	6.51 - 10.63	--
LA SPA 8	--	-- --	12.05	9.82 - 14.69	--
Region 12R	--	-- --	9.52	7.15 - 12.57	--
Regions 13 and 19R	--	-- --	10.34	8.63 - 12.36	--
Region 13 (Riverside)	7.61 ^a	5.94 - 9.69	10.53	8.70 - 12.70	0.006
Region 19R (Imperial)	--	-- --	7.93	5.86 - 10.67	--
Region 14 (Orange)	8.42	6.90 - 10.23	9.38	7.89 - 11.11	0.308
Region 15R (Fresno)	--	-- --	9.37	7.24 - 12.03	--
Region 16R (San Diego)	--	-- --	11.18	9.44 - 13.19	--
Region 17R	--	-- --	9.21	7.32 - 11.52	--
Region 18R (San Bernardino)	--	-- --	9.64	7.89 - 11.74	--
Region 20R	--	-- --	10.82	8.51 - 13.66	--
Region 21R	--	-- --	13.89	11.12 - 17.21	--
Colorado	10.48 ^a	9.15 - 11.98	13.85	12.23 - 15.66	0.001
Region 1	9.04 ^a	7.11 - 11.44	12.67	10.15 - 15.70	0.005
Regions 2 and 7	11.25 ^a	9.48 - 13.32	15.45	13.28 - 17.92	0.003
Region 3	9.78	7.63 - 12.46	11.08	8.71 - 14.01	0.321
Region 4	8.74	6.46 - 11.72	10.81	8.03 - 14.40	0.109
Regions 5 and 6	10.01 ^b	7.70 - 12.91	12.37	9.56 - 15.87	0.087
Connecticut	8.52 ^b	7.43 - 9.76	9.95	8.62 - 11.45	0.075
Eastern	9.07	7.03 - 11.64	9.17	7.14 - 11.71	0.936
North Central	8.61	6.87 - 10.73	9.76	7.94 - 11.94	0.294
Northwestern	10.20	8.00 - 12.93	9.59	7.36 - 12.40	0.652
South Central	8.43 ^a	6.81 - 10.39	11.83	9.62 - 14.46	0.005
Southwest	6.65 ^a	5.07 - 8.68	8.71	6.71 - 11.24	0.049

See notes at end of table.

(continued)

Table 1 *Illicit Drug Use in the Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Delaware	8.51	7.52 - 9.61	8.83	7.67 - 10.13	0.642
Kent	8.17	6.37 - 10.44	7.89	6.08 - 10.17	0.787
New Castle (excluding Wilmington City)	8.97	7.74 - 10.38	9.05	7.67 - 10.65	0.927
Sussex	6.98	5.45 - 8.91	7.68	5.99 - 9.78	0.461
Wilmington City	9.84 ^b	7.41 - 12.96	12.61	9.61 - 16.38	0.073
District of Columbia	10.37 ^a	8.98 - 11.95	14.12	12.49 - 15.93	0.000
Ward 1	12.85	9.84 - 16.61	14.55	11.31 - 18.51	0.368
Ward 2	11.84 ^b	9.14 - 15.21	14.78	11.84 - 18.29	0.096
Ward 3	9.73 ^a	7.51 - 12.51	13.24	10.41 - 16.69	0.021
Ward 4	7.73 ^a	5.68 - 10.44	12.59	9.74 - 16.13	0.001
Ward 5	9.54 ^a	7.32 - 12.34	14.53	11.58 - 18.07	0.001
Ward 6	10.75 ^a	8.00 - 14.31	14.47	11.27 - 18.39	0.042
Ward 7	10.10 ^b	7.66 - 13.21	13.21	10.26 - 16.84	0.059
Ward 8	10.56 ^a	8.25 - 13.42	15.68	12.74 - 19.15	0.003
Florida¹	8.36	7.73 - 9.04	8.37	7.71 - 9.08	0.988
Region A - Northwest	--	-- --	10.35	8.94 - 11.94	--
Circuit 1	9.63	7.61 - 12.12	9.30	7.47 - 11.53	0.767
Circuit 2	--	-- --	12.65	10.20 - 15.59	--
Circuit 14	--	-- --	9.72	7.44 - 12.61	--
Region B - Northeast	--	-- --	9.61	8.34 - 11.05	--
Circuits 3 and 8	--	-- --	10.75	8.64 - 13.30	--
Circuit 4	--	-- --	10.40	8.35 - 12.89	--
Circuit 7	--	-- --	7.87	6.23 - 9.89	--
Region C - Central	--	-- --	8.52	7.59 - 9.55	--
Circuit 5	5.29 ^a	4.02 - 6.91	7.00	5.49 - 8.87	0.042
Circuit 9	--	-- --	9.81	8.14 - 11.79	--
Circuit 10	7.53	5.88 - 9.61	7.72	6.19 - 9.59	0.843
Circuit 18	--	-- --	9.17	7.39 - 11.33	--
Circuit 19	6.93	5.31 - 9.00	8.11	6.31 - 10.37	0.220
Region D - Southeast	--	-- --	7.21	6.14 - 8.44	--
Circuit 15 (Palm Beach)	7.92	6.34 - 9.86	7.02	5.62 - 8.74	0.315
Circuit 17 (Broward)	8.65	7.09 - 10.52	7.35	6.01 - 8.97	0.158
Region E - Sun Coast	--	-- --	8.93	7.88 - 10.12	--
Circuit 6	--	-- --	9.72	7.84 - 12.01	--
Circuit 12	--	-- --	9.26	7.34 - 11.62	--
Circuit 13 (Hillsborough)	--	-- --	8.28	6.82 - 10.01	--
Circuit 20	6.09 ^a	4.72 - 7.82	8.46	6.63 - 10.74	0.015
Region F - Southern (Circuits 11 and 16)	7.21	5.97 - 8.69	6.21	5.24 - 7.33	0.158
Georgia	7.89	6.80 - 9.15	7.05	6.05 - 8.20	0.211
Region 1	--	-- --	6.18	4.86 - 7.82	--
Region 2	--	-- --	6.31	4.75 - 8.34	--
Region 3	--	-- --	8.54	6.92 - 10.49	--
Region 4	--	-- --	7.06	5.27 - 9.40	--
Region 5	--	-- --	7.09	5.19 - 9.61	--
Region 6	--	-- --	6.15	4.61 - 8.17	--

See notes at end of table.

(continued)

Table 1 *Illicit Drug Use in the Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		<i>P</i> Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Hawaii	8.68	7.40 - 10.16	9.13	7.86 - 10.57	0.602
Hawaii Island	10.68	7.99 - 14.13	10.94	8.46 - 14.02	0.872
Honolulu	7.47	6.23 - 8.94	8.40	7.09 - 9.93	0.279
Kauai and Maui	12.64	9.41 - 16.77	10.74	8.40 - 13.62	0.286
Kauai	--	-- --	10.69	7.70 - 14.65	--
Maui	--	-- --	10.76	8.11 - 14.13	--
Idaho	6.82 ^a	5.89 - 7.88	8.40	7.22 - 9.75	0.020
Region 1	7.23	5.47 - 9.51	7.65	5.78 - 10.06	0.688
Region 2	8.45	6.42 - 11.04	10.32	7.59 - 13.87	0.157
Region 3	6.34 ^b	4.84 - 8.27	8.03	6.21 - 10.33	0.085
Region 4	7.27 ^a	5.79 - 9.09	10.15	8.26 - 12.42	0.006
Region 5	6.45	4.90 - 8.46	6.21	4.69 - 8.17	0.782
Region 6	6.63 ^a	4.99 - 8.75	8.85	6.70 - 11.61	0.031
Region 7	5.36	3.94 - 7.26	6.36	4.76 - 8.43	0.245
Illinois	7.58 ^a	6.96 - 8.24	8.52	7.87 - 9.23	0.039
Region I (Cook)	8.77 ^a	7.79 - 9.86	10.40	9.31 - 11.61	0.026
Region II	6.85	5.94 - 7.88	7.05	6.22 - 7.97	0.737
Region III	6.75	5.68 - 8.00	7.83	6.63 - 9.22	0.129
Region IV	6.26	5.09 - 7.69	5.93	4.67 - 7.50	0.661
Region V	6.44 ^a	5.37 - 7.71	8.18	6.86 - 9.73	0.017
Indiana	7.77	6.77 - 8.91	8.56	7.35 - 9.95	0.265
Central	8.62	6.87 - 10.76	8.86	7.01 - 11.13	0.824
East	8.01	6.06 - 10.50	9.43	7.19 - 12.28	0.224
North Central	8.05	6.25 - 10.32	8.72	6.76 - 11.17	0.538
Northeast	6.03	4.47 - 8.08	7.33	5.47 - 9.77	0.168
Northwest	7.23	5.46 - 9.52	8.89	6.79 - 11.57	0.148
Southeast	6.40	4.83 - 8.43	7.50	5.66 - 9.87	0.250
Southwest	8.07	6.10 - 10.60	6.89	4.93 - 9.57	0.280
West	8.56	6.64 - 10.99	9.96	7.76 - 12.69	0.230
Iowa	5.99	5.10 - 7.03	6.85	5.85 - 8.01	0.150
Central	6.11	4.61 - 8.07	6.87	5.27 - 8.90	0.389
North Central	6.76 ^b	5.11 - 8.90	8.66	6.55 - 11.35	0.061
Northeast	6.01	4.73 - 7.62	6.47	5.15 - 8.10	0.557
Northwest	5.08	3.75 - 6.84	5.41	3.98 - 7.33	0.665
Southeast	6.31	4.83 - 8.19	7.70	6.03 - 9.78	0.142
Southwest	5.71	4.13 - 7.84	6.14	4.61 - 8.14	0.601
Kansas	6.42	5.49 - 7.51	5.72	4.82 - 6.77	0.209
Kansas City Metro	6.96	5.55 - 8.68	6.03	4.80 - 7.55	0.253
Northeast	5.99	4.60 - 7.76	5.27	3.96 - 7.00	0.350
South Central	6.36	4.75 - 8.46	5.36	3.90 - 7.33	0.234
Southeast	6.04	4.40 - 8.23	6.18	4.52 - 8.40	0.870
West	4.99	3.68 - 6.72	5.46	4.06 - 7.29	0.500
Wichita (Sedgwick)	7.20	5.47 - 9.42	5.85	4.43 - 7.69	0.138

See notes at end of table.

(continued)

Table 1 *Illicit Drug Use in the Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		<i>P</i> Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Kentucky	8.96 ^a	7.80 - 10.27	6.91	5.92 - 8.06	0.004
Adanta, Cumberland River, and Lifeskills	6.43	4.89 - 8.40	5.66	4.32 - 7.38	0.386
Bluegrass, Comprehend, and North Key	10.33 ^a	8.45 - 12.57	7.15	5.73 - 8.89	0.003
Communicare and River Valley	8.54 ^b	6.42 - 11.27	6.67	4.94 - 8.95	0.085
Four Rivers and Pennyroyal	7.78 ^b	5.78 - 10.40	6.17	4.62 - 8.19	0.084
Kentucky River, Mountain, and Pathways	7.91 ^a	5.96 - 10.44	5.51	4.02 - 7.51	0.011
Seven Counties	10.51	8.40 - 13.09	8.71	6.93 - 10.90	0.150
Louisiana	7.98 ^b	7.00 - 9.08	6.85	5.90 - 7.94	0.064
Regions 1 and 10	--	-- --	8.72	7.03 - 10.78	--
Region 1	9.88	7.60 - 12.77	9.49	7.28 - 12.28	0.751
Region 10 (Jefferson)	8.47	6.36 - 11.18	7.97	5.97 - 10.55	0.668
Regions 2 and 9	8.18	6.62 - 10.08	6.81	5.48 - 8.43	0.122
Region 3	7.57	5.70 - 9.99	7.04	5.27 - 9.34	0.573
Regions 4, 5, and 6	--	-- --	6.11	4.83 - 7.71	--
Regions 7 and 8	7.63 ^b	6.08 - 9.53	6.00	4.68 - 7.66	0.062
Maine¹	9.26	8.07 - 10.61	9.98	8.65 - 11.49	0.396
Aroostook/Downeast	--	-- --	8.27	6.55 - 10.39	--
Aroostook	--	-- --	7.85	5.77 - 10.60	--
Downeast	--	-- --	8.62	6.46 - 11.40	--
Central	--	-- --	9.69	7.53 - 12.39	--
Cumberland	10.55	8.49 - 13.05	10.84	8.69 - 13.44	0.828
Midcoast	8.03	6.12 - 10.47	9.36	7.07 - 12.29	0.280
Penquis	--	-- --	10.64	8.37 - 13.43	--
Western	--	-- --	11.13	8.88 - 13.87	--
York	7.75	5.96 - 10.03	9.17	7.14 - 11.71	0.224
Maryland	6.94	5.97 - 8.04	7.56	6.53 - 8.74	0.325
Anne Arundel	7.19	5.33 - 9.63	7.09	5.23 - 9.55	0.924
Baltimore City	9.63	7.38 - 12.46	10.51	8.24 - 13.31	0.503
Baltimore County	--	-- --	7.53	5.80 - 9.72	--
Montgomery	6.42	4.93 - 8.33	7.03	5.40 - 9.11	0.505
North Central	--	-- --	6.97	5.29 - 9.14	--
Northeast	--	-- --	6.35	4.65 - 8.59	--
Prince George's	7.08	5.43 - 9.17	7.46	5.71 - 9.68	0.678
South	--	-- --	8.66	6.61 - 11.28	--
West	--	-- --	6.15	4.53 - 8.29	--

See notes at end of table.

(continued)

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State/Substate Region	2002-2004		2010-2012		<i>P</i> Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Massachusetts	9.37 ^a	8.23 - 10.64	11.32	9.99 - 12.80	0.018
Boston	12.15	9.60 - 15.28	13.33	10.63 - 16.58	0.469
Central	8.50 ^a	6.58 - 10.91	11.79	9.28 - 14.88	0.008
Metrowest	8.68 ^a	7.03 - 10.67	11.24	9.12 - 13.77	0.029
Northeast	8.36	6.65 - 10.45	10.19	8.22 - 12.58	0.103
Southeast	9.36	7.50 - 11.62	11.28	9.12 - 13.87	0.128
Western	10.38	8.24 - 13.00	10.85	8.56 - 13.66	0.721
Michigan¹	9.18 ^a	8.53 - 9.87	10.79	10.05 - 11.59	0.001
Detroit City	12.06 ^a	9.97 - 14.52	17.01	14.31 - 20.10	0.002
Genesee	11.97	9.57 - 14.88	11.53	9.43 - 14.02	0.755
Kalamazoo	--	-- --	10.37	8.57 - 12.51	--
Kent	8.05 ^a	6.50 - 9.94	10.24	8.44 - 12.38	0.030
Lakeshore	--	-- --	9.38	7.80 - 11.25	--
Macomb	8.59	7.10 - 10.37	9.29	7.67 - 11.21	0.484
Mid South	--	-- --	10.58	8.87 - 12.58	--
Northern	7.93 ^a	6.47 - 9.70	11.01	9.19 - 13.13	0.004
Oakland	8.31	6.96 - 9.90	9.62	8.12 - 11.37	0.171
Pathways and Western	--	-- --	13.05	10.49 - 16.14	--
Riverhaven	8.06 ^b	6.15 - 10.49	10.08	8.04 - 12.59	0.082
Saginaw	8.22 ^a	6.26 - 10.72	11.26	8.82 - 14.26	0.010
Southeast	9.55	8.09 - 11.25	10.93	9.31 - 12.80	0.182
St. Clair	7.66 ^b	5.96 - 9.80	9.42	7.43 - 11.87	0.088
Washtenaw	9.00	7.31 - 11.05	9.75	8.05 - 11.78	0.459
Minnesota	7.41	6.41 - 8.56	7.94	6.84 - 9.20	0.427
Regions 1 and 2	8.39	6.31 - 11.08	8.19	6.03 - 11.03	0.861
Regions 3 and 4	6.53	5.09 - 8.34	7.20	5.60 - 9.22	0.424
Regions 5 and 6	6.46 ^b	5.04 - 8.25	8.00	6.30 - 10.13	0.088
Region 7A (Hennepin)	9.04	7.14 - 11.39	8.36	6.60 - 10.54	0.543
Region 7B (Ramsey)	8.70	6.49 - 11.56	9.49	6.97 - 12.80	0.541
Region 7C	6.05	4.68 - 7.80	7.26	5.72 - 9.18	0.164
Mississippi	6.18 ^a	5.29 - 7.21	7.77	6.70 - 8.99	0.011
Region 1	5.24 ^a	4.01 - 6.82	7.44	5.91 - 9.34	0.008
Region 2	6.36 ^b	4.84 - 8.32	8.16	6.18 - 10.69	0.077
Region 3	5.77 ^a	4.34 - 7.63	7.53	5.79 - 9.74	0.048
Region 4	6.23 ^b	4.79 - 8.05	7.85	6.21 - 9.88	0.080
Region 5	5.44 ^b	3.92 - 7.50	7.16	5.14 - 9.91	0.053
Region 6	6.61	4.94 - 8.79	6.88	5.21 - 9.05	0.767
Region 7	7.62	5.72 - 10.08	8.84	6.91 - 11.25	0.271

See notes at end of table.

(continued)

Table 1 *Illicit Drug Use in the Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		<i>P</i> Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Missouri	8.40	7.30 - 9.65	7.33	6.33 - 8.48	0.110
Central	9.30 ^a	7.31 - 11.77	6.44	4.93 - 8.36	0.004
Eastern	8.61	7.04 - 10.49	8.42	7.02 - 10.08	0.835
Eastern (St. Louis City and County)	8.84	6.90 - 11.25	8.93	7.18 - 11.05	0.935
Eastern (excluding St. Louis)	8.14	6.17 - 10.66	7.54	5.82 - 9.73	0.569
Northwest	9.03 ^b	7.40 - 10.97	7.42	6.04 - 9.09	0.065
Northwest (Jackson)	10.62 ^a	8.18 - 13.67	8.03	6.18 - 10.37	0.038
Northwest (excluding Jackson)	7.59	5.75 - 9.95	6.91	5.29 - 8.98	0.473
Southeast	7.05	5.30 - 9.32	5.61	4.18 - 7.50	0.104
Southwest	7.20	5.59 - 9.22	6.87	5.27 - 8.90	0.719
Montana	10.13 ^a	8.90 - 11.52	11.95	10.51 - 13.56	0.038
Region 1	8.60	6.47 - 11.35	9.59	7.29 - 12.51	0.426
Region 2	10.12	7.91 - 12.85	10.93	8.43 - 14.05	0.562
Region 3	8.84 ^a	6.96 - 11.16	11.35	9.10 - 14.06	0.050
Region 4	10.61 ^a	8.75 - 12.82	13.52	11.25 - 16.16	0.025
Region 5	11.04	9.01 - 13.47	12.08	10.09 - 14.40	0.422
Nebraska	7.00	6.06 - 8.06	6.39	5.46 - 7.46	0.323
Regions 1 and 2	5.60	4.08 - 7.63	5.21	3.90 - 6.92	0.591
Region 1	--	-- --	5.72	3.94 - 8.22	--
Region 2	--	-- --	4.76	3.36 - 6.71	--
Region 3	7.02 ^b	5.38 - 9.11	5.44	4.10 - 7.19	0.057
Region 4	5.99 ^a	4.47 - 7.98	3.92	2.74 - 5.60	0.005
Region 5	7.27	5.84 - 9.01	5.93	4.60 - 7.61	0.109
Region 6	7.55	6.16 - 9.22	7.90	6.56 - 9.49	0.693
Nevada¹	9.58	8.16 - 11.21	10.86	9.28 - 12.68	0.221
Clark – Region 1	9.41	7.73 - 11.42	10.81	9.05 - 12.87	0.248
Region 3	8.47	6.49 - 10.99	9.26	7.10 - 12.00	0.500
Capital District	--	-- --	9.20	6.72 - 12.46	--
Rural/Frontier	--	-- --	9.32	6.66 - 12.91	--
Washoe – Region 2	11.25	8.99 - 13.99	12.35	9.87 - 15.35	0.459
New Hampshire	10.70	9.39 - 12.17	10.97	9.67 - 12.42	0.755
Central	10.06	8.46 - 11.93	11.32	9.56 - 13.35	0.214
Central 1	10.20 ^a	8.27 - 12.53	13.62	11.11 - 16.59	0.009
Central 2	9.92	7.81 - 12.53	9.09	7.09 - 11.58	0.494
Northern	9.86	7.71 - 12.53	12.15	9.65 - 15.18	0.105
Southern	11.19	9.54 - 13.09	10.53	9.06 - 12.21	0.516
Southern 1 (Rockingham)	10.40	8.23 - 13.05	10.07	8.15 - 12.38	0.789
Southern 2	11.68	9.69 - 14.01	10.82	8.99 - 12.97	0.498
New Jersey	6.61 ^a	5.66 - 7.70	8.08	6.91 - 9.43	0.033
Central	7.01	5.49 - 8.91	7.60	5.99 - 9.59	0.535
Metropolitan	7.15	5.62 - 9.06	7.80	6.17 - 9.83	0.498
Northern	6.05 ^a	4.78 - 7.62	8.16	6.52 - 10.17	0.024
Southern	6.42 ^a	4.97 - 8.24	8.82	6.94 - 11.15	0.012

See notes at end of table.

(continued)

Table 1 *Illicit Drug Use in the Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
New Mexico	10.43	9.01 - 12.04	10.62	9.23 - 12.20	0.843
Region 1	10.97	8.49 - 14.05	10.80	8.71 - 13.32	0.909
Region 2	10.16	7.61 - 13.46	9.56	7.26 - 12.49	0.680
Region 3 (Bernalillo)	11.60	9.43 - 14.19	13.45	11.10 - 16.20	0.220
Region 4	8.62	6.54 - 11.30	8.03	6.16 - 10.42	0.595
Region 5	9.47	7.52 - 11.87	8.21	6.39 - 10.48	0.249
New York	9.16	8.45 - 9.92	9.63	8.88 - 10.44	0.351
Region A	9.13	8.11 - 10.26	9.53	8.51 - 10.65	0.555
Region 1	9.12	7.27 - 11.39	8.97	7.27 - 11.01	0.885
Region 2	8.77	7.25 - 10.58	9.61	8.12 - 11.35	0.406
Region 3	13.41	11.11 - 16.10	11.14	9.01 - 13.70	0.115
Region 4	6.55 ^a	5.21 - 8.21	8.55	6.99 - 10.40	0.029
Region B	--	-- --	9.07	8.05 - 10.20	--
Region 5	8.54	7.21 - 10.10	9.23	7.94 - 10.70	0.439
Region 6	7.56	6.09 - 9.35	8.13	6.50 - 10.14	0.524
Region 7	9.05	7.18 - 11.36	10.00	8.16 - 12.20	0.376
Region C	--	-- --	10.18	9.13 - 11.33	--
Region 8	10.78	8.83 - 13.08	9.59	7.85 - 11.67	0.290
Region 9	10.24	8.43 - 12.38	10.66	8.78 - 12.89	0.691
Region 10	10.67	8.64 - 13.11	10.79	8.53 - 13.56	0.923
Region 11	10.24	8.48 - 12.31	10.25	8.44 - 12.40	0.986
Region 12	9.06	7.45 - 10.97	9.98	8.14 - 12.17	0.369
Region D	9.09	7.85 - 10.50	10.38	8.93 - 12.03	0.102
Region 13	8.26 ^a	6.51 - 10.42	10.69	8.42 - 13.50	0.025
Region 14	8.87 ^b	6.93 - 11.27	10.94	8.65 - 13.75	0.072
Region 15	10.03	8.06 - 12.41	9.54	7.54 - 12.01	0.681
North Carolina	7.33	6.32 - 8.48	8.15	7.00 - 9.47	0.240
Alliance	--	-- --	7.94	6.27 - 10.01	--
Cardinal Innovations	--	-- --	8.25	6.42 - 10.55	--
CenterPoint/Guilford	--	-- --	8.06	6.32 - 10.23	--
CenterPoint	--	-- --	7.89	5.75 - 10.74	--
Guilford	--	-- --	8.24	6.09 - 11.06	--
CoastalCare	--	-- --	8.95	6.49 - 12.22	--
Eastpointe	--	-- --	7.99	6.02 - 10.54	--
ECBH	--	-- --	8.03	5.91 - 10.84	--
MeckLINK	--	-- --	8.48	6.33 - 11.28	--
Partners	--	-- --	8.09	6.17 - 10.56	--
Sandhills	--	-- --	7.40	5.33 - 10.18	--
Smoky Mountain	--	-- --	7.52	5.49 - 10.22	--
Western Highlands	--	-- --	9.01	6.69 - 12.03	--

See notes at end of table.

(continued)

Table 1 *Illicit Drug Use in the Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		<i>P</i> Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
North Dakota	7.12 ^a	6.11 - 8.28	5.65	4.77 - 6.69	0.014
Badlands and West Central Lake Region and South Central	5.88	4.53 - 7.62	4.73	3.56 - 6.25	0.122
North Central and Northwest	6.62	4.93 - 8.83	5.73	4.27 - 7.65	0.311
Northeast	6.75 ^a	5.15 - 8.81	4.99	3.71 - 6.69	0.037
Southeast	7.54	5.79 - 9.75	6.89	5.36 - 8.80	0.493
	8.67 ^a	7.13 - 10.51	6.38	5.04 - 8.04	0.010
Ohio	8.01 ^a	7.44 - 8.62	9.12	8.45 - 9.84	0.011
Boards 2, 46, 55, and 68	6.79 ^b	5.37 - 8.56	8.29	6.66 - 10.28	0.090
Boards 3, 52, and 85	5.99 ^a	4.69 - 7.63	7.90	6.22 - 10.00	0.021
Boards 4 and 78	7.85	6.06 - 10.10	8.70	6.66 - 11.30	0.423
Boards 5 and 60	8.28 ^a	6.47 - 10.53	11.03	8.76 - 13.80	0.018
Boards 7, 15, 41, 79, and 84	7.00	5.46 - 8.93	6.52	5.11 - 8.28	0.587
Boards 8, 13, and 83	7.61	5.98 - 9.62	7.33	5.86 - 9.14	0.753
Board 9 (Butler)	7.57 ^a	6.02 - 9.48	9.81	7.86 - 12.17	0.028
Board 12	8.74	6.93 - 10.96	7.82	6.07 - 10.03	0.331
Boards 18 and 47	8.21 ^b	6.94 - 9.69	9.83	8.44 - 11.43	0.072
Boards 20, 32, 54, and 69	5.66	4.31 - 7.40	6.28	4.84 - 8.11	0.418
Boards 21, 39, 51, 70, and 80	6.98	5.52 - 8.80	8.01	6.36 - 10.05	0.247
Boards 22, 74, and 87	6.59	5.10 - 8.47	7.94	6.32 - 9.93	0.120
Boards 23 and 45	6.97	5.43 - 8.91	8.17	6.42 - 10.33	0.199
Board 25 (Franklin)	9.39 ^a	7.89 - 11.14	11.86	10.03 - 13.96	0.020
Boards 27, 71, and 73	6.25	4.82 - 8.08	7.32	5.80 - 9.21	0.207
Boards 28, 43, and 67	6.74 ^b	5.39 - 8.39	8.15	6.61 - 10.00	0.081
Board 31 (Hamilton)	8.86	7.23 - 10.82	9.98	8.20 - 12.10	0.299
Board 48 (Lucas)	9.16	7.30 - 11.44	10.62	8.54 - 13.14	0.196
Boards 50 and 76	8.40	6.72 - 10.46	8.74	7.13 - 10.68	0.727
Board 57 (Montgomery)	11.63 ^b	9.31 - 14.42	9.36	7.47 - 11.66	0.072
Board 77 (Summit)	8.47 ^a	6.78 - 10.52	10.86	8.92 - 13.16	0.025
Oklahoma	8.31	7.14 - 9.66	8.33	7.17 - 9.66	0.978
Central	7.92	6.06 - 10.29	7.70	5.84 - 10.08	0.825
East Central	7.11	5.12 - 9.79	7.80	5.74 - 10.51	0.543
Northeast	7.85	5.97 - 10.26	6.91	5.24 - 9.07	0.376
Northwest and Southwest	6.97 ^a	5.29 - 9.13	9.76	7.46 - 12.67	0.011
Oklahoma County	9.26	7.17 - 11.89	9.60	7.56 - 12.11	0.783
Southeast	8.26	6.23 - 10.86	7.75	5.88 - 10.16	0.671
Tulsa County	9.99	7.85 - 12.64	8.07	6.23 - 10.38	0.108
Oregon	9.87 ^a	8.62 - 11.28	13.30	11.75 - 15.03	0.000
Region 1 (Multnomah)	12.55 ^a	10.10 - 15.48	19.41	15.96 - 23.40	0.000
Region 2	8.79 ^a	7.01 - 10.96	12.07	9.72 - 14.90	0.011
Region 3	9.58 ^a	7.78 - 11.75	12.49	10.48 - 14.82	0.019
Region 4	9.42	7.36 - 11.99	11.27	8.83 - 14.28	0.161
Region 5 (Central)	--	-- --	10.31	7.64 - 13.79	--
Region 6 (Eastern)	--	-- --	10.16	7.23 - 14.09	--

See notes at end of table.

(continued)

Table 1 *Illicit Drug Use in the Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		<i>P</i> Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Pennsylvania¹	7.56	7.01 - 8.16	8.02	7.36 - 8.73	0.291
Region 1 (Allegheny)	9.48	7.95 - 11.26	10.54	8.83 - 12.53	0.308
Regions 3, 8, 9, and 51	--	-- --	6.83	5.43 - 8.55	--
Regions 4, 11, 37, and 49	6.90	5.52 - 8.59	6.74	5.37 - 8.41	0.835
Regions 5, 18, 23, 24, and 46	6.19	5.02 - 7.60	7.06	5.54 - 8.96	0.255
Regions 6, 12, 16, 31, 35, 45, and 47	--	-- --	6.54	5.20 - 8.19	--
Regions 7, 13, 20, and 33	7.35	6.29 - 8.56	7.81	6.68 - 9.10	0.528
Regions 10, 15, 27, 32, 43, and 44	--	-- --	6.39	5.03 - 8.09	--
Regions 17 and 21	7.55	5.93 - 9.56	8.39	6.54 - 10.71	0.373
Regions 19, 26, 28, and 42	5.75	4.78 - 6.91	5.92	4.85 - 7.20	0.799
Regions 22, 38, 40, 41, and 48	5.85	4.59 - 7.42	6.15	4.97 - 7.58	0.673
Regions 29 and 34	7.30	5.80 - 9.16	7.85	6.20 - 9.89	0.548
Regions 30 and 50	--	-- --	6.28	4.84 - 8.12	--
Region 36 (Philadelphia)	10.80 ^b	9.14 - 12.71	13.13	11.14 - 15.42	0.056
Rhode Island	10.88 ^a	9.55 - 12.37	15.28	13.56 - 17.18	0.000
Bristol and Newport	10.35 ^a	8.05 - 13.20	13.79	10.82 - 17.42	0.021
Kent	9.32 ^a	7.37 - 11.72	13.86	11.09 - 17.18	0.002
Providence	11.08 ^a	9.43 - 12.97	15.89	13.74 - 18.30	0.000
Washington	12.54 ^a	9.93 - 15.71	15.78	12.85 - 19.22	0.050
South Carolina	7.02 ^a	6.04 - 8.13	8.34	7.21 - 9.62	0.043
Region 1	7.29	5.80 - 9.13	7.57	5.98 - 9.53	0.771
Region 2	6.98 ^b	5.73 - 8.48	8.44	6.89 - 10.31	0.084
Region 3	6.30 ^a	4.70 - 8.40	8.43	6.51 - 10.86	0.036
Region 4	7.26 ^b	5.63 - 9.32	8.91	7.18 - 11.00	0.092
South Dakota	6.74	5.75 - 7.88	6.23	5.25 - 7.38	0.409
Region 1	--	-- --	7.58	5.84 - 9.77	--
Region 2	--	-- --	6.28	4.46 - 8.78	--
Region 3	--	-- --	5.50	4.19 - 7.19	--
Region 4	--	-- --	5.41	3.97 - 7.34	--
Region 5	--	-- --	6.06	4.75 - 7.71	--
Tennessee	6.81	5.83 - 7.94	7.03	5.98 - 8.26	0.712
Region 1	7.67 ^b	5.67 - 10.29	5.87	4.30 - 7.98	0.055
Region 2	8.45 ^a	6.54 - 10.86	6.38	4.78 - 8.45	0.045
Region 3	--	-- --	6.76	5.19 - 8.77	--
Region 4 (Davidson)	8.98	6.86 - 11.67	8.55	6.44 - 11.28	0.715
Region 5	--	-- --	6.64	5.13 - 8.55	--
Region 6	5.85	4.25 - 8.00	6.45	4.74 - 8.71	0.485
Region 7 (Shelby)	6.49 ^a	4.76 - 8.80	8.87	6.84 - 11.42	0.031

See notes at end of table.

(continued)

Table 1 *Illicit Drug Use in the Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	<i>P</i>Value
Texas	6.88	6.34 - 7.46	7.11	6.53 - 7.74	0.537
Region 1	7.71	6.15 - 9.62	7.19	5.61 - 9.16	0.556
Region 2	7.30	5.53 - 9.57	6.52	4.87 - 8.67	0.374
Region 3	6.81	6.00 - 7.72	7.45	6.60 - 8.41	0.236
Region 3a	6.78	5.79 - 7.92	7.19	6.15 - 8.39	0.525
Region 3bc	6.87	5.67 - 8.30	7.91	6.63 - 9.42	0.194
Region 4	6.35	5.00 - 8.04	6.24	4.83 - 8.01	0.880
Region 5	7.16	5.54 - 9.22	6.50	4.98 - 8.44	0.445
Region 6	6.38	5.51 - 7.37	6.55	5.62 - 7.62	0.766
Region 6a	6.26	5.35 - 7.32	6.51	5.53 - 7.65	0.689
Region 6bc	7.33	5.65 - 9.46	6.92	5.28 - 9.01	0.639
Region 7	9.22	7.92 - 10.70	9.45	8.16 - 10.92	0.771
Region 7a	10.03	8.25 - 12.15	10.99	9.15 - 13.14	0.407
Region 7bcd	8.00	6.51 - 9.80	6.87	5.49 - 8.57	0.167
Region 8	6.69	5.45 - 8.19	7.10	5.85 - 8.59	0.596
Region 9	6.25	4.73 - 8.21	6.67	5.10 - 8.67	0.588
Region 10	5.71	4.40 - 7.37	5.81	4.51 - 7.46	0.881
Region 11	5.80	4.76 - 7.05	5.68	4.72 - 6.83	0.838
Region 11abd	6.17	4.85 - 7.83	6.43	5.13 - 8.03	0.722
Region 11c (Hidalgo)	5.04	3.87 - 6.54	4.36	3.26 - 5.81	0.236
Utah	6.58 ^a	5.62 - 7.69	5.41	4.57 - 6.39	0.050
Bear River, Northeastern, Summit, Tooele, and Wasatch	6.62 ^a	4.97 - 8.78	4.38	3.24 - 5.89	0.004
Central, Four Corners, San Juan, and Southwest	5.24	3.78 - 7.21	4.57	3.28 - 6.33	0.365
Davis County	6.10	4.55 - 8.15	5.25	3.93 - 6.99	0.265
Salt Lake County	7.90 ^b	6.42 - 9.69	6.23	4.97 - 7.78	0.069
Utah County	5.03	3.74 - 6.73	5.13	3.90 - 6.71	0.889
Weber, Morgan	5.79	4.19 - 7.95	5.21	3.73 - 7.23	0.487
Vermont	11.15 ^a	9.86 - 12.58	14.27	12.66 - 16.05	0.002
Champlain Valley	12.46 ^a	10.64 - 14.54	16.71	14.45 - 19.25	0.002
Rural Northeast	10.65 ^b	8.62 - 13.08	13.01	10.57 - 15.92	0.093
Rural Southeast	9.33 ^a	7.34 - 11.80	12.56	10.09 - 15.53	0.021
Rural Southwest	11.17	8.83 - 14.04	12.26	9.72 - 15.34	0.480
Virginia	7.36	6.32 - 8.54	7.71	6.66 - 8.90	0.591
Region 1	--	-- --	9.32	7.47 - 11.58	--
Region 2	7.36 ^b	5.67 - 9.50	5.73	4.39 - 7.44	0.082
Region 3	7.63	5.97 - 9.70	7.96	6.28 - 10.04	0.734
Region 4	--	-- --	7.03	5.30 - 9.27	--
Region 5	7.49 ^b	5.95 - 9.39	9.34	7.51 - 11.56	0.064

See notes at end of table.

(continued)

Table 1 *Illicit Drug Use in the Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		<i>P</i> Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Washington¹	9.10 ^a	7.95 - 10.40	12.11	10.69 - 13.68	0.001
Region 1	--	-- --	9.69	7.83 - 11.93	--
East 1 (previously Region 1)	8.76	6.83 - 11.18	10.10	7.71 - 13.13	0.265
East 2 (previously Region 2)	8.12	6.07 - 10.79	9.13	6.89 - 12.00	0.364
Region 2	--	-- --	13.52	11.65 - 15.63	--
North 1 (previously Region 3)	9.26 ^a	7.28 - 11.72	13.43	10.96 - 16.35	0.003
North 2 (previously Region 4)	9.57 ^a	7.73 - 11.80	13.57	11.34 - 16.14	0.004
Region 3	--	-- --	11.73	9.87 - 13.89	--
West 1 (previously Region 5)	9.33 ^a	7.35 - 11.76	11.93	9.47 - 14.93	0.045
West 2 (previously Region 6)	8.69 ^a	6.73 - 11.16	11.55	9.24 - 14.33	0.032
West Virginia¹	7.15	6.21 - 8.22	7.20	6.24 - 8.29	0.937
Region I	6.58	4.93 - 8.72	6.26	4.61 - 8.46	0.719
Region II	--	-- --	7.07	5.29 - 9.38	--
Region III	6.21	4.64 - 8.25	5.46	4.00 - 7.40	0.367
Region IV	--	-- --	10.50	8.80 - 12.49	--
Region V	--	-- --	6.51	5.22 - 8.10	--
Region VI	--	-- --	5.72	4.25 - 7.64	--
Wisconsin	7.63	6.62 - 8.77	8.34	7.14 - 9.72	0.295
Milwaukee	9.49	7.38 - 12.12	11.44	8.80 - 14.74	0.163
Northeastern	7.17	5.60 - 9.15	7.34	5.83 - 9.20	0.859
Northern	7.33	5.49 - 9.71	6.82	4.90 - 9.42	0.622
Southeastern	7.17	5.54 - 9.25	8.20	6.32 - 10.58	0.300
Southern	--	-- --	8.30	6.54 - 10.49	--
Western	--	-- --	7.46	5.68 - 9.74	--

See notes at end of table.

(continued)

Table 1 *Illicit Drug Use in the Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		<i>P</i> Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Wyoming	7.37	6.32 - 8.58	7.07	6.03 - 8.28	0.661
Judicial District 1 (Laramie)	6.71	5.07 - 8.83	6.98	5.37 - 9.03	0.775
Judicial District 2	9.38	7.45 - 11.75	9.39	7.28 - 12.03	0.992
Judicial District 3	7.58 ^a	5.78 - 9.89	5.02	3.72 - 6.73	0.005
Judicial District 4	6.94	5.15 - 9.29	6.43	4.67 - 8.81	0.617
Judicial District 5	5.39	3.99 - 7.25	6.30	4.62 - 8.55	0.275
Judicial District 6	6.09	4.48 - 8.22	6.13	4.55 - 8.23	0.959
Judicial District 7 (Natrona)	8.18	6.25 - 10.65	7.30	5.52 - 9.59	0.398
Judicial District 8	6.13	4.45 - 8.39	7.13	5.28 - 9.57	0.313
Judicial District 9	9.04	6.67 - 12.15	9.16	6.77 - 12.29	0.930

ECBH = East Carolina Behavioral Health; SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2002-2004 and 2010-2012); hence, the 2002-2004 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2010-2012 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=34>.

NOTE: Substate, State, and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques, with their *p* values being the Bayes posterior probability of no change between the 2002-2004 and 2010-2012 estimates. The "Total U.S." estimates, along with the 95 percent confidence intervals and *p* values, are based on design-based (direct) estimation methods.

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

^a Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.10 level.

¹ Names of some of the substate regions for this State have changed across the two time periods (2002-2004 vs. 2010-2012). For details, see the methodology write-up for comparing estimates located below the tables.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2004, 2010, 2011, and 2012 (2010 Data - Revised March 2012).

Table 2 *Marijuana Use in the Past Year* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	<i>P</i>Value
Total United States	10.71 ^a	10.49 - 10.94	11.69	11.45 - 11.95	0.000
Northeast	11.59 ^a	11.16 - 12.03	12.74	12.21 - 13.29	0.000
Midwest	10.75 ^b	10.42 - 11.09	11.21	10.77 - 11.66	0.079
South	9.58 ^b	9.29 - 9.88	9.97	9.57 - 10.40	0.100
West	11.73 ^a	11.26 - 12.21	14.06	13.48 - 14.67	0.000
Alabama	8.58	7.54 - 9.74	9.00	7.79 - 10.36	0.536
Region 1	7.84	6.31 - 9.71	7.90	6.29 - 9.89	0.953
Region 2	9.48	7.84 - 11.42	10.27	8.42 - 12.48	0.458
Region 3	8.05	6.35 - 10.16	8.31	6.60 - 10.40	0.812
Region 4	8.64	6.99 - 10.64	9.09	7.27 - 11.30	0.678
Alaska	16.45 ^b	14.68 - 18.39	18.72	16.76 - 20.86	0.068
Anchorage	--	-- --	19.14	16.69 - 21.85	--
Northern	--	-- --	20.86	17.52 - 24.65	--
South Central	--	-- --	16.34	13.38 - 19.80	--
Southeast	18.00	14.03 - 22.79	18.54	14.89 - 22.83	0.820
Arizona	10.59 ^b	9.33 - 12.00	12.14	10.63 - 13.83	0.086
Maricopa	10.16 ^b	8.65 - 11.89	12.12	10.41 - 14.06	0.068
Pima	11.71	9.34 - 14.58	13.48	10.75 - 16.77	0.235
Rural North	12.22	9.57 - 15.48	11.85	9.28 - 15.01	0.814
Rural South	9.62	7.32 - 12.54	10.95	8.30 - 14.32	0.330
Arkansas¹	10.18	9.01 - 11.47	9.00	7.80 - 10.37	0.113
Catchment Area 1	--	-- --	9.32	7.34 - 11.76	--
Catchment Area 2	9.57 ^b	7.38 - 12.32	7.48	5.63 - 9.88	0.080
Catchment Area 3	9.76 ^a	7.74 - 12.24	7.41	5.66 - 9.64	0.032
Catchment Area 4	--	-- --	9.00	6.80 - 11.83	--
Catchment Area 5	--	-- --	9.70	7.70 - 12.16	--
Catchment Area 6	--	-- --	9.76	7.51 - 12.58	--
Catchment Area 7	--	-- --	7.13	5.25 - 9.63	--
Catchment Area 8	11.55	9.34 - 14.21	10.75	8.72 - 13.18	0.548

See notes at end of table.

(continued)

Table 2 Marijuana Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
California	11.49 ^a	10.77 - 12.26	13.98	13.11 - 14.89	0.000
Region 1R	--	-- --	21.60	17.80 - 25.96	--
Region 2R	--	-- --	15.56	12.73 - 18.89	--
Region 3R (Sacramento)	--	-- --	16.12	13.28 - 19.42	--
Region 4R	--	-- --	15.94	13.28 - 19.01	--
Region 5R (San Francisco)	--	-- --	22.85	18.65 - 27.67	--
Region 6 (Santa Clara)	10.30	8.35 - 12.65	10.58	8.61 - 12.93	0.819
Region 7R (Contra Costa)	--	-- --	13.96	11.35 - 17.05	--
Region 8R (Alameda)	--	-- --	14.37	11.91 - 17.24	--
Region 9R (San Mateo)	--	-- --	12.34	9.69 - 15.60	--
Region 10	13.20	10.60 - 16.33	15.27	12.61 - 18.37	0.197
Region 11 (Los Angeles)	9.98 ^a	8.84 - 11.26	13.12	11.95 - 14.38	0.000
LA SPA 1 and 5	--	-- --	15.20	12.30 - 18.63	--
LA SPA 2	--	-- --	13.01	10.77 - 15.64	--
LA SPA 3	--	-- --	10.54	8.70 - 12.72	--
LA SPA 4	--	-- --	15.25	12.38 - 18.66	--
LA SPA 6	--	-- --	14.19	11.46 - 17.44	--
LA SPA 7	--	-- --	10.84	8.83 - 13.24	--
LA SPA 8	--	-- --	14.41	11.90 - 17.36	--
Region 12R	--	-- --	13.53	10.66 - 17.02	--
Regions 13 and 19R	--	-- --	12.44	10.56 - 14.60	--
Region 13 (Riverside)	9.68 ^a	7.72 - 12.07	12.69	10.69 - 15.02	0.018
Region 19R (Imperial)	--	-- --	9.20	7.02 - 11.96	--
Region 14 (Orange)	10.29	8.62 - 12.24	11.67	9.99 - 13.60	0.205
Region 15R (Fresno)	--	-- --	13.21	10.53 - 16.45	--
Region 16R (San Diego)	--	-- --	14.94	12.79 - 17.38	--
Region 17R	--	-- --	11.67	9.56 - 14.18	--
Region 18R (San Bernardino)	--	-- --	13.15	11.11 - 15.50	--
Region 20R	--	-- --	13.74	11.09 - 16.90	--
Region 21R	--	-- --	18.84	15.63 - 22.54	--
Colorado	14.23 ^a	12.71 - 15.89	17.55	15.74 - 19.53	0.002
Region 1	12.76 ^a	10.39 - 15.57	16.24	13.31 - 19.68	0.025
Regions 2 and 7	15.28 ^a	13.19 - 17.64	19.44	16.98 - 22.16	0.006
Region 3	12.99	10.29 - 16.27	14.73	12.09 - 17.82	0.284
Region 4	11.42	8.75 - 14.77	13.35	10.14 - 17.37	0.241
Regions 5 and 6	13.65	10.84 - 17.06	15.41	12.28 - 19.15	0.294
Connecticut	12.22	10.89 - 13.69	13.80	12.21 - 15.57	0.102
Eastern	14.41	11.60 - 17.76	13.26	10.71 - 16.31	0.472
North Central	11.86 ^b	9.90 - 14.14	14.55	12.17 - 17.32	0.053
Northwestern	14.57	11.99 - 17.59	12.88	10.40 - 15.84	0.291
South Central	11.75 ^a	9.73 - 14.12	15.39	12.78 - 18.42	0.013
Southwest	9.90	7.78 - 12.53	11.90	9.54 - 14.73	0.155

See notes at end of table.

(continued)

Table 2 Marijuana Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Delaware	11.07 ^a	9.83 - 12.45	13.28	11.89 - 14.81	0.011
Kent	10.74	8.59 - 13.35	11.96	9.70 - 14.65	0.371
New Castle (excluding Wilmington City)	11.69 ^b	10.19 - 13.39	13.72	12.03 - 15.61	0.066
Sussex	8.70 ^a	6.88 - 10.96	11.84	9.69 - 14.39	0.012
Wilmington City	13.36 ^a	10.10 - 17.47	17.34	13.87 - 21.47	0.048
District of Columbia	14.52 ^a	12.89 - 16.32	19.41	17.49 - 21.48	0.000
Ward 1	17.12 ^a	13.57 - 21.36	25.29	20.94 - 30.19	0.001
Ward 2	17.63 ^a	14.28 - 21.56	22.30	18.73 - 26.33	0.032
Ward 3	15.25	12.34 - 18.70	17.70	14.63 - 21.26	0.196
Ward 4	9.98 ^a	7.62 - 12.96	16.54	13.17 - 20.58	0.000
Ward 5	12.21 ^a	9.68 - 15.30	19.15	15.87 - 22.93	0.000
Ward 6	16.33	12.69 - 20.78	19.15	15.33 - 23.66	0.196
Ward 7	13.30 ^b	10.53 - 16.65	16.76	13.50 - 20.63	0.059
Ward 8	14.04 ^a	11.32 - 17.28	17.97	14.81 - 21.62	0.034
Florida¹	10.88	10.19 - 11.62	11.11	10.34 - 11.94	0.649
Region A - Northwest	--	-- --	13.96	12.36 - 15.74	--
Circuit 1	12.37	10.11 - 15.05	12.35	10.25 - 14.80	0.989
Circuit 2	--	-- --	18.04	15.14 - 21.37	--
Circuit 14	--	-- --	12.30	9.69 - 15.50	--
Region B - Northeast	--	-- --	12.75	11.31 - 14.34	--
Circuits 3 and 8	--	-- --	14.77	12.21 - 17.75	--
Circuit 4	--	-- --	12.87	10.67 - 15.44	--
Circuit 7	--	-- --	11.27	9.26 - 13.65	--
Region C - Central	--	-- --	11.34	10.25 - 12.54	--
Circuit 5	7.01 ^a	5.51 - 8.87	9.80	7.91 - 12.08	0.008
Circuit 9	--	-- --	13.38	11.50 - 15.52	--
Circuit 10	8.40	6.63 - 10.59	9.36	7.61 - 11.46	0.370
Circuit 18	--	-- --	12.35	10.25 - 14.82	--
Circuit 19	8.72	6.72 - 11.26	10.11	8.01 - 12.68	0.262
Region D - Southeast	--	-- --	9.54	8.34 - 10.90	--
Circuit 15 (Palm Beach)	10.67	8.72 - 12.98	9.48	7.82 - 11.44	0.309
Circuit 17 (Broward)	11.07	9.34 - 13.09	9.60	8.11 - 11.32	0.173
Region E - Sun Coast	--	-- --	12.01	10.74 - 13.41	--
Circuit 6	--	-- --	12.77	10.58 - 15.34	--
Circuit 12	--	-- --	12.03	9.71 - 14.81	--
Circuit 13 (Hillsborough)	--	-- --	12.20	10.35 - 14.34	--
Circuit 20	8.02 ^a	6.35 - 10.09	10.89	8.88 - 13.29	0.012
Region F - Southern (Circuits 11 and 16)	8.74	7.43 - 10.26	7.87	6.76 - 9.15	0.287
Georgia	9.95	8.78 - 11.26	9.51	8.33 - 10.83	0.550
Region 1	--	-- --	8.23	6.68 - 10.10	--
Region 2	--	-- --	8.53	6.68 - 10.83	--
Region 3	--	-- --	11.32	9.41 - 13.57	--
Region 4	--	-- --	9.53	7.41 - 12.19	--
Region 5	--	-- --	9.91	7.57 - 12.86	--
Region 6	--	-- --	8.65	6.77 - 10.99	--

See notes at end of table.

(continued)

Table 2 Marijuana Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Hawaii	11.69	10.29 - 13.26	12.30	10.76 - 14.03	0.540
Hawaii Island	13.29	10.44 - 16.78	15.81	12.57 - 19.69	0.193
Honolulu	10.42	8.97 - 12.06	10.89	9.36 - 12.63	0.635
Kauai and Maui	16.30	12.99 - 20.26	15.46	12.45 - 19.03	0.684
Kauai	--	-- --	13.89	10.35 - 18.39	--
Maui	--	-- --	16.14	12.66 - 20.35	--
Idaho	9.01 ^a	7.98 - 10.16	11.22	9.82 - 12.80	0.003
Region 1	10.25	8.09 - 12.90	11.12	8.67 - 14.15	0.535
Region 2	11.70	9.22 - 14.74	12.56	9.79 - 15.99	0.586
Region 3	7.36 ^a	5.77 - 9.34	10.06	7.87 - 12.79	0.018
Region 4	9.89 ^a	8.14 - 11.96	13.72	11.43 - 16.39	0.002
Region 5	7.95	6.19 - 10.17	9.29	7.27 - 11.80	0.237
Region 6	8.82 ^a	6.92 - 11.19	12.28	9.68 - 15.46	0.007
Region 7	7.10	5.42 - 9.25	7.37	5.61 - 9.63	0.788
Illinois	10.14 ^a	9.47 - 10.86	11.18	10.42 - 11.99	0.039
Region I (Cook)	11.45 ^a	10.33 - 12.68	13.13	11.90 - 14.45	0.043
Region II	9.18	8.19 - 10.28	9.49	8.49 - 10.60	0.656
Region III	10.35	9.01 - 11.86	10.81	9.39 - 12.42	0.619
Region IV	7.92	6.58 - 9.50	8.70	7.20 - 10.46	0.390
Region V	8.66 ^a	7.36 - 10.17	10.79	9.26 - 12.54	0.024
Indiana	10.54	9.34 - 11.87	10.66	9.34 - 12.16	0.875
Central	12.69	10.44 - 15.35	11.65	9.47 - 14.26	0.455
East	10.59	8.38 - 13.29	10.92	8.52 - 13.89	0.808
North Central	10.71	8.66 - 13.18	10.89	8.67 - 13.58	0.894
Northeast	8.56	6.51 - 11.18	9.05	6.96 - 11.69	0.686
Northwest	9.27	7.18 - 11.90	10.27	8.01 - 13.09	0.431
Southeast	7.83	6.07 - 10.05	8.50	6.64 - 10.83	0.532
Southwest	9.88	7.55 - 12.83	8.39	6.28 - 11.11	0.222
West	11.70	9.45 - 14.40	13.38	10.87 - 16.37	0.230
Iowa	9.02	7.92 - 10.27	9.80	8.61 - 11.13	0.266
Central	9.83	7.75 - 12.39	11.10	8.90 - 13.76	0.324
North Central	9.30 ^a	7.31 - 11.77	12.44	9.86 - 15.58	0.021
Northeast	8.88	7.19 - 10.93	9.51	7.89 - 11.44	0.540
Northwest	7.47	5.83 - 9.51	6.77	5.16 - 8.84	0.468
Southeast	10.25	8.33 - 12.56	10.43	8.43 - 12.83	0.888
Southwest	7.60	5.76 - 9.98	8.53	6.62 - 10.94	0.388
Kansas	9.04	7.98 - 10.23	8.48	7.34 - 9.77	0.397
Kansas City Metro	10.18	8.51 - 12.13	8.91	7.38 - 10.74	0.198
Northeast	8.10	6.42 - 10.17	8.98	7.12 - 11.26	0.414
South Central	8.62	6.78 - 10.91	7.27	5.47 - 9.61	0.209
Southeast	8.78	6.85 - 11.18	8.21	6.08 - 11.02	0.620
West	6.56	5.00 - 8.55	7.48	5.80 - 9.60	0.288
Wichita (Sedgwick)	10.25	8.17 - 12.79	8.68	6.86 - 10.94	0.182

See notes at end of table.

(continued)

Table 2 Marijuana Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Kentucky	10.98 ^a	9.74 - 12.35	8.76	7.60 - 10.07	0.005
Adanta, Cumberland River, and Lifeskills	7.42	5.86 - 9.37	6.20	4.78 - 8.00	0.198
Bluegrass, Comprehend, and North Key	12.16 ^b	10.06 - 14.63	9.77	8.11 - 11.73	0.051
Communicare and River Valley	10.27 ^a	8.00 - 13.09	7.53	5.71 - 9.88	0.022
Four Rivers and Pennyroyal	10.24 ^a	7.92 - 13.14	7.44	5.63 - 9.78	0.022
Kentucky River, Mountain, and Pathways	9.25 ^a	7.22 - 11.77	6.67	5.00 - 8.84	0.018
Seven Counties	13.93	11.49 - 16.78	11.62	9.51 - 14.12	0.114
Louisiana	9.66	8.58 - 10.86	8.94	7.87 - 10.15	0.305
Regions 1 and 10	--	-- --	10.98	9.05 - 13.25	--
Region 1	11.81	9.23 - 14.98	12.53	9.89 - 15.76	0.632
Region 10 (Jefferson)	9.35	7.22 - 12.04	9.43	7.31 - 12.09	0.949
Regions 2 and 9	10.24	8.55 - 12.22	8.96	7.39 - 10.81	0.209
Region 3	9.17	7.10 - 11.77	8.24	6.34 - 10.64	0.420
Regions 4, 5, and 6	--	-- --	8.13	6.63 - 9.92	--
Regions 7 and 8	8.81	7.14 - 10.82	8.35	6.70 - 10.36	0.663
Maine¹	12.26 ^b	10.96 - 13.68	14.02	12.43 - 15.76	0.051
Aroostook/Downeast	--	-- --	12.25	10.03 - 14.88	--
Aroostook	--	-- --	10.96	8.31 - 14.32	--
Downeast	--	-- --	13.31	10.47 - 16.78	--
Central	--	-- --	12.21	9.84 - 15.04	--
Cumberland	15.07	12.57 - 17.96	15.59	12.85 - 18.79	0.755
Midcoast	10.87	8.59 - 13.67	13.34	10.33 - 17.07	0.123
Penquis	--	-- --	15.73	13.00 - 18.92	--
Western	--	-- --	14.74	12.09 - 17.86	--
York	9.55 ^a	7.48 - 12.11	13.07	10.53 - 16.11	0.010
Maryland	10.41	9.24 - 11.71	10.08	8.88 - 11.43	0.636
Anne Arundel	10.82	8.39 - 13.85	9.17	7.15 - 11.68	0.188
Baltimore City	13.84	11.05 - 17.21	13.41	10.81 - 16.53	0.787
Baltimore County	--	-- --	9.76	7.70 - 12.31	--
Montgomery	9.01	7.10 - 11.36	9.07	7.21 - 11.35	0.957
North Central	--	-- --	8.74	6.77 - 11.23	--
Northeast	--	-- --	9.15	7.10 - 11.70	--
Prince George's	11.61	9.25 - 14.48	11.34	9.15 - 13.98	0.842
South	--	-- --	11.03	8.83 - 13.70	--
West	--	-- --	8.34	6.42 - 10.77	--

See notes at end of table.

(continued)

Table 2 Marijuana Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Massachusetts	14.70	13.14 - 16.42	15.54	14.01 - 17.19	0.412
Boston	17.04	13.71 - 20.98	19.47	16.17 - 23.25	0.220
Central	13.61	10.78 - 17.05	14.50	11.82 - 17.67	0.597
Metrowest	13.63	11.23 - 16.44	15.60	13.15 - 18.41	0.210
Northeast	12.97	10.54 - 15.87	14.88	12.52 - 17.59	0.207
Southeast	15.60	12.81 - 18.86	14.71	12.25 - 17.58	0.604
Western	16.78	13.59 - 20.54	14.95	12.31 - 18.05	0.306
Michigan¹	12.54 ^b	11.78 - 13.34	13.62	12.81 - 14.48	0.053
Detroit City	14.98 ^a	12.66 - 17.64	19.10	16.32 - 22.23	0.019
Genesee	14.62	12.07 - 17.62	14.73	12.35 - 17.49	0.947
Kalamazoo	--	-- --	14.18	11.91 - 16.79	--
Kent	11.84	9.80 - 14.23	13.28	11.22 - 15.66	0.290
Lakeshore	--	-- --	12.78	10.91 - 14.93	--
Macomb	11.86	9.91 - 14.14	11.94	10.21 - 13.91	0.953
Mid South	--	-- --	13.68	11.84 - 15.75	--
Northern	11.97	10.17 - 14.05	13.44	11.51 - 15.63	0.231
Oakland	12.12	10.38 - 14.11	12.42	10.76 - 14.30	0.794
Pathways and Western	--	-- --	16.69	13.91 - 19.90	--
Riverhaven	10.80	8.58 - 13.50	11.80	9.55 - 14.51	0.460
Saginaw	10.75 ^a	8.31 - 13.80	14.00	11.26 - 17.28	0.025
Southeast	12.37	10.59 - 14.41	13.38	11.58 - 15.41	0.424
St. Clair	11.36	9.12 - 14.06	11.75	9.55 - 14.37	0.765
Washtenaw	12.96	10.88 - 15.37	12.95	11.06 - 15.11	0.995
Minnesota	11.14	9.85 - 12.56	11.28	9.98 - 12.73	0.861
Regions 1 and 2	11.32	8.84 - 14.39	10.73	8.28 - 13.78	0.700
Regions 3 and 4	10.72	8.78 - 13.02	10.00	8.11 - 12.27	0.536
Regions 5 and 6	11.01	8.86 - 13.61	11.55	9.56 - 13.88	0.683
Region 7A (Hennepin)	13.01	10.66 - 15.79	12.45	10.24 - 15.06	0.709
Region 7B (Ramsey)	12.42	9.64 - 15.85	13.21	10.22 - 16.90	0.624
Region 7C	8.75	6.93 - 10.99	10.29	8.54 - 12.36	0.175
Mississippi	7.92 ^b	6.88 - 9.10	9.08	7.93 - 10.38	0.088
Region 1	6.98 ^b	5.48 - 8.83	8.76	7.09 - 10.77	0.073
Region 2	7.97	6.10 - 10.35	9.28	7.19 - 11.91	0.275
Region 3	6.88 ^b	5.25 - 8.96	8.82	6.99 - 11.09	0.052
Region 4	8.78	7.03 - 10.91	9.63	7.83 - 11.80	0.434
Region 5	6.62	4.80 - 9.06	7.33	5.41 - 9.87	0.466
Region 6	8.51	6.60 - 10.92	8.55	6.62 - 10.97	0.975
Region 7	9.30	7.25 - 11.84	10.00	7.85 - 12.67	0.571

See notes at end of table.

(continued)

Table 2 Marijuana Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Missouri	11.45 ^b	10.24 - 12.79	10.22	9.02 - 11.56	0.095
Central	12.24 ^a	10.02 - 14.87	8.75	6.84 - 11.14	0.006
Eastern	12.54	10.68 - 14.67	11.61	9.98 - 13.46	0.395
Eastern (St. Louis City and County)	13.12	10.82 - 15.83	12.26	10.22 - 14.64	0.527
Eastern (excluding St. Louis)	11.34	8.91 - 14.33	10.47	8.40 - 12.97	0.515
Northwest	11.90	10.07 - 14.02	10.72	8.98 - 12.76	0.274
Northwest (Jackson)	14.01	11.42 - 17.09	12.06	9.71 - 14.89	0.207
Northwest (excluding Jackson)	9.99	7.84 - 12.66	9.59	7.49 - 12.20	0.744
Southeast	9.21 ^b	7.24 - 11.64	7.43	5.70 - 9.64	0.095
Southwest	9.31	7.49 - 11.53	9.77	7.74 - 12.27	0.688
Montana	13.34 ^a	11.98 - 14.83	16.36	14.76 - 18.09	0.002
Region 1	9.96 ^a	7.68 - 12.83	13.82	10.94 - 17.32	0.012
Region 2	11.86 ^a	9.63 - 14.54	14.93	12.04 - 18.36	0.046
Region 3	11.07 ^a	9.01 - 13.54	14.96	12.49 - 17.81	0.009
Region 4	14.12 ^a	12.02 - 16.52	18.05	15.48 - 20.94	0.009
Region 5	15.91	13.41 - 18.79	17.16	14.72 - 19.90	0.443
Nebraska	9.44	8.32 - 10.70	8.94	7.82 - 10.19	0.476
Regions 1 and 2	7.43	5.67 - 9.68	7.86	6.17 - 9.97	0.651
Region 1	--	-- --	8.16	6.00 - 11.01	--
Region 2	--	-- --	7.59	5.61 - 10.20	--
Region 3	8.34 ^b	6.44 - 10.73	6.66	5.14 - 8.58	0.082
Region 4	6.54	4.96 - 8.57	5.71	4.17 - 7.79	0.352
Region 5	10.70	8.75 - 13.02	9.09	7.40 - 11.13	0.152
Region 6	10.54	8.86 - 12.50	10.66	9.07 - 12.49	0.913
Nevada¹	11.52 ^a	10.01 - 13.23	13.94	12.16 - 15.94	0.022
Clark – Region 1	11.08 ^a	9.32 - 13.12	13.85	11.83 - 16.15	0.022
Region 3	10.50	8.22 - 13.30	12.07	9.52 - 15.19	0.266
Capital District	--	-- --	12.39	9.36 - 16.24	--
Rural/Frontier	--	-- --	11.78	8.66 - 15.81	--
Washoe – Region 2	14.30	11.60 - 17.50	15.83	12.99 - 19.15	0.392
New Hampshire	15.54	13.95 - 17.27	14.40	12.84 - 16.12	0.279
Central	14.79	12.61 - 17.27	15.75	13.56 - 18.22	0.471
Central 1	15.30 ^b	12.56 - 18.50	18.63	15.54 - 22.17	0.064
Central 2	14.29	11.47 - 17.68	12.96	10.48 - 15.91	0.389
Northern	15.38	12.43 - 18.87	15.36	12.50 - 18.73	0.992
Southern	15.94 ^a	13.96 - 18.13	13.54	11.82 - 15.46	0.050
Southern 1 (Rockingham)	15.09 ^b	12.29 - 18.38	12.36	10.19 - 14.90	0.089
Southern 2	16.45	14.04 - 19.18	14.27	12.19 - 16.64	0.145
New Jersey	8.52 ^a	7.46 - 9.71	10.50	9.20 - 11.95	0.007
Central	8.94	7.29 - 10.93	10.11	8.22 - 12.39	0.283
Metropolitan	8.56	6.86 - 10.64	10.19	8.37 - 12.35	0.143
Northern	8.02 ^a	6.57 - 9.77	10.69	8.80 - 12.93	0.011
Southern	8.77 ^b	6.95 - 11.02	10.97	8.94 - 13.39	0.055

See notes at end of table.

(continued)

Table 2 Marijuana Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
New Mexico	12.84	11.40 - 14.42	13.70	12.15 - 15.42	0.377
Region 1	12.20	9.95 - 14.88	13.20	10.97 - 15.80	0.490
Region 2	12.45	9.86 - 15.60	12.56	9.87 - 15.86	0.945
Region 3 (Bernalillo)	14.53	12.24 - 17.15	16.96	14.38 - 19.89	0.124
Region 4	11.02	8.58 - 14.06	11.26	8.97 - 14.03	0.869
Region 5	12.34	10.06 - 15.06	11.26	9.16 - 13.78	0.432
New York	12.11 ^b	11.38 - 12.88	13.00	12.18 - 13.87	0.090
Region A	11.70 ^b	10.65 - 12.85	12.92	11.76 - 14.18	0.086
Region 1	10.47	8.55 - 12.76	11.88	9.96 - 14.12	0.242
Region 2	10.79 ^b	9.18 - 12.64	12.99	11.16 - 15.06	0.051
Region 3	18.27 ^b	15.54 - 21.35	15.29	12.75 - 18.23	0.079
Region 4	8.91 ^a	7.47 - 10.58	11.70	9.88 - 13.80	0.008
Region B	--	-- --	12.30	11.15 - 13.56	--
Region 5	11.33	9.88 - 12.95	12.74	11.17 - 14.49	0.162
Region 6	10.97	9.18 - 13.07	10.91	9.00 - 13.18	0.958
Region 7	12.78	10.56 - 15.39	13.05	10.97 - 15.46	0.832
Region C	--	-- --	13.77	12.60 - 15.03	--
Region 8	15.62	13.26 - 18.32	13.79	11.69 - 16.20	0.209
Region 9	12.96	10.88 - 15.37	14.27	12.18 - 16.65	0.316
Region 10	16.38	13.66 - 19.52	14.67	12.04 - 17.77	0.303
Region 11	13.23	11.31 - 15.43	13.87	11.67 - 16.41	0.623
Region 12	12.02	10.16 - 14.16	12.89	10.86 - 15.24	0.485
Region D	11.70 ^b	10.27 - 13.31	13.33	11.69 - 15.16	0.080
Region 13	10.67 ^a	8.56 - 13.24	14.45	11.77 - 17.60	0.010
Region 14	12.12	9.88 - 14.78	13.78	11.15 - 16.91	0.246
Region 15	12.21	10.03 - 14.79	11.90	9.67 - 14.56	0.815
North Carolina	9.52	8.35 - 10.84	10.57	9.25 - 12.04	0.167
Alliance	--	-- --	9.59	7.77 - 11.79	--
Cardinal Innovations	--	-- --	10.73	8.65 - 13.23	--
CenterPoint/Guilford	--	-- --	11.44	9.24 - 14.09	--
CenterPoint	--	-- --	11.16	8.45 - 14.61	--
Guilford	--	-- --	11.75	9.04 - 15.13	--
CoastalCare	--	-- --	12.55	9.64 - 16.16	--
Eastpointe	--	-- --	10.07	7.79 - 12.92	--
ECBH	--	-- --	10.24	7.87 - 13.21	--
MeckLINK	--	-- --	11.26	8.72 - 14.41	--
Partners	--	-- --	10.39	8.20 - 13.09	--
Sandhills	--	-- --	10.02	7.58 - 13.14	--
Smoky Mountain	--	-- --	9.76	7.35 - 12.85	--
Western Highlands	--	-- --	10.79	8.34 - 13.85	--

See notes at end of table.

(continued)

Table 2 Marijuana Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
North Dakota	9.76	8.66 - 10.97	8.90	7.82 - 10.11	0.218
Badlands and West Central Lake Region and South Central	8.21	6.66 - 10.10	7.52	5.97 - 9.44	0.467
North Central and Northwest	7.48	5.86 - 9.49	8.70	6.79 - 11.10	0.249
Northeast	8.43	6.76 - 10.45	8.43	6.67 - 10.59	0.998
Southeast	10.62	8.56 - 13.10	11.22	9.18 - 13.64	0.641
	13.12 ^a	11.16 - 15.36	9.56	8.00 - 11.38	0.002
Ohio	10.70 ^a	10.03 - 11.40	12.08	11.30 - 12.91	0.006
Boards 2, 46, 55, and 68	9.47	7.66 - 11.65	10.59	8.72 - 12.79	0.322
Boards 3, 52, and 85	8.36	6.64 - 10.48	9.61	7.80 - 11.79	0.248
Boards 4 and 78	9.93	7.88 - 12.45	11.82	9.31 - 14.89	0.162
Boards 5 and 60	10.44 ^a	8.49 - 12.78	13.96	11.52 - 16.80	0.008
Boards 7, 15, 41, 79, and 84	9.23	7.46 - 11.37	8.17	6.52 - 10.20	0.325
Boards 8, 13, and 83	10.08	8.18 - 12.38	10.20	8.38 - 12.38	0.915
Board 9 (Butler)	11.36	9.28 - 13.85	11.38	9.33 - 13.81	0.988
Board 12	10.78	8.71 - 13.26	12.39	10.05 - 15.18	0.219
Boards 18 and 47	11.15 ^b	9.62 - 12.89	13.06	11.42 - 14.89	0.077
Boards 20, 32, 54, and 69	8.24	6.47 - 10.45	8.42	6.68 - 10.57	0.858
Boards 21, 39, 51, 70, and 80	8.96 ^b	7.30 - 10.96	10.95	9.07 - 13.16	0.066
Boards 22, 74, and 87	9.73	7.84 - 12.03	10.36	8.45 - 12.64	0.578
Boards 23 and 45	8.60 ^b	6.85 - 10.75	10.61	8.59 - 13.04	0.067
Board 25 (Franklin)	13.04 ^a	11.22 - 15.09	15.97	13.92 - 18.27	0.026
Boards 27, 71, and 73	7.99	6.38 - 9.96	9.42	7.55 - 11.68	0.186
Boards 28, 43, and 67	8.15 ^a	6.61 - 10.01	10.47	8.70 - 12.56	0.026
Board 31 (Hamilton)	11.78 ^b	9.87 - 14.01	14.02	11.93 - 16.41	0.089
Board 48 (Lucas)	12.31 ^b	10.19 - 14.81	14.89	12.40 - 17.78	0.068
Boards 50 and 76	10.92	8.93 - 13.27	11.48	9.65 - 13.60	0.637
Board 57 (Montgomery)	15.41 ^a	12.68 - 18.59	12.17	10.11 - 14.58	0.032
Board 77 (Summit)	11.10 ^b	9.16 - 13.38	13.55	11.31 - 16.15	0.073
Oklahoma	9.35	8.16 - 10.70	10.07	8.81 - 11.49	0.328
Central	9.08	7.13 - 11.50	10.47	8.25 - 13.21	0.239
East Central	7.25	5.48 - 9.54	8.77	6.61 - 11.55	0.151
Northeast	8.47	6.65 - 10.74	9.16	7.20 - 11.59	0.548
Northwest and Southwest	7.65 ^a	5.87 - 9.92	11.06	8.70 - 13.97	0.006
Oklahoma County	11.82	9.35 - 14.82	11.63	9.48 - 14.19	0.896
Southeast	7.95	6.22 - 10.12	8.82	6.85 - 11.28	0.429
Tulsa County	11.70	9.31 - 14.60	9.76	7.68 - 12.34	0.134
Oregon	13.50 ^a	12.05 - 15.08	16.66	14.97 - 18.50	0.001
Region 1 (Multnomah)	16.65 ^a	13.90 - 19.83	23.65	20.02 - 27.71	0.001
Region 2	13.19	10.89 - 15.90	13.79	11.41 - 16.57	0.688
Region 3	13.03 ^a	10.96 - 15.44	17.17	14.77 - 19.86	0.004
Region 4	11.58	9.34 - 14.26	13.97	11.22 - 17.26	0.122
Region 5 (Central)	--	-- --	13.20	10.24 - 16.84	--
Region 6 (Eastern)	--	-- --	12.19	8.86 - 16.55	--

See notes at end of table.

(continued)

Table 2 Marijuana Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Pennsylvania¹	10.08 ^b	9.43 - 10.76	10.96	10.20 - 11.77	0.065
Region 1 (Allegheny)	11.95	10.17 - 13.98	12.73	10.89 - 14.82	0.514
Regions 3, 8, 9, and 51	--	-- --	8.91	7.26 - 10.90	--
Regions 4, 11, 37, and 49	9.27	7.66 - 11.18	9.32	7.70 - 11.25	0.961
Regions 5, 18, 23, 24, and 46	8.33	6.92 - 10.00	9.53	7.73 - 11.69	0.241
Regions 6, 12, 16, 31, 35, 45, and 47	--	-- --	10.06	8.42 - 11.97	--
Regions 7, 13, 20, and 33	10.38	9.10 - 11.82	11.77	10.40 - 13.29	0.120
Regions 10, 15, 27, 32, 43, and 44	--	-- --	9.06	7.41 - 11.03	--
Regions 17 and 21	10.79	8.70 - 13.32	11.79	9.55 - 14.47	0.433
Regions 19, 26, 28, and 42	8.28	7.03 - 9.73	8.79	7.47 - 10.33	0.547
Regions 22, 38, 40, 41, and 48	7.87	6.39 - 9.66	8.10	6.70 - 9.75	0.798
Regions 29 and 34	9.42	7.64 - 11.57	10.27	8.34 - 12.60	0.449
Regions 30 and 50	--	-- --	8.60	6.80 - 10.82	--
Region 36 (Philadelphia)	13.69 ^a	11.88 - 15.72	16.73	14.63 - 19.06	0.017
Rhode Island	15.48 ^a	13.94 - 17.16	19.24	17.35 - 21.27	0.001
Bristol and Newport	16.41	13.40 - 19.94	18.55	15.15 - 22.50	0.273
Kent	13.63 ^a	11.15 - 16.57	17.53	14.48 - 21.07	0.028
Providence	14.92 ^a	13.08 - 16.98	19.60	17.31 - 22.11	0.001
Washington	19.68	15.78 - 24.26	20.43	17.09 - 24.22	0.737
South Carolina	9.47 ^a	8.30 - 10.77	11.24	9.96 - 12.65	0.018
Region 1	9.36 ^b	7.58 - 11.51	11.40	9.46 - 13.67	0.077
Region 2	9.66	8.07 - 11.52	11.29	9.50 - 13.36	0.140
Region 3	8.32 ^a	6.48 - 10.62	11.21	9.02 - 13.86	0.017
Region 4	10.14	8.18 - 12.51	11.03	9.12 - 13.28	0.455
South Dakota	9.38	8.31 - 10.57	9.08	7.90 - 10.42	0.672
Region 1	--	-- --	11.04	8.96 - 13.52	--
Region 2	--	-- --	8.66	6.43 - 11.55	--
Region 3	--	-- --	8.54	6.81 - 10.66	--
Region 4	--	-- --	8.48	6.49 - 11.01	--
Region 5	--	-- --	8.26	6.70 - 10.15	--
Tennessee	8.17	7.13 - 9.33	9.06	7.90 - 10.38	0.163
Region 1	8.62	6.51 - 11.34	8.00	6.10 - 10.42	0.591
Region 2	9.18	7.22 - 11.62	7.72	6.00 - 9.87	0.175
Region 3	--	-- --	8.94	7.07 - 11.25	--
Region 4 (Davidson)	10.82	8.40 - 13.83	12.07	9.60 - 15.08	0.387
Region 5	--	-- --	8.74	6.95 - 10.94	--
Region 6	7.09	5.36 - 9.32	8.23	6.30 - 10.68	0.280
Region 7 (Shelby)	8.19 ^b	6.29 - 10.60	10.60	8.47 - 13.19	0.055

See notes at end of table.

(continued)

Table 2 Marijuana Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Texas	8.49 ^a	7.92 - 9.10	9.39	8.72 - 10.11	0.031
Region 1	9.29	7.59 - 11.32	10.68	8.66 - 13.10	0.204
Region 2	8.18	6.38 - 10.45	8.23	6.32 - 10.66	0.966
Region 3	8.28 ^a	7.37 - 9.28	9.80	8.77 - 10.92	0.016
Region 3a	8.54	7.42 - 9.82	9.24	8.01 - 10.63	0.364
Region 3bc	7.81 ^a	6.50 - 9.36	10.77	9.23 - 12.53	0.001
Region 4	7.20 ^b	5.71 - 9.05	9.02	7.23 - 11.19	0.062
Region 5	8.13	6.44 - 10.23	8.98	7.13 - 11.24	0.423
Region 6	8.17	7.21 - 9.24	8.28	7.26 - 9.43	0.861
Region 6a	8.03	6.99 - 9.20	8.08	6.99 - 9.32	0.939
Region 6bc	9.31	7.40 - 11.65	9.99	7.89 - 12.57	0.549
Region 7	12.60	11.10 - 14.27	12.22	10.81 - 13.79	0.679
Region 7a	13.42	11.39 - 15.76	14.15	12.13 - 16.44	0.570
Region 7bcd	11.38 ^a	9.60 - 13.45	8.99	7.41 - 10.87	0.021
Region 8	7.76 ^b	6.47 - 9.28	9.39	7.95 - 11.06	0.066
Region 9	8.38	6.58 - 10.61	9.00	7.12 - 11.32	0.556
Region 10	7.08	5.59 - 8.93	7.86	6.30 - 9.76	0.366
Region 11	6.57 ^a	5.48 - 7.85	8.03	6.83 - 9.43	0.027
Region 11abd	6.89 ^a	5.51 - 8.60	9.16	7.56 - 11.06	0.011
Region 11c (Hidalgo)	5.90	4.55 - 7.62	6.05	4.69 - 7.77	0.845
Utah	7.86	6.84 - 9.00	7.28	6.31 - 8.40	0.377
Bear River, Northeastern, Summit, Tooele, and Wasatch	8.31 ^b	6.47 - 10.61	6.59	5.11 - 8.45	0.072
Central, Four Corners, San Juan, and Southwest	5.85	4.36 - 7.81	6.40	4.76 - 8.56	0.531
Davis County	7.68	5.83 - 10.04	6.30	4.80 - 8.22	0.156
Salt Lake County	9.30	7.74 - 11.13	8.56	7.09 - 10.31	0.465
Utah County	5.63	4.32 - 7.30	6.55	5.14 - 8.31	0.273
Weber, Morgan	7.74	5.86 - 10.15	6.67	4.97 - 8.90	0.278
Vermont	15.52 ^a	13.96 - 17.23	18.65	16.89 - 20.54	0.005
Champlain Valley	17.37 ^a	15.15 - 19.83	21.63	19.24 - 24.22	0.006
Rural Northeast	15.37	12.89 - 18.21	17.24	14.50 - 20.38	0.257
Rural Southeast	14.22	11.60 - 17.31	16.57	13.72 - 19.88	0.184
Rural Southwest	13.14 ^b	10.70 - 16.03	15.99	13.19 - 19.25	0.083
Virginia	9.61	8.49 - 10.87	10.13	8.92 - 11.48	0.481
Region 1	--	-- --	12.28	10.13 - 14.81	--
Region 2	9.14	7.33 - 11.34	7.60	6.04 - 9.52	0.157
Region 3	10.06	8.14 - 12.38	9.89	7.91 - 12.29	0.879
Region 4	--	-- --	9.79	7.78 - 12.26	--
Region 5	9.83 ^a	8.09 - 11.91	12.18	10.10 - 14.63	0.050

See notes at end of table.

(continued)

Table 2 *Marijuana Use in the Past Year* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		<i>P</i> Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Washington¹	12.33 ^a	10.98 - 13.82	15.54	13.96 - 17.26	0.001
Region 1	--	-- --	13.37	11.20 - 15.89	--
East 1 (previously Region 1)	11.89	9.48 - 14.82	13.97	11.13 - 17.40	0.182
East 2 (previously Region 2)	10.08 ^b	7.73 - 13.03	12.56	9.95 - 15.73	0.086
Region 2	--	-- --	17.01	14.95 - 19.29	--
North 1 (previously Region 3)	12.06 ^a	9.76 - 14.80	16.43	13.74 - 19.52	0.006
North 2 (previously Region 4)	13.12 ^a	10.94 - 15.66	17.35	14.79 - 20.25	0.006
Region 3	--	-- --	14.91	12.79 - 17.30	--
West 1 (previously Region 5)	13.32	10.85 - 16.26	15.63	12.95 - 18.74	0.143
West 2 (previously Region 6)	11.79	9.45 - 14.62	14.24	11.58 - 17.38	0.113
West Virginia¹	9.68	8.59 - 10.88	9.79	8.63 - 11.10	0.870
Region I	8.88	6.82 - 11.50	8.74	6.60 - 11.50	0.909
Region II	--	-- --	9.93	7.80 - 12.55	--
Region III	7.95	6.05 - 10.38	7.41	5.63 - 9.69	0.600
Region IV	--	-- --	13.38	11.34 - 15.73	--
Region V	--	-- --	8.77	7.26 - 10.56	--
Region VI	--	-- --	8.66	6.76 - 11.03	--
Wisconsin	10.58	9.46 - 11.82	10.28	9.01 - 11.71	0.679
Milwaukee	12.59	10.24 - 15.38	13.67	10.85 - 17.09	0.480
Northeastern	9.49	7.72 - 11.61	8.76	7.08 - 10.79	0.507
Northern	9.82	7.67 - 12.48	7.94	5.94 - 10.54	0.111
Southeastern	9.76	7.87 - 12.04	10.32	8.22 - 12.89	0.634
Southern	--	-- --	10.43	8.58 - 12.63	--
Western	--	-- --	9.86	7.85 - 12.31	--

See notes at end of table.

(continued)

Table 2 Marijuana Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Wyoming	10.38	9.21 - 11.69	10.04	8.81 - 11.42	0.635
Judicial District 1 (Laramie)	9.73	7.66 - 12.30	9.47	7.50 - 11.89	0.829
Judicial District 2	15.14	12.35 - 18.42	14.87	12.15 - 18.07	0.871
Judicial District 3	10.01 ^a	7.98 - 12.48	6.64	5.15 - 8.51	0.002
Judicial District 4	9.18	7.15 - 11.70	9.48	7.31 - 12.22	0.790
Judicial District 5	8.16	6.18 - 10.70	7.98	6.00 - 10.52	0.869
Judicial District 6	9.01	6.95 - 11.60	8.59	6.62 - 11.08	0.716
Judicial District 7 (Natrona)	11.30	8.94 - 14.19	10.87	8.77 - 13.39	0.732
Judicial District 8	7.26 ^a	5.42 - 9.66	9.73	7.46 - 12.58	0.035
Judicial District 9	12.20	9.45 - 15.61	13.26	10.21 - 17.05	0.539

ECBH = East Carolina Behavioral Health; SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2002-2004 and 2010-2012); hence, the 2002-2004 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2010-2012 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=34>.

NOTE: Substate, State, and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques, with their *p* values being the Bayes posterior probability of no change between the 2002-2004 and 2010-2012 estimates. The "Total U.S." estimates, along with the 95 percent confidence intervals and *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.10 level.

¹ Names of some of the substate regions for this State have changed across the two time periods (2002-2004 vs. 2010-2012). For details, see the methodology write-up for comparing estimates located below the tables.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2004, 2010, 2011, and 2012 (2010 Data - Revised March 2012).

Table 3 Marijuana Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Total United States	6.12 ^a	5.95 - 6.29	7.01	6.82 - 7.20	0.000
Northeast	6.78 ^a	6.44 - 7.13	7.66	7.25 - 8.08	0.000
Midwest	6.03 ^a	5.78 - 6.29	6.68	6.39 - 7.00	0.000
South	5.39 ^a	5.18 - 5.62	5.74	5.47 - 6.01	0.035
West	6.79 ^a	6.42 - 7.18	8.82	8.37 - 9.30	0.000
Alabama	4.45	3.71 - 5.33	5.02	4.21 - 5.98	0.254
Region 1	3.98	2.97 - 5.31	5.07	3.82 - 6.69	0.121
Region 2	5.15	4.03 - 6.56	5.56	4.34 - 7.09	0.604
Region 3	4.39	3.24 - 5.92	4.28	3.16 - 5.75	0.870
Region 4	4.08	3.05 - 5.44	4.77	3.60 - 6.30	0.323
Alaska	10.34 ^b	8.89 - 11.99	12.34	10.72 - 14.17	0.061
Anchorage	--	-- --	12.48	10.39 - 14.91	--
Northern	--	-- --	13.14	10.50 - 16.31	--
South Central	--	-- --	11.42	8.90 - 14.55	--
Southeast	10.51	7.74 - 14.13	12.43	9.38 - 16.31	0.314
Arizona	5.65 ^a	4.73 - 6.75	6.97	5.86 - 8.27	0.050
Maricopa	5.54	4.49 - 6.83	6.66	5.44 - 8.12	0.160
Pima	6.41	4.83 - 8.46	8.17	6.10 - 10.86	0.101
Rural North	6.15	4.49 - 8.37	7.43	5.41 - 10.12	0.246
Rural South	4.69 ^a	3.25 - 6.71	6.59	4.57 - 9.41	0.042
Arkansas¹	5.69	4.83 - 6.70	4.95	4.15 - 5.91	0.157
Catchment Area 1	--	-- --	5.25	3.88 - 7.07	--
Catchment Area 2	4.64	3.31 - 6.47	4.46	3.11 - 6.35	0.821
Catchment Area 3	5.35 ^b	4.01 - 7.10	3.99	2.83 - 5.58	0.062
Catchment Area 4	--	-- --	4.98	3.46 - 7.13	--
Catchment Area 5	--	-- --	5.05	3.67 - 6.91	--
Catchment Area 6	--	-- --	5.46	3.83 - 7.73	--
Catchment Area 7	--	-- --	3.98	2.71 - 5.81	--
Catchment Area 8	6.75	5.14 - 8.82	5.82	4.48 - 7.53	0.321

See notes at end of table.

(continued)

Table 3 Marijuana Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
California	6.79 ^a	6.21 - 7.42	8.74	8.06 - 9.48	0.000
Region 1R	--	-- --	15.38	11.77 - 19.86	--
Region 2R	--	-- --	10.82	8.40 - 13.83	--
Region 3R (Sacramento)	--	-- --	10.46	8.12 - 13.37	--
Region 4R	--	-- --	10.30	8.07 - 13.06	--
Region 5R (San Francisco)	--	-- --	13.47	10.18 - 17.61	--
Region 6 (Santa Clara)	5.24	3.95 - 6.91	6.50	5.02 - 8.39	0.141
Region 7R (Contra Costa)	--	-- --	8.80	6.67 - 11.53	--
Region 8R (Alameda)	--	-- --	9.06	7.05 - 11.58	--
Region 9R (San Mateo)	--	-- --	7.54	5.44 - 10.35	--
Region 10	7.44	5.72 - 9.63	9.29	7.10 - 12.06	0.110
Region 11 (Los Angeles)	5.55 ^a	4.70 - 6.53	8.04	7.13 - 9.05	0.000
LA SPA 1 and 5	--	-- --	9.27	7.01 - 12.16	--
LA SPA 2	--	-- --	6.98	5.40 - 8.97	--
LA SPA 3	--	-- --	6.08	4.72 - 7.81	--
LA SPA 4	--	-- --	9.88	7.52 - 12.88	--
LA SPA 6	--	-- --	10.00	7.71 - 12.88	--
LA SPA 7	--	-- --	6.19	4.65 - 8.18	--
LA SPA 8	--	-- --	9.91	7.85 - 12.43	--
Region 12R	--	-- --	8.16	5.95 - 11.09	--
Regions 13 and 19R	--	-- --	8.12	6.61 - 9.94	--
Region 13 (Riverside)	6.15 ^a	4.70 - 8.00	8.31	6.69 - 10.27	0.025
Region 19R (Imperial)	--	-- --	5.72	4.01 - 8.10	--
Region 14 (Orange)	6.29	5.01 - 7.86	7.18	5.85 - 8.78	0.310
Region 15R (Fresno)	--	-- --	7.81	5.83 - 10.38	--
Region 16R (San Diego)	--	-- --	9.10	7.48 - 11.03	--
Region 17R	--	-- --	7.68	5.91 - 9.92	--
Region 18R (San Bernardino)	--	-- --	7.76	6.21 - 9.65	--
Region 20R	--	-- --	8.51	6.47 - 11.11	--
Region 21R	--	-- --	12.25	9.43 - 15.77	--
Colorado	7.76 ^a	6.69 - 8.97	11.66	10.17 - 13.34	0.000
Region 1	6.53 ^a	5.06 - 8.39	9.59	7.39 - 12.35	0.008
Regions 2 and 7	8.58 ^a	7.15 - 10.26	13.45	11.36 - 15.84	0.000
Region 3	6.71 ^a	5.06 - 8.85	9.08	6.92 - 11.82	0.047
Region 4	5.60 ^a	4.02 - 7.75	8.50	5.84 - 12.21	0.015
Regions 5 and 6	7.49 ^b	5.51 - 10.12	10.11	7.47 - 13.54	0.063
Connecticut	6.73 ^a	5.78 - 7.83	8.32	7.13 - 9.68	0.022
Eastern	7.38	5.51 - 9.82	7.86	6.03 - 10.20	0.666
North Central	6.59 ^b	5.28 - 8.21	8.33	6.60 - 10.45	0.086
Northwestern	8.88	6.77 - 11.57	7.44	5.58 - 9.85	0.273
South Central	6.45 ^a	5.07 - 8.16	10.06	7.92 - 12.70	0.002
Southwest	4.96 ^a	3.66 - 6.69	7.23	5.42 - 9.59	0.017

See notes at end of table.

(continued)

Table 3 Marijuana Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Delaware	6.36	5.49 - 7.36	7.00	6.02 - 8.13	0.288
Kent	5.36	3.96 - 7.21	6.04	4.48 - 8.11	0.472
New Castle (excluding Wilmington City)	7.05	5.97 - 8.31	7.14	5.96 - 8.54	0.906
Sussex	4.87 ^b	3.72 - 6.36	6.32	4.80 - 8.29	0.094
Wilmington City	7.46 ^b	5.35 - 10.30	10.11	7.57 - 13.38	0.062
District of Columbia	8.27 ^a	7.07 - 9.66	10.45	9.05 - 12.03	0.014
Ward 1	9.34	6.99 - 12.36	11.77	8.93 - 15.36	0.152
Ward 2	9.60	7.33 - 12.47	10.75	8.34 - 13.75	0.445
Ward 3	7.91	5.96 - 10.45	9.05	6.93 - 11.73	0.392
Ward 4	6.13 ^a	4.44 - 8.42	9.99	7.31 - 13.51	0.006
Ward 5	7.22 ^a	5.41 - 9.58	10.81	8.35 - 13.88	0.010
Ward 6	9.05	6.64 - 12.22	10.33	7.64 - 13.83	0.434
Ward 7	8.17	6.20 - 10.70	9.57	7.13 - 12.72	0.334
Ward 8	8.92 ^b	6.85 - 11.55	11.44	8.99 - 14.44	0.085
Florida¹	6.34	5.78 - 6.95	6.48	5.91 - 7.11	0.728
Region A - Northwest	--	-- --	8.51	7.22 - 10.00	--
Circuit 1	7.19	5.54 - 9.28	7.43	5.80 - 9.47	0.824
Circuit 2	--	-- --	10.62	8.38 - 13.38	--
Circuit 14	--	-- --	8.23	6.00 - 11.18	--
Region B - Northeast	--	-- --	7.53	6.41 - 8.84	--
Circuits 3 and 8	--	-- --	8.92	6.98 - 11.34	--
Circuit 4	--	-- --	7.81	6.09 - 9.95	--
Circuit 7	--	-- --	6.28	4.84 - 8.11	--
Region C - Central	--	-- --	6.72	5.86 - 7.70	--
Circuit 5	3.92 ^a	2.91 - 5.26	5.62	4.25 - 7.38	0.021
Circuit 9	--	-- --	7.63	6.18 - 9.40	--
Circuit 10	5.26	4.00 - 6.91	6.10	4.64 - 7.99	0.333
Circuit 18	--	-- --	7.49	5.81 - 9.61	--
Circuit 19	5.01	3.73 - 6.69	6.08	4.44 - 8.27	0.237
Region D - Southeast	--	-- --	5.25	4.40 - 6.27	--
Circuit 15 (Palm Beach)	5.86	4.58 - 7.47	5.20	4.00 - 6.74	0.428
Circuit 17 (Broward)	6.63 ^b	5.32 - 8.24	5.29	4.23 - 6.60	0.089
Region E - Sun Coast	--	-- --	6.81	5.88 - 7.88	--
Circuit 6	--	-- --	7.58	5.96 - 9.61	--
Circuit 12	--	-- --	6.55	4.84 - 8.81	--
Circuit 13 (Hillsborough)	--	-- --	6.66	5.40 - 8.18	--
Circuit 20	4.04 ^a	3.00 - 5.43	6.20	4.70 - 8.15	0.009
Region F - Southern (Circuits 11 and 16)	5.12	4.17 - 6.26	4.82	3.98 - 5.82	0.627
Georgia	5.42	4.52 - 6.49	5.34	4.49 - 6.33	0.886
Region 1	--	-- --	4.50	3.42 - 5.88	--
Region 2	--	-- --	4.54	3.28 - 6.26	--
Region 3	--	-- --	6.50	5.10 - 8.26	--
Region 4	--	-- --	5.62	3.95 - 7.93	--
Region 5	--	-- --	5.77	4.00 - 8.27	--
Region 6	--	-- --	4.70	3.40 - 6.47	--

See notes at end of table.

(continued)

Table 3 Marijuana Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Hawaii	7.09	5.93 - 8.45	7.06	5.96 - 8.34	0.969
Hawaii Island	9.26	6.78 - 12.52	9.27	6.82 - 12.47	0.996
Honolulu	5.89	4.79 - 7.23	6.21	5.11 - 7.52	0.686
Kauai and Maui	10.86	7.88 - 14.77	8.85	6.72 - 11.58	0.257
Kauai	--	-- --	8.78	5.99 - 12.68	--
Maui	--	-- --	8.88	6.48 - 12.06	--
Idaho	4.74 ^a	3.97 - 5.65	6.44	5.43 - 7.62	0.002
Region 1	5.14	3.71 - 7.08	5.60	3.95 - 7.88	0.616
Region 2	6.24	4.51 - 8.59	7.69	5.53 - 10.58	0.212
Region 3	4.38 ^a	3.22 - 5.93	6.18	4.56 - 8.33	0.036
Region 4	4.98 ^a	3.80 - 6.50	8.00	6.29 - 10.13	0.002
Region 5	4.44	3.22 - 6.10	4.70	3.33 - 6.59	0.737
Region 6	4.40 ^a	3.21 - 6.00	6.76	4.86 - 9.32	0.005
Region 7	3.82	2.70 - 5.38	4.86	3.50 - 6.73	0.153
Illinois	5.62 ^a	5.13 - 6.16	6.75	6.21 - 7.34	0.002
Region I (Cook)	6.38 ^a	5.60 - 7.25	8.21	7.30 - 9.22	0.002
Region II	5.09	4.36 - 5.92	5.53	4.81 - 6.35	0.375
Region III	5.55	4.65 - 6.62	6.12	5.09 - 7.35	0.370
Region IV	4.48	3.56 - 5.63	4.81	3.75 - 6.16	0.590
Region V	4.83 ^a	3.93 - 5.93	6.75	5.54 - 8.20	0.008
Indiana	5.93	5.05 - 6.96	6.45	5.46 - 7.59	0.371
Central	6.67	5.17 - 8.56	6.76	5.17 - 8.81	0.926
East	5.88	4.28 - 8.02	6.79	4.92 - 9.30	0.356
North Central	6.42	4.82 - 8.51	6.83	5.11 - 9.07	0.692
Northeast	4.70	3.35 - 6.55	5.22	3.81 - 7.12	0.517
Northwest	5.63	4.07 - 7.74	6.67	4.85 - 9.11	0.338
Southeast	4.77	3.48 - 6.51	5.42	4.00 - 7.30	0.416
Southwest	5.60	4.07 - 7.67	5.30	3.70 - 7.54	0.727
West	6.48	4.91 - 8.51	7.60	5.66 - 10.12	0.273
Iowa	4.39 ^a	3.65 - 5.28	5.69	4.79 - 6.73	0.010
Central	4.47 ^b	3.22 - 6.17	5.96	4.47 - 7.91	0.067
North Central	4.75 ^a	3.44 - 6.53	7.79	5.72 - 10.51	0.001
Northeast	4.48	3.42 - 5.84	5.22	4.03 - 6.74	0.284
Northwest	3.72	2.66 - 5.18	3.79	2.65 - 5.39	0.917
Southeast	4.85 ^a	3.61 - 6.48	6.52	4.94 - 8.57	0.050
Southwest	3.77 ^b	2.60 - 5.42	5.12	3.68 - 7.09	0.076
Kansas	4.79	4.00 - 5.74	4.55	3.75 - 5.50	0.619
Kansas City Metro	5.65	4.42 - 7.21	4.82	3.74 - 6.19	0.277
Northeast	4.57	3.38 - 6.15	4.31	3.11 - 5.94	0.718
South Central	4.45	3.23 - 6.10	4.15	2.88 - 5.94	0.687
Southeast	3.66 ^b	2.52 - 5.27	4.95	3.35 - 7.26	0.095
West	3.48	2.44 - 4.94	4.34	3.06 - 6.12	0.179
Wichita (Sedgwick)	5.16	3.83 - 6.93	4.54	3.30 - 6.22	0.428

See notes at end of table.

(continued)

Table 3 Marijuana Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Kentucky	6.46 ^b	5.48 - 7.60	5.36	4.52 - 6.34	0.051
Adanta, Cumberland River, and Lifeskills	4.40	3.18 - 6.06	3.78	2.71 - 5.24	0.383
Bluegrass, Comprehend, and North Key	7.10 ^b	5.58 - 9.00	5.48	4.32 - 6.92	0.067
Communicare and River Valley	6.41	4.69 - 8.71	5.43	3.84 - 7.63	0.303
Four Rivers and Pennyroyal	5.59	4.02 - 7.73	5.06	3.55 - 7.15	0.543
Kentucky River, Mountain, and Pathways	5.19	3.77 - 7.12	4.04	2.82 - 5.77	0.142
Seven Counties	8.40	6.56 - 10.70	7.16	5.54 - 9.21	0.276
Louisiana	5.56 ^a	4.74 - 6.51	4.50	3.80 - 5.33	0.025
Regions 1 and 10	--	-- --	5.95	4.65 - 7.58	--
Region 1	7.32	5.38 - 9.88	6.39	4.69 - 8.64	0.384
Region 10 (Jefferson)	5.96	4.37 - 8.09	5.51	3.96 - 7.62	0.623
Regions 2 and 9	5.92 ^b	4.73 - 7.39	4.60	3.62 - 5.82	0.056
Region 3	5.15	3.71 - 7.13	4.50	3.16 - 6.37	0.420
Regions 4, 5, and 6	--	-- --	3.74	2.77 - 5.05	--
Regions 7 and 8	5.07	3.90 - 6.55	3.99	2.96 - 5.35	0.106
Maine¹	7.98	6.86 - 9.26	8.41	7.27 - 9.70	0.557
Aroostook/Downeast	--	-- --	6.88	5.26 - 8.96	--
Aroostook	--	-- --	6.49	4.56 - 9.17	--
Downeast	--	-- --	7.20	5.10 - 10.06	--
Central	--	-- --	8.24	6.34 - 10.65	--
Cumberland	9.22	7.30 - 11.58	9.38	7.38 - 11.86	0.896
Midcoast	6.82	5.09 - 9.07	7.76	5.67 - 10.53	0.421
Penquis	--	-- --	8.55	6.64 - 10.95	--
Western	--	-- --	9.47	7.33 - 12.15	--
York	6.78	5.11 - 8.95	7.72	5.85 - 10.12	0.405
Maryland	5.30	4.48 - 6.26	5.69	4.84 - 6.68	0.444
Anne Arundel	5.78	4.17 - 7.94	5.12	3.64 - 7.16	0.467
Baltimore City	6.96	5.25 - 9.18	8.17	6.27 - 10.58	0.286
Baltimore County	--	-- --	5.21	3.81 - 7.09	--
Montgomery	4.96	3.66 - 6.69	5.38	4.00 - 7.20	0.601
North Central	--	-- --	5.25	3.78 - 7.25	--
Northeast	--	-- --	4.85	3.41 - 6.85	--
Prince George's	5.38	3.98 - 7.25	5.83	4.29 - 7.89	0.603
South	--	-- --	6.63	4.81 - 9.08	--
West	--	-- --	4.59	3.27 - 6.40	--

See notes at end of table.

(continued)

Table 3 Marijuana Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Massachusetts	7.74 ^a	6.73 - 8.89	9.73	8.49 - 11.13	0.007
Boston	9.66	7.45 - 12.44	11.54	9.03 - 14.64	0.208
Central	7.51 ^b	5.74 - 9.77	9.87	7.58 - 12.77	0.063
Metrowest	6.70 ^a	5.27 - 8.50	9.19	7.29 - 11.53	0.022
Northeast	7.22	5.57 - 9.31	9.10	7.19 - 11.47	0.102
Southeast	7.71 ^b	6.12 - 9.67	9.91	7.82 - 12.47	0.064
Western	8.90	6.93 - 11.35	9.52	7.37 - 12.22	0.623
Michigan¹	7.31 ^a	6.72 - 7.94	8.74	8.07 - 9.47	0.002
Detroit City	9.12 ^a	7.42 - 11.16	13.59	11.17 - 16.45	0.002
Genesee	9.23	7.24 - 11.70	9.57	7.67 - 11.89	0.780
Kalamazoo	--	-- --	8.86	7.06 - 11.05	--
Kent	6.04 ^a	4.76 - 7.64	8.48	6.81 - 10.51	0.013
Lakeshore	--	-- --	7.52	6.02 - 9.36	--
Macomb	7.00	5.62 - 8.69	7.06	5.73 - 8.67	0.947
Mid South	--	-- --	8.27	6.79 - 10.04	--
Northern	6.66 ^a	5.37 - 8.24	9.06	7.44 - 10.98	0.016
Oakland	7.24	5.97 - 8.77	7.90	6.56 - 9.48	0.470
Pathways and Western	--	-- --	11.44	9.04 - 14.38	--
Riverhaven	6.32	4.73 - 8.40	7.93	6.07 - 10.30	0.122
Saginaw	6.56 ^a	4.81 - 8.88	8.74	6.58 - 11.51	0.049
Southeast	7.06 ^b	5.86 - 8.49	8.66	7.22 - 10.36	0.087
St. Clair	6.22	4.69 - 8.20	7.80	5.92 - 10.23	0.131
Washtenaw	7.59	6.09 - 9.42	8.20	6.66 - 10.07	0.535
Minnesota	6.16	5.22 - 7.26	6.24	5.32 - 7.31	0.897
Regions 1 and 2	6.68	4.91 - 9.04	6.21	4.37 - 8.76	0.656
Regions 3 and 4	5.43	4.18 - 7.04	5.86	4.44 - 7.71	0.600
Regions 5 and 6	5.27	4.04 - 6.84	6.69	5.14 - 8.68	0.103
Region 7A (Hennepin)	7.58	5.87 - 9.74	6.52	5.07 - 8.34	0.289
Region 7B (Ramsey)	7.45	5.44 - 10.11	7.19	5.12 - 10.01	0.831
Region 7C	5.10	3.82 - 6.79	5.46	4.17 - 7.12	0.659
Mississippi	4.41 ^a	3.64 - 5.34	5.46	4.62 - 6.46	0.035
Region 1	3.77 ^a	2.78 - 5.09	5.25	4.00 - 6.87	0.034
Region 2	4.75	3.45 - 6.50	5.99	4.40 - 8.12	0.161
Region 3	3.94 ^b	2.83 - 5.47	5.30	3.84 - 7.27	0.069
Region 4	4.38	3.16 - 6.04	5.41	4.07 - 7.15	0.196
Region 5	3.82	2.58 - 5.61	4.75	3.21 - 6.96	0.221
Region 6	4.67	3.34 - 6.50	4.81	3.48 - 6.62	0.852
Region 7	5.51	3.97 - 7.59	6.27	4.65 - 8.40	0.425

See notes at end of table.

(continued)

Table 3 Marijuana Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Missouri	6.30	5.34 - 7.41	5.88	4.99 - 6.91	0.459
Central	7.16 ^a	5.50 - 9.27	5.18	3.80 - 7.01	0.035
Eastern	6.73	5.36 - 8.42	6.79	5.52 - 8.32	0.949
Eastern (St. Louis City and County)	7.04	5.40 - 9.13	7.29	5.68 - 9.33	0.810
Eastern (excluding St. Louis)	6.10	4.46 - 8.28	5.91	4.43 - 7.83	0.833
Northwest	6.63	5.23 - 8.37	5.83	4.62 - 7.31	0.312
Northwest (Jackson)	7.71	5.87 - 10.05	6.47	4.89 - 8.52	0.246
Northwest (excluding Jackson)	5.66	4.07 - 7.82	5.28	3.88 - 7.13	0.669
Southeast	4.73	3.37 - 6.58	4.19	2.97 - 5.88	0.478
Southwest	5.23	3.90 - 6.99	5.83	4.29 - 7.86	0.493
Montana	8.54 ^a	7.36 - 9.87	10.65	9.32 - 12.15	0.012
Region 1	7.05	5.07 - 9.71	7.68	5.53 - 10.57	0.614
Region 2	7.69	5.82 - 10.10	9.66	7.25 - 12.76	0.139
Region 3	6.89 ^a	5.23 - 9.03	10.13	8.00 - 12.75	0.010
Region 4	9.53 ^b	7.67 - 11.78	11.87	9.71 - 14.42	0.080
Region 5	9.66	7.75 - 11.97	11.17	9.10 - 13.63	0.263
Nebraska	5.38	4.56 - 6.34	5.32	4.48 - 6.30	0.901
Regions 1 and 2	4.06	2.85 - 5.76	4.21	3.00 - 5.89	0.831
Region 1	--	-- --	4.49	2.94 - 6.80	--
Region 2	--	-- --	3.96	2.63 - 5.92	--
Region 3	4.80	3.53 - 6.48	4.44	3.19 - 6.15	0.607
Region 4	4.37 ^a	3.15 - 6.03	3.03	2.05 - 4.46	0.031
Region 5	5.58	4.34 - 7.16	4.91	3.76 - 6.39	0.378
Region 6	6.16	4.96 - 7.63	6.71	5.42 - 8.28	0.511
Nevada¹	7.06	5.90 - 8.43	7.97	6.63 - 9.54	0.290
Clark – Region 1	6.76	5.46 - 8.35	7.71	6.24 - 9.50	0.326
Region 3	6.29	4.64 - 8.49	7.26	5.36 - 9.77	0.368
Capital District	--	-- --	7.25	4.98 - 10.45	--
Rural/Frontier	--	-- --	7.27	4.94 - 10.59	--
Washoe – Region 2	9.02	6.93 - 11.67	9.67	7.35 - 12.64	0.656
New Hampshire	9.60	8.35 - 11.02	8.72	7.60 - 9.99	0.281
Central	8.56	6.97 - 10.47	9.19	7.59 - 11.10	0.532
Central 1	8.18 ^a	6.39 - 10.43	11.24	8.95 - 14.03	0.020
Central 2	8.92	6.78 - 11.64	7.21	5.51 - 9.37	0.160
Northern	8.91	6.72 - 11.73	9.90	7.57 - 12.84	0.504
Southern	10.25 ^a	8.72 - 12.02	8.23	7.00 - 9.65	0.035
Southern 1 (Rockingham)	9.50	7.33 - 12.23	8.18	6.52 - 10.20	0.294
Southern 2	10.71 ^a	8.85 - 12.91	8.26	6.77 - 10.05	0.040
New Jersey	4.67 ^a	3.93 - 5.55	6.30	5.32 - 7.45	0.003
Central	5.15	3.90 - 6.75	6.03	4.61 - 7.85	0.297
Metropolitan	4.65	3.54 - 6.09	5.82	4.47 - 7.55	0.133
Northern	4.41 ^a	3.42 - 5.67	6.50	5.01 - 8.39	0.008
Southern	4.59 ^a	3.42 - 6.12	6.83	5.24 - 8.86	0.011

See notes at end of table.

(continued)

Table 3 Marijuana Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
New Mexico	7.79	6.68 - 9.06	8.59	7.37 - 9.99	0.303
Region 1	7.51	5.70 - 9.85	8.08	6.33 - 10.28	0.633
Region 2	7.48	5.41 - 10.27	7.75	5.76 - 10.34	0.831
Region 3 (Bernalillo)	9.22	7.46 - 11.34	11.16	9.13 - 13.57	0.119
Region 4	6.66	4.94 - 8.91	6.54	4.83 - 8.78	0.905
Region 5	6.83	5.27 - 8.82	6.82	5.16 - 8.95	0.985
New York	7.53	6.91 - 8.20	7.80	7.16 - 8.50	0.534
Region A	7.12	6.27 - 8.08	7.40	6.54 - 8.35	0.637
Region 1	6.83	5.27 - 8.80	7.02	5.53 - 8.88	0.849
Region 2	6.80	5.51 - 8.38	7.86	6.52 - 9.45	0.223
Region 3	10.73 ^a	8.72 - 13.13	7.24	5.69 - 9.18	0.005
Region 4	5.13 ^a	4.02 - 6.53	7.12	5.78 - 8.75	0.019
Region B	--	-- --	7.70	6.72 - 8.81	--
Region 5	7.06	5.92 - 8.39	7.88	6.64 - 9.32	0.329
Region 6	6.48	5.11 - 8.17	6.93	5.36 - 8.92	0.635
Region 7	8.03	6.31 - 10.15	8.33	6.57 - 10.52	0.774
Region C	--	-- --	8.31	7.39 - 9.33	--
Region 8	9.99	8.08 - 12.30	8.26	6.66 - 10.20	0.131
Region 9	8.80	7.11 - 10.85	8.87	7.15 - 10.95	0.952
Region 10	9.09	7.22 - 11.38	8.96	6.93 - 11.52	0.916
Region 11	8.47	6.90 - 10.35	7.90	6.28 - 9.90	0.590
Region 12	7.77	6.28 - 9.59	8.01	6.40 - 9.99	0.814
Region D	7.61	6.46 - 8.94	8.76	7.37 - 10.37	0.144
Region 13	7.02 ^a	5.33 - 9.19	9.36	7.14 - 12.19	0.048
Region 14	7.46	5.75 - 9.63	9.16	6.99 - 11.92	0.159
Region 15	8.27	6.46 - 10.53	7.82	5.96 - 10.18	0.694
North Carolina	5.44 ^a	4.59 - 6.44	6.89	5.83 - 8.13	0.018
Alliance	--	-- --	6.67	5.12 - 8.63	--
Cardinal Innovations	--	-- --	6.50	4.92 - 8.54	--
CenterPoint/Guilford	--	-- --	6.81	5.16 - 8.95	--
CenterPoint	--	-- --	6.74	4.66 - 9.66	--
Guilford	--	-- --	6.89	4.92 - 9.57	--
CoastalCare	--	-- --	7.50	5.28 - 10.56	--
Eastpointe	--	-- --	6.86	5.01 - 9.32	--
ECBH	--	-- --	6.83	4.92 - 9.42	--
MeckLINK	--	-- --	7.27	5.17 - 10.13	--
Partners	--	-- --	6.98	5.13 - 9.44	--
Sandhills	--	-- --	6.61	4.66 - 9.31	--
Smoky Mountain	--	-- --	6.57	4.57 - 9.35	--
Western Highlands	--	-- --	8.00	5.66 - 11.18	--

See notes at end of table.

(continued)

Table 3 Marijuana Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
North Dakota	5.31	4.51 - 6.24	4.54	3.77 - 5.46	0.131
Badlands and West Central Lake Region and South Central	4.55	3.42 - 6.02	3.59	2.61 - 4.92	0.145
North Central and Northwest	4.56	3.34 - 6.20	4.66	3.33 - 6.49	0.897
Northeast	4.57	3.38 - 6.16	4.05	2.93 - 5.59	0.470
Southeast	5.58	4.20 - 7.37	5.71	4.32 - 7.51	0.876
	6.87 ^b	5.53 - 8.50	5.17	3.98 - 6.69	0.051
Ohio	6.36	5.84 - 6.93	6.94	6.38 - 7.55	0.119
Boards 2, 46, 55, and 68	5.34	4.05 - 7.00	6.79	5.29 - 8.68	0.102
Boards 3, 52, and 85	4.94	3.75 - 6.49	5.58	4.25 - 7.30	0.375
Boards 4 and 78	6.03	4.61 - 7.85	6.47	4.70 - 8.85	0.654
Boards 5 and 60	5.96 ^a	4.58 - 7.72	8.65	6.79 - 10.95	0.007
Boards 7, 15, 41, 79, and 84	5.28	3.97 - 6.99	4.77	3.59 - 6.32	0.536
Boards 8, 13, and 83	5.82	4.44 - 7.59	5.49	4.25 - 7.05	0.677
Board 9 (Butler)	6.68	5.18 - 8.58	6.86	5.30 - 8.82	0.849
Board 12	7.70	5.89 - 10.00	6.21	4.66 - 8.23	0.155
Boards 18 and 47	6.41	5.32 - 7.70	7.32	6.17 - 8.66	0.222
Boards 20, 32, 54, and 69	4.19	3.06 - 5.71	4.79	3.52 - 6.49	0.410
Boards 21, 39, 51, 70, and 80	5.37	4.18 - 6.87	6.24	4.80 - 8.09	0.280
Boards 22, 74, and 87	5.48	4.09 - 7.30	6.39	4.90 - 8.31	0.310
Boards 23 and 45	5.18	3.91 - 6.85	6.43	4.90 - 8.40	0.140
Board 25 (Franklin)	7.24 ^a	5.98 - 8.74	9.30	7.73 - 11.16	0.038
Boards 27, 71, and 73	4.78	3.56 - 6.40	5.18	3.88 - 6.87	0.625
Boards 28, 43, and 67	5.00	3.84 - 6.48	6.27	4.91 - 7.96	0.116
Board 31 (Hamilton)	7.30	5.81 - 9.13	7.82	6.32 - 9.65	0.599
Board 48 (Lucas)	7.70	6.11 - 9.67	7.69	5.92 - 9.93	0.989
Boards 50 and 76	6.70	5.22 - 8.55	7.04	5.57 - 8.86	0.721
Board 57 (Montgomery)	9.55 ^a	7.52 - 12.05	6.59	5.07 - 8.54	0.013
Board 77 (Summit)	7.26	5.71 - 9.18	8.22	6.51 - 10.34	0.368
Oklahoma	5.31	4.43 - 6.35	6.10	5.12 - 7.26	0.167
Central	5.36	3.93 - 7.29	5.66	4.04 - 7.88	0.733
East Central	3.86 ^a	2.68 - 5.54	5.60	3.92 - 7.92	0.026
Northeast	4.85	3.55 - 6.60	5.49	3.97 - 7.55	0.471
Northwest and Southwest	4.15 ^a	2.97 - 5.77	7.61	5.62 - 10.22	0.000
Oklahoma County	6.76	5.08 - 8.96	6.84	5.25 - 8.88	0.937
Southeast	4.53	3.33 - 6.15	5.50	3.96 - 7.60	0.248
Tulsa County	6.75	5.08 - 8.92	5.57	4.05 - 7.62	0.242
Oregon	8.36 ^a	7.19 - 9.69	11.16	9.71 - 12.80	0.001
Region 1 (Multnomah)	11.08 ^a	8.73 - 13.97	16.05	12.91 - 19.78	0.009
Region 2	7.29 ^b	5.65 - 9.36	9.68	7.56 - 12.31	0.059
Region 3	8.30 ^a	6.64 - 10.34	10.66	8.79 - 12.87	0.044
Region 4	7.40 ^b	5.64 - 9.67	9.95	7.45 - 13.16	0.073
Region 5 (Central)	--	-- --	8.80	6.33 - 12.11	--
Region 6 (Eastern)	--	-- --	8.79	5.74 - 13.24	--

See notes at end of table.

(continued)

Table 3 Marijuana Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Pennsylvania¹	5.76	5.27 - 6.29	6.23	5.69 - 6.80	0.185
Region 1 (Allegheny)	7.56	6.24 - 9.14	7.79	6.41 - 9.43	0.808
Regions 3, 8, 9, and 51	--	-- --	5.45	4.21 - 7.02	--
Regions 4, 11, 37, and 49	5.13	4.05 - 6.48	5.07	3.98 - 6.45	0.929
Regions 5, 18, 23, 24, and 46	4.56	3.62 - 5.73	5.60	4.29 - 7.30	0.141
Regions 6, 12, 16, 31, 35, 45, and 47	--	-- --	5.40	4.24 - 6.86	--
Regions 7, 13, 20, and 33	5.90	4.96 - 7.01	6.15	5.14 - 7.33	0.722
Regions 10, 15, 27, 32, 43, and 44	--	-- --	4.89	3.76 - 6.33	--
Regions 17 and 21	5.95	4.53 - 7.78	6.57	5.02 - 8.57	0.469
Regions 19, 26, 28, and 42	4.67	3.81 - 5.73	4.68	3.76 - 5.82	0.991
Regions 22, 38, 40, 41, and 48	4.12	3.12 - 5.42	4.70	3.67 - 6.00	0.381
Regions 29 and 34	5.75	4.41 - 7.47	6.19	4.73 - 8.07	0.623
Regions 30 and 50	--	-- --	4.73	3.51 - 6.34	--
Region 36 (Philadelphia)	7.49 ^a	6.29 - 8.90	10.19	8.56 - 12.09	0.006
Rhode Island	9.50 ^a	8.27 - 10.88	12.64	11.11 - 14.33	0.001
Bristol and Newport	9.16 ^b	6.98 - 11.94	11.82	9.07 - 15.27	0.084
Kent	8.26 ^a	6.33 - 10.70	12.03	9.45 - 15.20	0.010
Providence	9.39 ^a	7.95 - 11.06	12.77	10.87 - 14.93	0.005
Washington	12.01	9.29 - 15.40	13.63	10.85 - 16.99	0.365
South Carolina	5.31 ^a	4.45 - 6.34	6.64	5.66 - 7.77	0.027
Region 1	5.20	3.96 - 6.79	6.04	4.66 - 7.79	0.306
Region 2	5.36 ^a	4.23 - 6.76	7.19	5.79 - 8.90	0.029
Region 3	4.91 ^a	3.55 - 6.77	6.94	5.15 - 9.30	0.043
Region 4	5.66	4.28 - 7.43	6.39	4.99 - 8.17	0.396
South Dakota	5.04	4.22 - 6.00	5.16	4.24 - 6.25	0.826
Region 1	--	-- --	6.69	5.03 - 8.86	--
Region 2	--	-- --	5.12	3.50 - 7.45	--
Region 3	--	-- --	4.36	3.17 - 5.95	--
Region 4	--	-- --	4.51	3.15 - 6.43	--
Region 5	--	-- --	4.82	3.65 - 6.34	--
Tennessee	4.88	4.07 - 5.83	5.16	4.29 - 6.20	0.580
Region 1	5.55	3.92 - 7.81	4.49	3.10 - 6.46	0.233
Region 2	6.06 ^a	4.52 - 8.08	4.29	3.08 - 5.94	0.030
Region 3	--	-- --	4.82	3.48 - 6.66	--
Region 4 (Davidson)	6.78	4.89 - 9.31	6.60	4.81 - 8.99	0.876
Region 5	--	-- --	4.99	3.71 - 6.69	--
Region 6	3.86	2.73 - 5.45	4.88	3.44 - 6.89	0.171
Region 7 (Shelby)	5.03	3.70 - 6.81	6.51	4.86 - 8.68	0.115

See notes at end of table.

(continued)

Table 3 Marijuana Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Texas	4.66 ^b	4.25 - 5.12	5.25	4.76 - 5.77	0.053
Region 1	4.98	3.84 - 6.43	5.49	4.09 - 7.35	0.497
Region 2	4.66	3.41 - 6.33	5.11	3.65 - 7.11	0.537
Region 3	4.60 ^a	3.97 - 5.33	5.51	4.80 - 6.33	0.046
Region 3a	4.71	3.95 - 5.61	5.26	4.39 - 6.28	0.327
Region 3bc	4.42 ^a	3.52 - 5.53	5.96	4.90 - 7.22	0.018
Region 4	3.89	2.92 - 5.17	4.75	3.52 - 6.37	0.195
Region 5	4.69	3.55 - 6.16	5.11	3.76 - 6.91	0.551
Region 6	4.43	3.76 - 5.22	4.70	3.94 - 5.60	0.586
Region 6a	4.28	3.56 - 5.13	4.63	3.83 - 5.60	0.508
Region 6bc	5.67	4.22 - 7.59	5.27	3.81 - 7.24	0.627
Region 7	6.83	5.78 - 8.05	7.32	6.21 - 8.60	0.485
Region 7a	7.51	6.08 - 9.25	8.76	7.19 - 10.63	0.222
Region 7bcd	5.81	4.66 - 7.23	4.90	3.73 - 6.40	0.207
Region 8	4.54	3.63 - 5.66	5.16	4.17 - 6.38	0.315
Region 9	3.87	2.84 - 5.27	4.67	3.39 - 6.42	0.215
Region 10	3.58	2.67 - 4.79	4.01	2.97 - 5.39	0.434
Region 11	3.64	2.91 - 4.54	3.96	3.18 - 4.92	0.472
Region 11abd	3.76	2.86 - 4.91	4.55	3.48 - 5.92	0.164
Region 11c (Hidalgo)	3.41	2.49 - 4.65	2.92	2.09 - 4.07	0.312
Utah	4.00	3.29 - 4.87	3.91	3.19 - 4.79	0.850
Bear River, Northeastern, Summit, Tooele, and Wasatch	3.66	2.58 - 5.18	3.16	2.19 - 4.53	0.393
Central, Four Corners, San Juan, and Southwest	2.79	1.90 - 4.08	3.24	2.18 - 4.80	0.402
Davis County	3.38	2.39 - 4.75	3.63	2.55 - 5.14	0.653
Salt Lake County	5.08	3.97 - 6.48	4.62	3.53 - 6.02	0.539
Utah County	3.16	2.25 - 4.43	3.65	2.63 - 5.06	0.409
Weber, Morgan	3.49	2.38 - 5.08	3.72	2.56 - 5.38	0.706
Vermont	9.54 ^a	8.31 - 10.94	12.75	11.32 - 14.33	0.001
Champlain Valley	10.96 ^a	9.27 - 12.92	14.85	12.82 - 17.14	0.003
Rural Northeast	9.03 ^b	7.19 - 11.29	11.75	9.39 - 14.62	0.065
Rural Southeast	8.37 ^b	6.32 - 11.00	11.15	8.81 - 14.02	0.064
Rural Southwest	8.49 ^b	6.56 - 10.92	11.09	8.66 - 14.09	0.067
Virginia	5.60	4.72 - 6.63	5.58	4.72 - 6.59	0.975
Region 1	--	-- --	6.68	5.13 - 8.64	--
Region 2	5.59 ^b	4.20 - 7.40	4.08	3.02 - 5.49	0.054
Region 3	5.84	4.41 - 7.71	5.69	4.31 - 7.48	0.866
Region 4	--	-- --	5.00	3.60 - 6.89	--
Region 5	5.75	4.42 - 7.44	7.03	5.45 - 9.03	0.166

See notes at end of table.

(continued)

Table 3 Marijuana Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Washington¹	6.67 ^a	5.68 - 7.81	10.35	9.04 - 11.83	0.000
Region 1	--	-- --	8.13	6.43 - 10.23	--
East 1 (previously Region 1)	6.31 ^a	4.72 - 8.40	8.47	6.27 - 11.36	0.050
East 2 (previously Region 2)	5.66 ^b	4.06 - 7.84	7.66	5.63 - 10.34	0.059
Region 2	--	-- --	11.80	9.99 - 13.89	--
North 1 (previously Region 3)	6.69 ^a	5.18 - 8.61	12.04	9.61 - 14.98	0.000
North 2 (previously Region 4)	7.30 ^a	5.74 - 9.24	11.67	9.48 - 14.28	0.001
Region 3	--	-- --	9.80	8.05 - 11.87	--
West 1 (previously Region 5)	6.84 ^a	5.23 - 8.90	9.72	7.58 - 12.38	0.017
West 2 (previously Region 6)	6.18 ^a	4.61 - 8.23	9.87	7.59 - 12.74	0.002
West Virginia¹	5.36	4.55 - 6.31	5.55	4.73 - 6.49	0.721
Region I	5.04	3.69 - 6.85	4.56	3.13 - 6.61	0.570
Region II	--	-- --	5.59	4.12 - 7.54	--
Region III	4.62	3.32 - 6.41	4.22	2.94 - 6.03	0.596
Region IV	--	-- --	8.20	6.69 - 10.02	--
Region V	--	-- --	4.91	3.81 - 6.29	--
Region VI	--	-- --	4.45	3.20 - 6.15	--
Wisconsin	5.60	4.77 - 6.56	6.45	5.44 - 7.64	0.145
Milwaukee	7.25	5.55 - 9.40	8.96	6.71 - 11.87	0.155
Northeastern	4.95	3.80 - 6.42	5.62	4.28 - 7.33	0.388
Northern	5.69	4.16 - 7.73	5.28	3.66 - 7.55	0.660
Southeastern	4.97 ^b	3.75 - 6.56	6.68	4.94 - 8.97	0.073
Southern	--	-- --	6.27	4.83 - 8.11	--
Western	--	-- --	5.45	3.96 - 7.45	--

See notes at end of table.

(continued)

Table 3 Marijuana Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Wyoming	5.32	4.46 - 6.34	5.49	4.56 - 6.61	0.763
Judicial District 1 (Laramie)	4.57	3.33 - 6.26	5.60	4.10 - 7.60	0.240
Judicial District 2	7.21	5.51 - 9.39	7.82	5.88 - 10.33	0.600
Judicial District 3	5.36 ^a	3.98 - 7.18	3.74	2.69 - 5.17	0.032
Judicial District 4	4.69	3.30 - 6.64	5.20	3.62 - 7.41	0.552
Judicial District 5	3.96	2.82 - 5.53	4.85	3.28 - 7.12	0.264
Judicial District 6	4.45	3.14 - 6.28	4.15	2.92 - 5.88	0.697
Judicial District 7 (Natrona)	6.37	4.70 - 8.58	5.27	3.80 - 7.26	0.257
Judicial District 8	3.89 ^b	2.73 - 5.52	5.42	3.74 - 7.79	0.063
Judicial District 9	6.57	4.72 - 9.09	7.61	5.31 - 10.79	0.413

ECBH = East Carolina Behavioral Health; SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2002-2004 and 2010-2012); hence, the 2002-2004 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2010-2012 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=34>.

NOTE: Substate, State, and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques, with their *p* values being the Bayes posterior probability of no change between the 2002-2004 and 2010-2012 estimates. The "Total U.S." estimates, along with the 95 percent confidence intervals and *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.10 level.

¹ Names of some of the substate regions for this State have changed across the two time periods (2002-2004 vs. 2010-2012). For details, see the methodology write-up for comparing estimates located below the tables.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2004, 2010, 2011, and 2012 (2010 Data - Revised March 2012).

Table 4 Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Total United States	39.30 ^a	38.86 - 39.75	31.82	31.37 - 32.27	0.000
Northeast	36.52 ^a	35.62 - 37.42	30.05	29.25 - 30.87	0.000
Midwest	37.90 ^a	37.25 - 38.56	30.07	29.45 - 30.70	0.000
South	43.63 ^a	42.99 - 44.28	36.04	35.39 - 36.70	0.000
West	36.20 ^a	35.32 - 37.10	28.11	27.27 - 28.97	0.000
Alabama	49.66 ^a	46.83 - 52.50	39.11	36.42 - 41.87	0.000
Region 1	48.74 ^a	44.00 - 53.50	39.41	35.06 - 43.94	0.002
Region 2	49.15 ^a	44.84 - 53.46	36.22	32.19 - 40.46	0.000
Region 3	50.12 ^a	45.22 - 55.01	42.25	37.66 - 46.98	0.008
Region 4	51.21 ^a	46.87 - 55.53	40.42	35.91 - 45.09	0.000
Alaska	26.84 ^a	24.31 - 29.53	21.48	19.21 - 23.94	0.001
Anchorage	--	-- --	20.26	17.42 - 23.44	--
Northern	--	-- --	20.73	17.31 - 24.63	--
South Central	--	-- --	23.83	19.76 - 28.43	--
Southeast	24.21	19.82 - 29.20	21.94	17.75 - 26.80	0.408
Arizona	40.23 ^a	37.57 - 42.95	28.62	26.03 - 31.34	0.000
Maricopa	39.85 ^a	36.61 - 43.18	26.82	23.82 - 30.06	0.000
Pima	38.31 ^a	33.40 - 43.48	27.52	22.85 - 32.73	0.000
Rural North	40.22 ^a	35.03 - 45.63	31.88	26.81 - 37.40	0.010
Rural South	44.80 ^a	38.80 - 50.94	34.99	29.43 - 40.99	0.004
Arkansas¹	45.84 ^a	43.05 - 48.66	36.71	33.94 - 39.57	0.000
Catchment Area 1	--	-- --	34.25	29.49 - 39.35	--
Catchment Area 2	47.12 ^a	41.37 - 52.94	36.07	30.48 - 42.08	0.002
Catchment Area 3	48.88 ^a	43.73 - 54.05	39.67	34.34 - 45.27	0.005
Catchment Area 4	--	-- --	37.23	31.57 - 43.26	--
Catchment Area 5	--	-- --	34.36	29.46 - 39.61	--
Catchment Area 6	--	-- --	42.05	36.06 - 48.29	--
Catchment Area 7	--	-- --	40.91	34.98 - 47.12	--
Catchment Area 8	39.64 ^b	35.09 - 44.38	34.92	30.33 - 39.81	0.100

See notes at end of table.

(continued)

Table 4 Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
California	38.13 ^a	36.70 - 39.57	29.61	28.27 - 30.99	0.000
Region 1R	--	-- --	23.59	19.51 - 28.22	--
Region 2R	--	-- --	22.88	18.93 - 27.37	--
Region 3R (Sacramento)	--	-- --	26.20	22.02 - 30.86	--
Region 4R	--	-- --	23.59	19.76 - 27.90	--
Region 5R (San Francisco)	--	-- --	24.51	19.97 - 29.69	--
Region 6 (Santa Clara)	35.87 ^a	31.67 - 40.30	29.57	25.42 - 34.09	0.012
Region 7R (Contra Costa)	--	-- --	26.70	22.30 - 31.61	--
Region 8R (Alameda)	--	-- --	25.76	21.78 - 30.18	--
Region 9R (San Mateo)	--	-- --	28.22	23.34 - 33.67	--
Region 10	36.60 ^a	32.03 - 41.44	25.70	21.64 - 30.23	0.000
Region 11 (Los Angeles)	43.99 ^a	41.43 - 46.57	32.18	30.08 - 34.35	0.000
LA SPA 1 and 5	--	-- --	24.01	19.97 - 28.58	--
LA SPA 2	--	-- --	28.13	24.15 - 32.47	--
LA SPA 3	--	-- --	36.86	32.40 - 41.56	--
LA SPA 4	--	-- --	32.11	27.30 - 37.34	--
LA SPA 6	--	-- --	37.57	32.56 - 42.86	--
LA SPA 7	--	-- --	37.09	32.46 - 41.98	--
LA SPA 8	--	-- --	30.78	26.59 - 35.32	--
Region 12R	--	-- --	27.70	23.16 - 32.75	--
Regions 13 and 19R	--	-- --	31.01	27.45 - 34.80	--
Region 13 (Riverside)	41.10 ^a	36.68 - 45.66	30.07	26.33 - 34.09	0.000
Region 19R (Imperial)	--	-- --	42.95	36.92 - 49.20	--
Region 14 (Orange)	37.26 ^a	33.41 - 41.27	31.40	28.04 - 34.96	0.012
Region 15R (Fresno)	--	-- --	31.41	26.98 - 36.21	--
Region 16R (San Diego)	--	-- --	29.03	25.86 - 32.42	--
Region 17R	--	-- --	35.01	30.68 - 39.60	--
Region 18R (San Bernardino)	--	-- --	32.10	28.21 - 36.25	--
Region 20R	--	-- --	31.64	27.03 - 36.64	--
Region 21R	--	-- --	27.91	23.69 - 32.55	--
Colorado	30.48 ^a	28.02 - 33.05	22.10	19.89 - 24.49	0.000
Region 1	32.22 ^a	27.85 - 36.92	21.39	17.47 - 25.91	0.000
Regions 2 and 7	29.09 ^a	26.02 - 32.37	19.63	17.02 - 22.52	0.000
Region 3	29.41 ^a	24.98 - 34.26	23.65	19.68 - 28.15	0.031
Region 4	44.16 ^a	38.19 - 50.30	36.31	30.20 - 42.90	0.024
Regions 5 and 6	29.59	24.89 - 34.76	26.43	21.48 - 32.05	0.290
Connecticut	32.87 ^a	30.10 - 35.77	27.83	25.29 - 30.53	0.005
Eastern	32.82 ^a	27.93 - 38.11	25.13	21.08 - 29.66	0.005
North Central	34.08 ^a	29.89 - 38.53	27.30	23.46 - 31.50	0.012
Northwestern	33.42	28.99 - 38.16	31.25	26.60 - 36.32	0.454
South Central	33.29 ^b	28.86 - 38.02	27.73	23.48 - 32.43	0.055
Southwest	30.13	25.26 - 35.50	27.39	23.09 - 32.15	0.357

See notes at end of table.

(continued)

Table 4 Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Delaware	38.70 ^a	36.16 - 41.31	30.49	27.92 - 33.18	0.000
Kent	41.98 ^a	36.88 - 47.25	31.89	27.25 - 36.92	0.001
New Castle (excluding Wilmington City)	34.48 ^a	31.34 - 37.76	28.74	25.67 - 32.03	0.008
Sussex	44.44 ^a	39.52 - 49.47	33.43	28.81 - 38.40	0.001
Wilmington City	44.34 ^a	38.92 - 49.90	30.33	24.97 - 36.29	0.000
District of Columbia	33.12 ^a	30.31 - 36.05	25.11	22.64 - 27.75	0.000
Ward 1	32.83 ^a	27.91 - 38.17	21.18	17.04 - 26.01	0.000
Ward 2	25.85 ^a	21.53 - 30.71	16.91	13.56 - 20.89	0.000
Ward 3	19.81	15.98 - 24.31	18.76	15.07 - 23.11	0.670
Ward 4	38.92 ^a	33.30 - 44.85	28.16	23.33 - 33.56	0.001
Ward 5	37.81 ^a	32.24 - 43.72	30.20	25.45 - 35.42	0.029
Ward 6	31.13 ^a	26.01 - 36.77	23.66	19.29 - 28.68	0.010
Ward 7	42.52 ^a	36.99 - 48.25	32.09	26.79 - 37.90	0.003
Ward 8	40.87 ^a	35.70 - 46.24	32.42	27.61 - 37.62	0.006
Florida¹	42.74 ^a	41.32 - 44.16	37.16	35.75 - 38.59	0.000
Region A - Northwest	--	-- --	31.96	29.11 - 34.96	--
Circuit 1	41.58 ^a	36.92 - 46.39	34.15	30.10 - 38.45	0.006
Circuit 2	--	-- --	26.29	22.07 - 31.00	--
Circuit 14	--	-- --	34.38	28.94 - 40.26	--
Region B - Northeast	--	-- --	35.16	32.31 - 38.13	--
Circuits 3 and 8	--	-- --	33.54	29.19 - 38.19	--
Circuit 4	--	-- --	35.85	31.57 - 40.36	--
Circuit 7	--	-- --	35.36	30.89 - 40.11	--
Region C - Central	--	-- --	34.97	32.81 - 37.19	--
Circuit 5	45.16 ^a	40.13 - 50.30	33.30	28.49 - 38.48	0.000
Circuit 9	--	-- --	35.76	32.18 - 39.51	--
Circuit 10	45.36 ^a	40.60 - 50.21	38.02	33.62 - 42.63	0.009
Circuit 18	--	-- --	34.04	29.48 - 38.92	--
Circuit 19	43.40 ^a	38.23 - 48.73	33.96	29.08 - 39.22	0.004
Region D - Southeast	--	-- --	37.57	34.76 - 40.46	--
Circuit 15 (Palm Beach)	40.98 ^a	36.74 - 45.36	35.46	31.37 - 39.76	0.042
Circuit 17 (Broward)	41.38	37.59 - 45.26	39.19	35.43 - 43.08	0.373
Region E - Sun Coast	--	-- --	33.04	30.68 - 35.50	--
Circuit 6	--	-- --	30.90	26.68 - 35.46	--
Circuit 12	--	-- --	31.74	26.92 - 36.98	--
Circuit 13 (Hillsborough)	--	-- --	37.73	33.82 - 41.80	--
Circuit 20	43.55 ^a	39.12 - 48.08	31.61	27.25 - 36.32	0.000
Region F - Southern (Circuits 11 and 16)	53.63	50.50 - 56.73	52.72	49.55 - 55.88	0.668
Georgia	44.43 ^a	41.83 - 47.06	35.92	33.33 - 38.59	0.000
Region 1	--	-- --	35.60	31.35 - 40.08	--
Region 2	--	-- --	35.70	30.97 - 40.74	--
Region 3	--	-- --	35.65	31.79 - 39.71	--
Region 4	--	-- --	38.07	32.42 - 44.05	--
Region 5	--	-- --	36.32	30.47 - 42.60	--
Region 6	--	-- --	36.00	31.11 - 41.21	--

See notes at end of table.

(continued)

Table 4 Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Hawaii	36.27 ^a	33.41 - 39.22	29.58	26.89 - 32.42	0.000
Hawaii Island	35.41 ^a	30.08 - 41.12	23.16	18.74 - 28.25	0.000
Honolulu	37.26 ^a	33.97 - 40.67	31.44	28.42 - 34.61	0.007
Kauai and Maui	32.40 ^b	27.60 - 37.60	26.98	22.46 - 32.04	0.061
Kauai	--	-- --	29.21	23.14 - 36.13	--
Maui	--	-- --	26.01	21.03 - 31.71	--
Idaho	39.75 ^a	37.20 - 42.35	30.27	27.66 - 33.00	0.000
Region 1	35.11 ^a	30.12 - 40.46	28.52	23.84 - 33.70	0.030
Region 2	38.12 ^a	32.75 - 43.80	24.12	19.44 - 29.51	0.000
Region 3	44.02 ^a	39.49 - 48.65	35.70	30.81 - 40.90	0.005
Region 4	34.93 ^a	30.90 - 39.19	25.70	21.82 - 29.99	0.000
Region 5	43.54 ^a	38.61 - 48.59	34.31	29.59 - 39.36	0.004
Region 6	43.52 ^a	38.23 - 48.96	31.51	26.68 - 36.78	0.000
Region 7	44.52 ^a	39.51 - 49.65	34.39	29.67 - 39.44	0.001
Illinois	38.69 ^a	37.27 - 40.12	31.90	30.57 - 33.27	0.000
Region I (Cook)	38.17 ^a	36.06 - 40.32	32.28	30.21 - 34.41	0.000
Region II	35.62 ^a	33.24 - 38.08	30.61	28.44 - 32.87	0.002
Region III	39.68 ^a	36.54 - 42.91	30.89	27.93 - 34.01	0.000
Region IV	43.51 ^a	39.46 - 47.65	35.99	32.12 - 40.06	0.005
Region V	45.46 ^a	41.80 - 49.18	32.76	29.28 - 36.44	0.000
Indiana	40.24 ^a	37.67 - 42.86	31.33	28.77 - 34.00	0.000
Central	36.86 ^b	32.49 - 41.45	31.56	27.22 - 36.24	0.057
East	41.06 ^a	35.64 - 46.70	32.25	27.09 - 37.89	0.005
North Central	40.92 ^a	36.07 - 45.95	32.06	27.49 - 37.01	0.003
Northeast	42.40 ^a	37.21 - 47.75	30.05	25.13 - 35.48	0.000
Northwest	41.37 ^a	36.32 - 46.60	31.45	26.78 - 36.53	0.001
Southeast	46.01 ^a	40.53 - 51.60	32.95	27.85 - 38.49	0.000
Southwest	38.82	33.36 - 44.57	33.77	28.38 - 39.62	0.130
West	38.46 ^a	33.72 - 43.45	26.87	22.33 - 31.95	0.000
Iowa	42.49 ^a	39.78 - 45.26	31.42	28.78 - 34.18	0.000
Central	40.28 ^a	35.19 - 45.60	28.73	24.49 - 33.38	0.000
North Central	39.90 ^a	34.76 - 45.29	30.12	25.06 - 35.71	0.003
Northeast	41.44 ^a	37.19 - 45.83	31.56	27.51 - 35.91	0.000
Northwest	46.57 ^a	41.31 - 51.90	37.27	32.13 - 42.71	0.005
Southeast	41.55 ^a	36.94 - 46.30	28.87	24.74 - 33.39	0.000
Southwest	47.21 ^a	41.67 - 52.82	33.70	28.21 - 39.66	0.000
Kansas	43.77 ^a	41.06 - 46.51	30.94	28.36 - 33.65	0.000
Kansas City Metro	39.80 ^a	35.85 - 43.88	30.61	26.92 - 34.57	0.000
Northeast	44.18 ^a	39.23 - 49.24	29.93	25.41 - 34.88	0.000
South Central	47.85 ^a	42.69 - 53.05	29.27	24.43 - 34.64	0.000
Southeast	48.59 ^a	42.76 - 54.45	31.37	25.95 - 37.36	0.000
West	51.21 ^a	45.66 - 56.73	33.93	28.67 - 39.61	0.000
Wichita (Sedgwick)	39.98 ^a	35.31 - 44.84	31.88	27.40 - 36.72	0.007

See notes at end of table.

(continued)

Table 4 Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Kentucky	41.24 ^a	38.56 - 43.96	36.87	34.23 - 39.58	0.016
Adanta, Cumberland River, and Lifeskills	46.90 ^b	42.00 - 51.86	41.63	36.79 - 46.64	0.100
Bluegrass, Comprehend, and North Key	37.44 ^a	33.32 - 41.74	32.06	27.97 - 36.44	0.048
Communicare and River Valley	41.45	36.16 - 46.95	37.98	32.53 - 43.75	0.302
Four Rivers and Pennyroyal	45.66	39.96 - 51.47	41.44	35.87 - 47.23	0.224
Kentucky River, Mountain, and Pathways	47.87 ^b	42.45 - 53.33	42.28	36.48 - 48.30	0.094
Seven Counties	35.82	31.39 - 40.51	34.30	29.78 - 39.11	0.593
Louisiana	45.02 ^a	42.45 - 47.61	40.19	37.71 - 42.72	0.005
Regions 1 and 10	--	-- --	36.66	32.47 - 41.07	--
Region 1	45.14 ^a	39.57 - 50.84	35.84	30.82 - 41.19	0.003
Region 10 (Jefferson)	41.61	36.47 - 46.95	37.48	31.84 - 43.49	0.220
Regions 2 and 9	41.90	37.72 - 46.20	39.62	35.53 - 43.85	0.393
Region 3	46.57	41.16 - 52.05	43.88	38.30 - 49.62	0.398
Regions 4, 5, and 6	--	-- --	39.61	35.55 - 43.83	--
Regions 7 and 8	48.58 ^b	44.16 - 53.03	43.45	39.12 - 47.89	0.069
Maine¹	31.96 ^a	29.34 - 34.69	21.14	18.86 - 23.62	0.000
Aroostook/Downeast	--	-- --	23.61	19.79 - 27.92	--
Aroostook	--	-- --	25.79	20.56 - 31.81	--
Downeast	--	-- --	21.83	17.30 - 27.16	--
Central	--	-- --	20.70	16.73 - 25.32	--
Cumberland	27.42 ^a	23.29 - 31.98	19.84	16.34 - 23.88	0.003
Midcoast	33.07 ^a	27.97 - 38.60	21.29	16.95 - 26.39	0.000
Penquis	--	-- --	21.67	17.88 - 26.00	--
Western	--	-- --	22.56	18.61 - 27.07	--
York	30.09 ^a	25.39 - 35.25	19.42	15.45 - 24.12	0.000
Maryland	38.19 ^a	35.29 - 41.18	33.10	30.47 - 35.83	0.006
Anne Arundel	35.54	30.17 - 41.29	32.02	26.55 - 38.04	0.266
Baltimore City	43.61	38.28 - 49.08	39.14	34.02 - 44.52	0.170
Baltimore County	--	-- --	32.17	27.53 - 37.19	--
Montgomery	34.04	29.38 - 39.02	31.73	27.14 - 36.71	0.435
North Central	--	-- --	27.15	22.29 - 32.63	--
Northeast	--	-- --	30.29	24.99 - 36.17	--
Prince George's	40.98	36.17 - 45.97	37.26	32.12 - 42.72	0.230
South	--	-- --	33.56	28.26 - 39.31	--
West	--	-- --	31.47	26.45 - 36.97	--

See notes at end of table.

(continued)

Table 4 Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Massachusetts	28.46 ^a	25.97 - 31.10	23.46	21.09 - 26.00	0.003
Boston	29.62 ^a	25.01 - 34.69	22.93	18.75 - 27.73	0.016
Central	29.15	24.67 - 34.08	26.11	21.58 - 31.21	0.296
Metrowest	22.91	19.38 - 26.88	20.02	16.55 - 24.02	0.224
Northeast	29.42	25.19 - 34.04	26.55	22.44 - 31.11	0.309
Southeast	30.10 ^a	25.95 - 34.59	23.52	19.48 - 28.11	0.018
Western	32.85 ^a	27.81 - 38.32	22.65	18.82 - 27.00	0.000
Michigan¹	36.39 ^a	35.10 - 37.70	26.99	25.71 - 28.30	0.000
Detroit City	42.85 ^a	39.13 - 46.66	32.60	28.54 - 36.94	0.000
Genesee	37.34 ^a	33.02 - 41.88	26.01	22.36 - 30.03	0.000
Kalamazoo	--	-- --	28.01	24.48 - 31.85	--
Kent	38.00 ^a	33.87 - 42.32	26.51	23.08 - 30.26	0.000
Lakeshore	--	-- --	30.58	27.04 - 34.37	--
Macomb	34.69 ^a	30.92 - 38.67	28.20	24.91 - 31.75	0.008
Mid South	--	-- --	23.32	20.37 - 26.56	--
Northern	38.11 ^a	34.26 - 42.12	23.80	20.47 - 27.49	0.000
Oakland	29.74 ^b	26.52 - 33.17	26.07	23.07 - 29.31	0.092
Pathways and Western	--	-- --	21.98	18.22 - 26.28	--
Riverhaven	38.18 ^a	33.12 - 43.52	27.97	23.82 - 32.53	0.001
Saginaw	40.86 ^a	35.70 - 46.22	27.66	23.14 - 32.68	0.000
Southeast	36.77 ^a	33.53 - 40.14	29.85	26.80 - 33.09	0.001
St. Clair	41.63 ^a	36.56 - 46.87	29.79	25.20 - 34.83	0.000
Washtenaw	29.59 ^a	25.92 - 33.54	20.83	17.73 - 24.31	0.000
Minnesota	30.95 ^b	28.56 - 33.46	28.19	25.70 - 30.81	0.093
Regions 1 and 2	32.85	27.87 - 38.26	29.85	24.60 - 35.70	0.342
Regions 3 and 4	33.86	29.41 - 38.61	30.49	26.04 - 35.33	0.227
Regions 5 and 6	36.29 ^a	31.76 - 41.07	30.40	25.97 - 35.22	0.044
Region 7A (Hennepin)	26.84	23.12 - 30.92	25.30	21.50 - 29.52	0.514
Region 7B (Ramsey)	27.35	22.77 - 32.46	25.40	20.58 - 30.92	0.489
Region 7C	28.98	24.98 - 33.34	27.84	23.99 - 32.05	0.661
Mississippi	49.84 ^a	47.00 - 52.69	41.14	38.51 - 43.82	0.000
Region 1	50.69 ^a	45.95 - 55.42	40.31	35.81 - 44.97	0.001
Region 2	55.00 ^a	49.93 - 59.96	47.79	42.45 - 53.18	0.024
Region 3	50.53 ^a	45.34 - 55.71	38.63	33.62 - 43.89	0.000
Region 4	47.10 ^a	42.06 - 52.19	39.97	35.58 - 44.52	0.023
Region 5	52.12 ^a	46.23 - 57.96	42.67	36.03 - 49.58	0.012
Region 6	50.22 ^a	45.01 - 55.43	42.69	37.38 - 48.18	0.016
Region 7	45.27 ^b	39.76 - 50.89	39.02	33.97 - 44.32	0.067

See notes at end of table.

(continued)

Table 4 Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Missouri	38.36 ^a	35.81 - 40.98	32.29	29.79 - 34.88	0.000
Central	37.85	33.09 - 42.87	33.86	29.14 - 38.93	0.173
Eastern	34.69 ^a	31.23 - 38.32	28.88	25.60 - 32.40	0.008
Eastern (St. Louis City and County)	33.67 ^a	29.56 - 38.04	27.83	23.86 - 32.19	0.028
Eastern (excluding St. Louis)	36.78 ^a	31.73 - 42.14	30.70	25.91 - 35.94	0.046
Northwest	38.81 ^a	34.98 - 42.77	32.77	28.87 - 36.92	0.015
Northwest (Jackson)	35.77	30.93 - 40.91	33.13	28.33 - 38.32	0.383
Northwest (excluding Jackson)	41.55 ^a	36.36 - 46.94	32.46	27.40 - 37.97	0.006
Southeast	44.14	38.70 - 49.73	38.93	33.77 - 44.36	0.112
Southwest	42.02 ^a	37.14 - 47.07	32.67	28.11 - 37.60	0.002
Montana	35.56 ^a	32.91 - 38.30	24.27	22.11 - 26.56	0.000
Region 1	44.69 ^a	38.84 - 50.68	26.71	22.10 - 31.90	0.000
Region 2	37.78 ^a	32.96 - 42.86	28.69	23.95 - 33.94	0.003
Region 3	36.30 ^a	31.70 - 41.16	27.71	23.96 - 31.81	0.002
Region 4	33.66 ^a	29.69 - 37.88	21.11	17.80 - 24.85	0.000
Region 5	32.95 ^a	28.75 - 37.44	22.03	18.81 - 25.62	0.000
Nebraska	40.49 ^a	37.81 - 43.24	30.15	27.65 - 32.78	0.000
Regions 1 and 2	46.41 ^a	40.64 - 52.28	32.72	28.07 - 37.75	0.000
Region 1	--	-- --	34.19	28.03 - 40.92	--
Region 2	--	-- --	31.44	25.73 - 37.77	--
Region 3	44.08	38.78 - 49.52	40.27	34.95 - 45.82	0.253
Region 4	45.75 ^a	40.51 - 51.07	33.52	28.25 - 39.24	0.000
Region 5	38.59 ^a	34.22 - 43.15	27.52	23.59 - 31.84	0.000
Region 6	37.08 ^a	33.38 - 40.94	27.16	23.73 - 30.88	0.000
Nevada¹	34.70 ^a	31.91 - 37.60	28.42	25.63 - 31.39	0.001
Clark – Region 1	34.39 ^a	31.13 - 37.80	29.02	25.78 - 32.48	0.017
Region 3	38.19 ^a	33.06 - 43.60	29.76	24.93 - 35.09	0.006
Capital District	--	-- --	30.34	24.48 - 36.91	--
Rural/Frontier	--	-- --	29.24	23.26 - 36.04	--
Washoe – Region 2	33.05 ^a	28.66 - 37.75	24.67	20.42 - 29.48	0.003
New Hampshire	28.06 ^a	25.46 - 30.81	22.50	20.22 - 24.97	0.001
Central	29.30 ^a	25.58 - 33.33	21.72	18.53 - 25.28	0.001
Central 1	27.47 ^a	22.96 - 32.50	21.91	17.90 - 26.52	0.046
Central 2	31.07 ^a	26.12 - 36.49	21.54	17.33 - 26.44	0.002
Northern	26.93	22.45 - 31.93	23.07	18.67 - 28.15	0.189
Southern	27.71 ^a	24.68 - 30.96	22.76	20.14 - 25.60	0.012
Southern 1 (Rockingham)	26.04	21.89 - 30.67	22.58	18.88 - 26.75	0.194
Southern 2	28.72 ^a	25.11 - 32.63	22.87	19.72 - 26.35	0.011
New Jersey	40.84 ^a	37.97 - 43.77	33.69	31.06 - 36.44	0.000
Central	35.88 ^b	31.41 - 40.61	30.72	26.46 - 35.33	0.073
Metropolitan	42.91 ^a	38.08 - 47.87	36.02	31.78 - 40.49	0.018
Northern	42.86 ^a	38.34 - 47.49	36.43	32.12 - 40.96	0.028
Southern	40.71 ^a	35.70 - 45.93	30.15	25.90 - 34.77	0.000

See notes at end of table.

(continued)

Table 4 Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
New Mexico	39.28 ^a	36.40 - 42.23	31.61	28.99 - 34.36	0.000
Region 1	39.12 ^a	34.40 - 44.05	31.24	27.05 - 35.76	0.005
Region 2	38.90 ^a	33.79 - 44.28	32.77	27.65 - 38.33	0.049
Region 3 (Bernalillo)	34.49 ^a	30.38 - 38.84	27.34	23.38 - 31.69	0.010
Region 4	45.22 ^a	39.77 - 50.78	34.90	30.15 - 39.98	0.001
Region 5	43.24 ^a	38.33 - 48.28	36.08	31.70 - 40.72	0.016
New York	36.68 ^a	35.16 - 38.23	31.53	30.10 - 32.99	0.000
Region A	39.23 ^a	37.06 - 41.45	34.58	32.48 - 36.74	0.002
Region 1	45.12	40.47 - 49.85	41.84	37.64 - 46.17	0.232
Region 2	38.09 ^b	34.76 - 41.54	34.13	30.89 - 37.54	0.082
Region 3	31.50 ^a	27.54 - 35.75	26.09	22.52 - 30.01	0.026
Region 4	42.81 ^a	38.85 - 46.87	37.16	33.10 - 41.42	0.030
Region B	--	-- --	30.41	28.20 - 32.72	--
Region 5	33.48 ^b	30.29 - 36.83	29.55	26.63 - 32.64	0.064
Region 6	32.53	28.59 - 36.73	32.47	28.23 - 37.02	0.983
Region 7	36.28 ^a	31.47 - 41.38	30.05	25.99 - 34.44	0.024
Region C	--	-- --	28.07	25.99 - 30.24	--
Region 8	30.26 ^b	25.91 - 35.01	25.88	22.32 - 29.78	0.088
Region 9	37.86 ^a	33.44 - 42.49	26.91	23.18 - 31.00	0.000
Region 10	33.77 ^a	29.05 - 38.84	25.76	21.47 - 30.57	0.005
Region 11	34.75 ^a	30.72 - 39.00	29.51	25.70 - 33.62	0.041
Region 12	35.78 ^b	31.73 - 40.03	30.54	26.48 - 34.93	0.061
Region D	38.72 ^a	35.57 - 41.98	29.42	26.47 - 32.56	0.000
Region 13	40.72 ^a	35.48 - 46.18	28.55	24.00 - 33.58	0.000
Region 14	37.22 ^a	32.15 - 42.59	29.17	24.50 - 34.33	0.008
Region 15	38.41 ^a	33.73 - 43.32	30.45	26.22 - 35.03	0.006
North Carolina	43.07 ^a	40.31 - 45.88	33.35	30.73 - 36.08	0.000
Alliance	--	-- --	29.98	26.11 - 34.16	--
Cardinal Innovations	--	-- --	32.44	27.51 - 37.80	--
CenterPoint/Guilford	--	-- --	33.69	29.07 - 38.64	--
CenterPoint	--	-- --	36.16	30.03 - 42.76	--
Guilford	--	-- --	31.00	25.32 - 37.32	--
CoastalCare	--	-- --	30.90	25.34 - 37.08	--
Eastpointe	--	-- --	37.79	32.18 - 43.75	--
ECBH	--	-- --	35.98	29.93 - 42.52	--
MeckLINK	--	-- --	32.46	27.03 - 38.42	--
Partners	--	-- --	33.39	28.57 - 38.59	--
Sandhills	--	-- --	37.60	31.69 - 43.90	--
Smoky Mountain	--	-- --	36.38	29.89 - 43.41	--
Western Highlands	--	-- --	32.55	26.95 - 38.70	--

See notes at end of table.

(continued)

Table 4 Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
North Dakota	39.18 ^a	36.47 - 41.95	34.13	31.64 - 36.71	0.004
Badlands and West Central Lake Region and South Central	40.21	35.66 - 44.93	35.93	31.59 - 40.52	0.141
North Central and Northwest	45.81 ^a	40.78 - 50.93	37.49	32.42 - 42.85	0.010
Northeast	40.44	35.74 - 45.33	35.65	30.97 - 40.63	0.121
Southeast	35.31	30.62 - 40.29	30.87	26.24 - 35.91	0.126
	35.35	31.29 - 39.62	31.18	27.56 - 35.04	0.104
Ohio	39.14 ^a	37.72 - 40.58	29.99	28.70 - 31.30	0.000
Boards 2, 46, 55, and 68	40.94 ^a	36.68 - 45.34	32.64	28.49 - 37.07	0.003
Boards 3, 52, and 85	41.14 ^a	36.65 - 45.78	32.28	27.82 - 37.10	0.002
Boards 4 and 78	43.15 ^a	37.92 - 48.55	29.41	24.57 - 34.77	0.000
Boards 5 and 60	40.74 ^a	36.18 - 45.46	30.41	25.92 - 35.30	0.000
Boards 7, 15, 41, 79, and 84	45.96 ^a	41.21 - 50.78	36.03	31.63 - 40.67	0.001
Boards 8, 13, and 83	35.82 ^a	31.40 - 40.50	30.12	26.01 - 34.57	0.038
Board 9 (Butler)	37.73 ^a	33.04 - 42.66	30.24	25.85 - 35.02	0.010
Board 12	39.72 ^a	34.92 - 44.73	26.69	22.45 - 31.42	0.000
Boards 18 and 47	35.98 ^a	32.73 - 39.36	28.82	25.98 - 31.83	0.001
Boards 20, 32, 54, and 69	43.75 ^a	38.76 - 48.86	37.05	32.37 - 41.97	0.029
Boards 21, 39, 51, 70, and 80	37.93 ^a	33.31 - 42.79	28.91	25.12 - 33.03	0.001
Boards 22, 74, and 87	41.60 ^a	36.68 - 46.69	28.78	24.67 - 33.27	0.000
Boards 23 and 45	38.58 ^a	33.85 - 43.54	31.61	27.50 - 36.03	0.010
Board 25 (Franklin)	37.23 ^a	33.80 - 40.79	26.82	23.79 - 30.08	0.000
Boards 27, 71, and 73	46.12 ^a	41.44 - 50.87	34.61	30.21 - 39.30	0.000
Boards 28, 43, and 67	39.29 ^a	34.83 - 43.94	28.16	24.25 - 32.44	0.000
Board 31 (Hamilton)	37.47 ^a	33.43 - 41.69	26.25	22.70 - 30.14	0.000
Board 48 (Lucas)	37.88 ^a	33.57 - 42.40	29.98	25.64 - 34.72	0.003
Boards 50 and 76	41.05 ^a	36.62 - 45.63	30.22	26.49 - 34.24	0.000
Board 57 (Montgomery)	36.30	31.87 - 40.97	33.19	28.87 - 37.80	0.278
Board 77 (Summit)	38.00 ^a	33.57 - 42.64	28.55	24.67 - 32.77	0.001
Oklahoma	43.60 ^a	40.78 - 46.47	34.00	31.43 - 36.68	0.000
Central	41.73 ^a	36.28 - 47.38	29.09	24.26 - 34.43	0.000
East Central	44.65 ^a	39.00 - 50.45	33.97	28.73 - 39.64	0.002
Northeast	41.50 ^a	36.46 - 46.72	33.94	29.36 - 38.84	0.016
Northwest and Southwest	48.79 ^a	43.36 - 54.25	34.08	29.10 - 39.43	0.000
Oklahoma County	42.59 ^a	37.76 - 47.58	35.14	30.59 - 39.98	0.015
Southeast	46.31 ^a	40.89 - 51.82	37.95	32.96 - 43.20	0.009
Tulsa County	39.78 ^a	34.95 - 44.82	33.09	28.52 - 38.00	0.026
Oregon	31.11 ^a	28.48 - 33.87	20.57	18.36 - 22.96	0.000
Region 1 (Multnomah)	26.75 ^a	22.81 - 31.09	16.94	13.73 - 20.72	0.000
Region 2	28.63 ^a	24.74 - 32.87	18.26	14.91 - 22.15	0.000
Region 3	31.88 ^a	28.00 - 36.02	22.36	19.19 - 25.89	0.000
Region 4	35.18 ^a	30.13 - 40.59	21.43	17.32 - 26.21	0.000
Region 5 (Central)	--	-- --	23.61	18.83 - 29.18	--
Region 6 (Eastern)	--	-- --	26.98	21.33 - 33.49	--

See notes at end of table.

(continued)

Table 4 Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Pennsylvania¹	40.62 ^a	39.19 - 42.06	31.90	30.54 - 33.28	0.000
Region 1 (Allegheny)	39.27 ^a	35.62 - 43.05	29.38	25.94 - 33.08	0.000
Regions 3, 8, 9, and 51	--	-- --	36.88	32.36 - 41.65	--
Regions 4, 11, 37, and 49	39.48	35.34 - 43.78	37.59	33.39 - 41.97	0.492
Regions 5, 18, 23, 24, and 46	43.85 ^a	39.46 - 48.34	36.88	32.43 - 41.56	0.018
Regions 6, 12, 16, 31, 35, 45, and 47	--	-- --	31.42	27.57 - 35.54	--
Regions 7, 13, 20, and 33	35.90 ^a	32.94 - 38.97	26.62	23.94 - 29.50	0.000
Regions 10, 15, 27, 32, 43, and 44	--	-- --	32.80	28.70 - 37.18	--
Regions 17 and 21	38.98 ^a	33.84 - 44.38	30.40	25.72 - 35.52	0.004
Regions 19, 26, 28, and 42	41.85 ^a	38.30 - 45.49	33.43	30.21 - 36.82	0.000
Regions 22, 38, 40, 41, and 48	42.67 ^a	38.44 - 47.00	35.57	31.66 - 39.68	0.009
Regions 29 and 34	42.09 ^a	37.40 - 46.93	29.42	25.21 - 34.01	0.000
Regions 30 and 50	--	-- --	35.22	30.75 - 39.97	--
Region 36 (Philadelphia)	40.16 ^a	36.72 - 43.69	30.86	27.68 - 34.24	0.000
Rhode Island	33.79 ^a	30.92 - 36.79	24.66	22.13 - 27.38	0.000
Bristol and Newport	27.53 ^a	22.70 - 32.96	21.69	17.17 - 27.02	0.050
Kent	33.87 ^a	28.76 - 39.39	23.40	19.08 - 28.37	0.001
Providence	36.15 ^a	32.52 - 39.94	26.65	23.53 - 30.02	0.000
Washington	28.92 ^a	24.10 - 34.27	19.84	15.78 - 24.64	0.003
South Carolina	44.53 ^a	41.77 - 47.33	35.48	32.90 - 38.14	0.000
Region 1	45.71 ^a	40.96 - 50.54	34.99	30.91 - 39.30	0.000
Region 2	42.87 ^a	39.08 - 46.75	34.71	30.82 - 38.82	0.002
Region 3	46.30 ^a	41.22 - 51.46	35.04	30.15 - 40.26	0.000
Region 4	44.00 ^a	39.30 - 48.82	37.11	32.78 - 41.66	0.018
South Dakota	38.19 ^a	35.60 - 40.85	31.58	29.16 - 34.10	0.000
Region 1	--	-- --	28.79	24.70 - 33.25	--
Region 2	--	-- --	34.45	28.94 - 40.41	--
Region 3	--	-- --	33.16	29.12 - 37.48	--
Region 4	--	-- --	31.98	27.21 - 37.16	--
Region 5	--	-- --	31.53	27.80 - 35.52	--
Tennessee	41.12 ^a	38.55 - 43.74	36.30	33.58 - 39.11	0.007
Region 1	44.35 ^b	38.44 - 50.42	38.18	32.50 - 44.20	0.080
Region 2	39.50	34.73 - 44.47	34.95	30.25 - 39.96	0.146
Region 3	--	-- --	37.85	32.85 - 43.13	--
Region 4 (Davidson)	34.95	30.03 - 40.21	33.83	28.91 - 39.11	0.703
Region 5	--	-- --	35.45	31.03 - 40.13	--
Region 6	47.30 ^b	41.75 - 52.91	40.63	34.84 - 46.69	0.052
Region 7 (Shelby)	40.64 ^b	35.82 - 45.65	35.51	30.42 - 40.94	0.095

See notes at end of table.

(continued)

Table 4 Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Texas	45.07 ^a	43.77 - 46.37	37.65	36.29 - 39.04	0.000
Region 1	45.94 ^a	41.21 - 50.75	36.61	32.10 - 41.36	0.001
Region 2	48.17 ^a	42.80 - 53.60	40.29	34.94 - 45.88	0.011
Region 3	41.90 ^a	39.77 - 44.07	33.25	31.08 - 35.50	0.000
Region 3a	41.59 ^a	38.97 - 44.25	33.81	31.06 - 36.67	0.000
Region 3bc	42.45 ^a	38.97 - 46.00	32.29	29.03 - 35.74	0.000
Region 4	46.81 ^a	42.18 - 51.50	37.99	33.20 - 43.01	0.004
Region 5	45.30 ^a	40.34 - 50.35	36.84	32.00 - 41.96	0.006
Region 6	45.06 ^a	42.64 - 47.49	39.55	36.88 - 42.29	0.001
Region 6a	45.24 ^a	42.60 - 47.90	39.90	37.02 - 42.85	0.004
Region 6bc	43.56 ^a	38.87 - 48.37	36.59	31.45 - 42.06	0.018
Region 7	36.62 ^a	33.87 - 39.45	31.22	28.54 - 34.03	0.002
Region 7a	33.60	30.02 - 37.37	30.65	27.20 - 34.32	0.187
Region 7bcd	41.11 ^a	37.17 - 45.18	32.18	28.35 - 36.26	0.000
Region 8	47.14 ^a	43.66 - 50.65	40.82	37.27 - 44.46	0.007
Region 9	48.95 ^a	44.04 - 53.88	36.72	31.69 - 42.05	0.000
Region 10	53.71 ^a	48.75 - 58.60	46.08	41.74 - 50.47	0.005
Region 11	57.42 ^a	54.11 - 60.66	48.69	45.31 - 52.07	0.000
Region 11abd	57.39 ^a	53.18 - 61.49	48.38	44.12 - 52.67	0.000
Region 11c (Hidalgo)	57.48 ^a	52.77 - 62.05	49.22	44.49 - 53.97	0.002
Utah	43.47 ^a	40.95 - 46.03	38.41	35.94 - 40.95	0.003
Bear River, Northeastern, Summit, Tooele, and Wasatch	44.36 ^b	39.61 - 49.21	38.79	33.93 - 43.88	0.051
Central, Four Corners, San Juan, and Southwest	44.41	39.09 - 49.87	40.62	35.16 - 46.32	0.239
Davis County	43.05 ^b	38.23 - 48.02	37.46	32.54 - 42.66	0.061
Salt Lake County	41.83 ^a	38.26 - 45.48	36.62	33.06 - 40.33	0.032
Utah County	44.95 ^b	40.83 - 49.14	40.32	35.87 - 44.95	0.088
Weber, Morgan	46.14 ^a	40.80 - 51.57	39.86	34.74 - 45.20	0.042
Vermont	27.19 ^a	24.67 - 29.86	23.14	20.88 - 25.56	0.015
Champlain Valley	24.45	21.13 - 28.10	21.82	18.81 - 25.16	0.230
Rural Northeast	29.18 ^a	25.28 - 33.41	23.35	19.55 - 27.64	0.027
Rural Southeast	28.65 ^a	24.32 - 33.42	21.51	17.91 - 25.60	0.007
Rural Southwest	28.84	24.16 - 34.01	28.32	23.68 - 33.47	0.868
Virginia	41.23 ^a	38.58 - 43.94	29.45	26.92 - 32.11	0.000
Region 1	--	-- --	30.18	26.07 - 34.63	--
Region 2	36.66 ^a	32.42 - 41.13	31.07	26.96 - 35.50	0.041
Region 3	43.53 ^a	38.63 - 48.57	32.05	27.32 - 37.18	0.000
Region 4	--	-- --	30.84	26.27 - 35.82	--
Region 5	42.03 ^a	37.64 - 46.54	23.89	20.05 - 28.21	0.000

See notes at end of table.

(continued)

Table 4 Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Washington¹	26.12 ^b	23.71 - 28.69	23.33	21.15 - 25.66	0.068
Region 1	--	-- --	26.27	22.77 - 30.09	--
East 1 (previously Region 1)	30.21 ^a	25.61 - 35.24	24.05	20.02 - 28.60	0.018
East 2 (previously Region 2)	32.61	27.53 - 38.14	29.27	24.25 - 34.86	0.260
Region 2	--	-- --	22.03	19.35 - 24.97	--
North 1 (previously Region 3)	26.17	22.09 - 30.72	22.85	19.13 - 27.05	0.207
North 2 (previously Region 4)	21.29	18.05 - 24.94	21.56	18.22 - 25.33	0.902
Region 3	--	-- --	23.20	20.21 - 26.49	--
West 1 (previously Region 5)	27.02 ^b	22.88 - 31.60	22.45	18.74 - 26.65	0.071
West 2 (previously Region 6)	27.23	22.98 - 31.94	23.89	19.89 - 28.42	0.204
West Virginia¹	45.98 ^a	43.20 - 48.78	37.09	34.36 - 39.91	0.000
Region I	44.89 ^a	39.07 - 50.87	35.37	29.35 - 41.90	0.008
Region II	--	-- --	33.49	28.52 - 38.85	--
Region III	46.70 ^b	40.86 - 52.62	40.72	35.15 - 46.53	0.094
Region IV	--	-- --	34.18	29.78 - 38.88	--
Region V	--	-- --	37.58	33.74 - 41.59	--
Region VI	--	-- --	41.47	36.07 - 47.09	--
Wisconsin	33.39 ^a	30.97 - 35.91	27.64	25.13 - 30.29	0.001
Milwaukee	34.85 ^a	30.31 - 39.70	26.60	22.27 - 31.43	0.003
Northeastern	33.48 ^b	29.37 - 37.85	28.56	24.72 - 32.73	0.066
Northern	38.02 ^a	32.54 - 43.82	30.13	24.84 - 36.00	0.017
Southeastern	30.81	26.39 - 35.61	26.88	22.59 - 31.65	0.177
Southern	--	-- --	25.49	21.27 - 30.23	--
Western	--	-- --	30.01	25.23 - 35.27	--

See notes at end of table.

(continued)

Table 4 Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Wyoming	37.35 ^a	34.83 - 39.94	31.23	28.81 - 33.75	0.000
Judicial District 1 (Laramie)	35.93	31.50 - 40.62	32.80	28.31 - 37.63	0.272
Judicial District 2	31.42 ^a	27.11 - 36.07	24.26	20.13 - 28.94	0.004
Judicial District 3	38.12	33.49 - 42.97	37.85	33.01 - 42.94	0.929
Judicial District 4	38.40 ^a	32.87 - 44.26	31.02	25.95 - 36.59	0.024
Judicial District 5	43.31 ^a	37.72 - 49.08	31.76	26.47 - 37.56	0.000
Judicial District 6	40.13 ^a	34.90 - 45.60	32.45	27.49 - 37.84	0.016
Judicial District 7 (Natrona)	36.25 ^a	31.35 - 41.46	26.73	22.30 - 31.67	0.001
Judicial District 8	41.73 ^a	36.14 - 47.54	34.52	29.08 - 40.39	0.042
Judicial District 9	34.25 ^b	29.11 - 39.78	28.75	23.93 - 34.11	0.077

ECBH = East Carolina Behavioral Health; SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2002-2004 and 2010-2012); hence, the 2002-2004 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2010-2012 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=34>.

NOTE: Substate, State, and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques, with their *p* values being the Bayes posterior probability of no change between the 2002-2004 and 2010-2012 estimates. The "Total U.S." estimates, along with the 95 percent confidence intervals and *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.10 level.

¹ Names of some of the substate regions for this State have changed across the two time periods (2002-2004 vs. 2010-2012). For details, see the methodology write-up for comparing estimates located below the tables.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2004, 2010, 2011, and 2012 (2010 Data - Revised March 2012).

Table 5 *Illicit Drug Use Other Than Marijuana in the Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	<i>P</i>Value
Total United States	3.64 ^a	3.51 - 3.78	3.35	3.22 - 3.48	0.002
Northeast	3.34	3.13 - 3.57	3.32	3.07 - 3.59	0.904
Midwest	3.41 ^b	3.22 - 3.60	3.18	2.98 - 3.39	0.078
South	3.75 ^a	3.57 - 3.94	3.19	3.01 - 3.39	0.000
West	3.96	3.69 - 4.24	3.76	3.47 - 4.07	0.287
Alabama	3.82	3.19 - 4.56	3.54	2.88 - 4.34	0.501
Region 1	3.52	2.68 - 4.62	3.27	2.42 - 4.41	0.630
Region 2	4.12	3.20 - 5.29	3.97	2.98 - 5.28	0.809
Region 3	3.85	2.92 - 5.06	3.06	2.23 - 4.19	0.133
Region 4	3.73	2.85 - 4.86	3.64	2.72 - 4.86	0.881
Alaska	4.01	3.34 - 4.81	3.46	2.74 - 4.35	0.207
Anchorage	--	-- --	3.98	3.00 - 5.26	--
Northern	--	-- --	2.92	2.08 - 4.08	--
South Central	--	-- --	3.15	2.20 - 4.50	--
Southeast	3.48	2.59 - 4.65	3.32	2.27 - 4.84	0.793
Arizona	4.41	3.69 - 5.27	3.90	3.10 - 4.90	0.299
Maricopa	4.42	3.57 - 5.46	4.00	3.06 - 5.21	0.475
Pima	4.65	3.48 - 6.19	4.12	2.89 - 5.84	0.472
Rural North	4.38	3.23 - 5.91	3.91	2.74 - 5.55	0.525
Rural South	4.07	3.00 - 5.49	3.23	2.19 - 4.73	0.184
Arkansas¹	3.87	3.26 - 4.59	3.77	3.08 - 4.60	0.797
Catchment Area 1	--	-- --	4.02	2.99 - 5.37	--
Catchment Area 2	3.71	2.73 - 5.04	3.40	2.40 - 4.80	0.598
Catchment Area 3	4.27	3.22 - 5.65	3.61	2.61 - 4.97	0.278
Catchment Area 4	--	-- --	3.79	2.68 - 5.35	--
Catchment Area 5	--	-- --	3.57	2.59 - 4.89	--
Catchment Area 6	--	-- --	3.54	2.48 - 5.02	--
Catchment Area 7	--	-- --	3.35	2.36 - 4.72	--
Catchment Area 8	4.09	3.09 - 5.41	4.31	3.17 - 5.85	0.742

See notes at end of table.

(continued)

Table 5 Illicit Drug Use Other Than Marijuana in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
California	3.80	3.41 - 4.25	3.60	3.18 - 4.06	0.453
Region 1R	--	-- --	4.54	3.24 - 6.34	--
Region 2R	--	-- --	4.00	2.96 - 5.38	--
Region 3R (Sacramento)	--	-- --	3.69	2.75 - 4.95	--
Region 4R	--	-- --	3.81	2.85 - 5.09	--
Region 5R (San Francisco)	--	-- --	4.68	3.34 - 6.52	--
Region 6 (Santa Clara)	3.10	2.37 - 4.05	2.86	2.10 - 3.88	0.592
Region 7R (Contra Costa)	--	-- --	3.44	2.56 - 4.61	--
Region 8R (Alameda)	--	-- --	3.49	2.57 - 4.73	--
Region 9R (San Mateo)	--	-- --	3.01	2.16 - 4.18	--
Region 10	4.07	3.16 - 5.23	3.83	2.85 - 5.14	0.670
Region 11 (Los Angeles)	3.78	3.13 - 4.56	3.47	2.96 - 4.06	0.430
LA SPA 1 and 5	--	-- --	3.77	2.78 - 5.10	--
LA SPA 2	--	-- --	3.59	2.68 - 4.79	--
LA SPA 3	--	-- --	3.09	2.30 - 4.14	--
LA SPA 4	--	-- --	3.61	2.61 - 4.95	--
LA SPA 6	--	-- --	3.48	2.55 - 4.72	--
LA SPA 7	--	-- --	3.37	2.50 - 4.55	--
LA SPA 8	--	-- --	3.52	2.62 - 4.70	--
Region 12R	--	-- --	3.44	2.51 - 4.71	--
Regions 13 and 19R	--	-- --	3.75	2.91 - 4.82	--
Region 13 (Riverside)	3.23	2.42 - 4.29	3.75	2.86 - 4.90	0.296
Region 19R (Imperial)	--	-- --	3.77	2.68 - 5.29	--
Region 14 (Orange)	3.33	2.61 - 4.24	3.19	2.46 - 4.13	0.760
Region 15R (Fresno)	--	-- --	3.44	2.51 - 4.68	--
Region 16R (San Diego)	--	-- --	3.73	2.91 - 4.77	--
Region 17R	--	-- --	4.01	3.03 - 5.29	--
Region 18R (San Bernardino)	--	-- --	3.32	2.57 - 4.27	--
Region 20R	--	-- --	3.78	2.80 - 5.09	--
Region 21R	--	-- --	4.45	3.32 - 5.94	--
Colorado	4.61	3.87 - 5.48	4.11	3.33 - 5.06	0.314
Region 1	4.53	3.44 - 5.93	4.66	3.40 - 6.36	0.848
Regions 2 and 7	4.73	3.81 - 5.87	4.17	3.24 - 5.36	0.360
Region 3	4.57	3.41 - 6.10	3.72	2.65 - 5.21	0.216
Region 4	4.35	3.12 - 6.02	3.63	2.49 - 5.26	0.295
Regions 5 and 6	4.29	3.15 - 5.81	3.89	2.77 - 5.45	0.563
Connecticut	3.33	2.79 - 3.97	3.39	2.70 - 4.25	0.873
Eastern	3.94	3.01 - 5.15	3.37	2.38 - 4.75	0.323
North Central	3.24	2.44 - 4.31	3.23	2.33 - 4.45	0.979
Northwestern	3.33	2.54 - 4.36	3.61	2.53 - 5.13	0.631
South Central	3.39	2.60 - 4.41	3.80	2.76 - 5.21	0.465
Southwest	2.98	2.23 - 3.99	2.91	2.07 - 4.09	0.879

See notes at end of table.

(continued)

Table 5 *Illicit Drug Use Other Than Marijuana in the Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	(Estimate)	(95% Confidence Interval)	(Estimate)	(95% Confidence Interval)	
Delaware	3.91	3.33 - 4.60	3.80	3.06 - 4.70	0.786
Kent	4.25	3.21 - 5.60	3.79	2.76 - 5.19	0.456
New Castle (excluding Wilmington City)	3.99	3.29 - 4.83	4.10	3.19 - 5.26	0.843
Sussex	3.56	2.66 - 4.74	3.09	2.20 - 4.33	0.395
Wilmington City	3.73	2.73 - 5.06	3.83	2.61 - 5.57	0.877
District of Columbia	3.73 ^a	3.06 - 4.54	5.05	4.06 - 6.27	0.013
Ward 1	4.34	3.10 - 6.05	5.67	4.00 - 7.99	0.158
Ward 2	4.88	3.61 - 6.56	6.21	4.55 - 8.42	0.128
Ward 3	3.82 ^b	2.80 - 5.19	5.31	3.77 - 7.42	0.074
Ward 4	2.86 ^b	1.98 - 4.11	4.18	2.84 - 6.12	0.058
Ward 5	3.43	2.42 - 4.82	4.66	3.25 - 6.64	0.118
Ward 6	3.53 ^a	2.49 - 5.00	5.16	3.58 - 7.39	0.043
Ward 7	3.32	2.35 - 4.67	4.22	2.91 - 6.09	0.242
Ward 8	3.48 ^b	2.52 - 4.80	4.79	3.34 - 6.83	0.082
Florida¹	3.68 ^a	3.28 - 4.13	3.10	2.73 - 3.53	0.027
Region A - Northwest	--	-- --	3.66	2.98 - 4.49	--
Circuit 1	4.43	3.41 - 5.74	3.56	2.65 - 4.76	0.126
Circuit 2	--	-- --	3.93	2.92 - 5.28	--
Circuit 14	--	-- --	3.55	2.52 - 4.98	--
Region B - Northeast	--	-- --	3.41	2.79 - 4.16	--
Circuits 3 and 8	--	-- --	3.80	2.87 - 5.03	--
Circuit 4	--	-- --	3.68	2.72 - 4.97	--
Circuit 7	--	-- --	2.81	2.06 - 3.81	--
Region C - Central	--	-- --	3.03	2.56 - 3.59	--
Circuit 5	3.03	2.22 - 4.12	2.66	1.91 - 3.69	0.457
Circuit 9	--	-- --	3.36	2.60 - 4.32	--
Circuit 10	3.60	2.76 - 4.67	3.19	2.39 - 4.26	0.423
Circuit 18	--	-- --	2.96	2.21 - 3.96	--
Circuit 19	3.42	2.53 - 4.62	2.88	2.05 - 4.02	0.297
Region D - Southeast	--	-- --	2.87	2.30 - 3.56	--
Circuit 15 (Palm Beach)	3.40	2.57 - 4.49	2.96	2.20 - 3.96	0.374
Circuit 17 (Broward)	3.74 ^a	2.92 - 4.77	2.80	2.12 - 3.68	0.050
Region E - Sun Coast	--	-- --	3.18	2.63 - 3.84	--
Circuit 6	--	-- --	3.42	2.52 - 4.63	--
Circuit 12	--	-- --	3.25	2.33 - 4.52	--
Circuit 13 (Hillsborough)	--	-- --	3.00	2.30 - 3.90	--
Circuit 20	3.15	2.37 - 4.17	3.04	2.19 - 4.20	0.832
Region F - Southern (Circuits 11 and 16)	3.31	2.61 - 4.19	2.78	2.17 - 3.55	0.224
Georgia	3.81 ^a	3.16 - 4.58	3.03	2.41 - 3.80	0.045
Region 1	--	-- --	2.92	2.16 - 3.95	--
Region 2	--	-- --	3.13	2.25 - 4.32	--
Region 3	--	-- --	3.10	2.23 - 4.30	--
Region 4	--	-- --	3.20	2.21 - 4.61	--
Region 5	--	-- --	3.18	2.23 - 4.50	--
Region 6	--	-- --	2.77	1.95 - 3.91	--

See notes at end of table.

(continued)

Table 5 Illicit Drug Use Other Than Marijuana in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Hawaii	3.16	2.55 - 3.91	3.42	2.69 - 4.32	0.584
Hawaii Island	3.32	2.38 - 4.61	3.49	2.41 - 5.02	0.793
Honolulu	3.12	2.44 - 3.97	3.50	2.69 - 4.53	0.463
Kauai and Maui	3.24	2.34 - 4.46	3.00	2.13 - 4.21	0.670
Kauai	--	-- --	3.49	2.27 - 5.33	--
Maui	--	-- --	2.79	1.89 - 4.10	--
Idaho	3.47	2.89 - 4.17	3.59	2.89 - 4.45	0.766
Region 1	3.44	2.53 - 4.66	3.36	2.36 - 4.76	0.880
Region 2	3.57	2.65 - 4.80	3.52	2.49 - 4.95	0.921
Region 3	3.35	2.50 - 4.47	3.54	2.56 - 4.87	0.726
Region 4	3.69	2.84 - 4.79	3.98	2.94 - 5.36	0.616
Region 5	3.25	2.41 - 4.38	3.05	2.18 - 4.26	0.695
Region 6	3.58	2.67 - 4.79	3.74	2.66 - 5.22	0.780
Region 7	3.24	2.39 - 4.38	3.43	2.48 - 4.73	0.711
Illinois	3.29	2.92 - 3.70	3.06	2.68 - 3.48	0.359
Region I (Cook)	3.47	2.90 - 4.15	3.24	2.66 - 3.94	0.549
Region II	3.22	2.68 - 3.86	2.83	2.32 - 3.45	0.298
Region III	3.01	2.41 - 3.75	3.15	2.47 - 4.01	0.733
Region IV	3.23	2.54 - 4.11	2.56	1.88 - 3.47	0.135
Region V	3.07	2.45 - 3.84	3.30	2.53 - 4.29	0.599
Indiana	3.55	3.02 - 4.18	3.60	2.88 - 4.49	0.903
Central	3.78	2.92 - 4.89	3.32	2.40 - 4.57	0.400
East	3.69	2.78 - 4.88	4.03	2.83 - 5.72	0.587
North Central	3.38	2.55 - 4.46	3.58	2.57 - 4.97	0.703
Northeast	3.08	2.29 - 4.13	3.62	2.52 - 5.18	0.323
Northwest	3.20	2.40 - 4.26	3.63	2.55 - 5.15	0.440
Southeast	3.21	2.42 - 4.25	3.73	2.65 - 5.23	0.358
Southwest	3.92	2.91 - 5.25	3.23	2.25 - 4.61	0.230
West	4.00	3.06 - 5.22	4.00	2.91 - 5.48	0.994
Iowa	2.92	2.36 - 3.60	2.58	2.05 - 3.24	0.296
Central	2.98	2.15 - 4.11	2.52	1.81 - 3.50	0.317
North Central	3.10	2.30 - 4.19	3.02	2.09 - 4.34	0.865
Northeast	2.88	2.14 - 3.85	2.45	1.78 - 3.38	0.324
Northwest	2.66	1.94 - 3.64	2.60	1.83 - 3.66	0.879
Southeast	2.97	2.23 - 3.95	2.62	1.90 - 3.59	0.406
Southwest	3.02	2.16 - 4.21	2.38	1.66 - 3.39	0.158
Kansas	2.93	2.40 - 3.58	2.80	2.23 - 3.51	0.676
Kansas City Metro	2.90	2.22 - 3.78	2.68	1.99 - 3.60	0.599
Northeast	2.88	2.11 - 3.91	2.64	1.87 - 3.71	0.604
South Central	2.96	2.16 - 4.06	2.95	2.08 - 4.16	0.973
Southeast	3.03	2.20 - 4.15	3.05	2.08 - 4.46	0.960
West	2.71	1.95 - 3.76	2.79	1.99 - 3.90	0.872
Wichita (Sedgwick)	3.15	2.32 - 4.27	3.01	2.13 - 4.24	0.775

See notes at end of table.

(continued)

Table 5 *Illicit Drug Use Other Than Marijuana in the Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Kentucky	4.47 ^a	3.77 - 5.31	3.00	2.40 - 3.73	0.000
Adanta, Cumberland River, and Lifeskills	4.01	3.07 - 5.22	3.11	2.23 - 4.32	0.110
Bluegrass, Comprehend, and North Key	5.10 ^a	3.96 - 6.56	3.08	2.28 - 4.14	0.001
Communicare and River Valley	4.10 ^a	3.08 - 5.44	2.76	1.96 - 3.88	0.014
Four Rivers and Pennyroyal	4.08 ^a	2.97 - 5.60	2.76	1.91 - 3.97	0.022
Kentucky River, Mountain, and Pathways	4.60 ^a	3.47 - 6.06	3.12	2.16 - 4.49	0.026
Seven Counties	4.32 ^a	3.31 - 5.61	2.95	2.12 - 4.11	0.022
Louisiana	4.03	3.45 - 4.70	3.57	2.92 - 4.36	0.238
Regions 1 and 10	--	-- --	3.75	2.82 - 4.96	--
Region 1	3.78	2.82 - 5.05	3.98	2.83 - 5.57	0.746
Region 10 (Jefferson)	4.00	2.98 - 5.34	3.52	2.47 - 5.00	0.459
Regions 2 and 9	4.33	3.41 - 5.48	3.72	2.82 - 4.89	0.282
Region 3	4.03	3.07 - 5.28	3.78	2.69 - 5.29	0.677
Regions 4, 5, and 6	--	-- --	3.50	2.62 - 4.66	--
Regions 7 and 8	4.04	3.11 - 5.22	3.20	2.36 - 4.33	0.115
Maine¹	3.65	3.06 - 4.34	3.35	2.71 - 4.13	0.420
Aroostook/Downeast	--	-- --	2.99	2.22 - 4.02	--
Aroostook	--	-- --	2.83	1.99 - 4.02	--
Downeast	--	-- --	3.13	2.15 - 4.53	--
Central	--	-- --	3.09	2.20 - 4.34	--
Cumberland	3.82	2.91 - 5.01	3.48	2.50 - 4.83	0.560
Midcoast	3.45	2.53 - 4.71	3.10	2.15 - 4.45	0.516
Penquis	--	-- --	4.13	3.02 - 5.62	--
Western	--	-- --	3.54	2.57 - 4.86	--
York	3.54	2.67 - 4.68	2.97	2.14 - 4.10	0.262
Maryland	3.12	2.56 - 3.80	2.75	2.17 - 3.49	0.290
Anne Arundel	3.23	2.37 - 4.39	2.98	2.04 - 4.33	0.635
Baltimore City	3.75	2.68 - 5.23	3.28	2.25 - 4.77	0.468
Baltimore County	--	-- --	2.84	2.01 - 3.99	--
Montgomery	2.60	1.87 - 3.62	2.31	1.64 - 3.25	0.495
North Central	--	-- --	2.72	1.89 - 3.89	--
Northeast	--	-- --	2.82	1.94 - 4.10	--
Prince George's	2.73	1.95 - 3.82	2.32	1.60 - 3.37	0.355
South	--	-- --	3.07	2.13 - 4.43	--
West	--	-- --	2.93	2.02 - 4.22	--

See notes at end of table.

(continued)

Table 5 *Illicit Drug Use Other Than Marijuana in the Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	<i>P</i>Value
Massachusetts	3.65	3.08 - 4.31	3.53	2.88 - 4.31	0.748
Boston	4.51	3.41 - 5.93	4.24	3.08 - 5.82	0.692
Central	3.37	2.50 - 4.52	3.65	2.64 - 5.05	0.596
Metrowest	3.62	2.80 - 4.68	3.43	2.50 - 4.70	0.722
Northeast	3.26	2.49 - 4.27	3.01	2.17 - 4.17	0.615
Southeast	3.61	2.75 - 4.71	3.25	2.36 - 4.46	0.513
Western	3.78	2.91 - 4.91	4.10	2.99 - 5.59	0.603
Michigan¹	3.55	3.19 - 3.94	3.58	3.18 - 4.03	0.888
Detroit City	3.77	2.84 - 5.00	3.68	2.71 - 4.97	0.875
Genesee	4.12	3.11 - 5.44	3.63	2.71 - 4.85	0.421
Kalamazoo	--	-- --	3.37	2.56 - 4.42	--
Kent	3.52	2.80 - 4.41	3.77	2.86 - 4.96	0.606
Lakeshore	--	-- --	3.46	2.68 - 4.46	--
Macomb	3.19	2.52 - 4.03	3.21	2.46 - 4.19	0.961
Mid South	--	-- --	3.97	3.10 - 5.07	--
Northern	3.40	2.69 - 4.29	3.90	3.00 - 5.05	0.330
Oakland	2.98	2.35 - 3.76	3.24	2.53 - 4.13	0.536
Pathways and Western	--	-- --	3.30	2.45 - 4.45	--
Riverhaven	3.56	2.73 - 4.63	3.60	2.64 - 4.88	0.942
Saginaw	3.39	2.59 - 4.42	3.81	2.74 - 5.29	0.433
Southeast	3.99	3.21 - 4.95	3.81	3.01 - 4.81	0.738
St. Clair	3.29	2.51 - 4.31	3.67	2.71 - 4.95	0.481
Washtenaw	3.64	2.87 - 4.61	3.31	2.52 - 4.33	0.472
Minnesota	3.16	2.62 - 3.80	2.76	2.22 - 3.44	0.234
Regions 1 and 2	3.57	2.65 - 4.80	2.98	2.07 - 4.29	0.275
Regions 3 and 4	3.03	2.29 - 4.01	2.69	1.97 - 3.67	0.426
Regions 5 and 6	3.11	2.36 - 4.09	2.90	2.10 - 3.97	0.636
Region 7A (Hennepin)	3.36	2.48 - 4.54	2.85	2.05 - 3.94	0.340
Region 7B (Ramsey)	3.23	2.40 - 4.32	2.95	2.04 - 4.25	0.583
Region 7C	2.82	2.12 - 3.74	2.44	1.78 - 3.34	0.358
Mississippi	3.37	2.83 - 4.01	3.57	2.91 - 4.38	0.572
Region 1	3.20	2.44 - 4.17	3.83	2.86 - 5.12	0.204
Region 2	3.14	2.35 - 4.19	3.41	2.42 - 4.79	0.600
Region 3	3.26	2.45 - 4.33	3.33	2.38 - 4.65	0.886
Region 4	3.18	2.41 - 4.19	3.43	2.46 - 4.75	0.647
Region 5	3.13	2.29 - 4.27	3.52	2.45 - 5.04	0.486
Region 6	3.74	2.81 - 4.96	3.76	2.73 - 5.14	0.977
Region 7	3.98	2.97 - 5.33	3.61	2.60 - 4.98	0.523

See notes at end of table.

(continued)

Table 5 Illicit Drug Use Other Than Marijuana in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Missouri	3.91 ^a	3.32 - 4.61	2.78	2.21 - 3.48	0.001
Central	4.47 ^a	3.43 - 5.80	2.78	1.97 - 3.91	0.003
Eastern	3.65 ^a	2.93 - 4.56	2.75	2.09 - 3.61	0.029
Eastern (St. Louis City and County)	3.46	2.64 - 4.53	2.77	2.02 - 3.79	0.148
Eastern (excluding St. Louis)	4.04 ^a	3.04 - 5.35	2.72	1.92 - 3.84	0.011
Northwest	4.17 ^a	3.30 - 5.24	2.81	2.14 - 3.69	0.002
Northwest (Jackson)	4.52 ^a	3.34 - 6.09	2.80	2.00 - 3.89	0.004
Northwest (excluding Jackson)	3.85 ^a	2.90 - 5.09	2.82	2.04 - 3.90	0.033
Southeast	3.80 ^b	2.89 - 4.97	2.85	2.01 - 4.01	0.062
Southwest	3.70 ^b	2.81 - 4.86	2.72	1.93 - 3.81	0.051
Montana	3.76	3.16 - 4.48	3.27	2.64 - 4.03	0.205
Region 1	3.32	2.49 - 4.43	3.01	2.12 - 4.27	0.545
Region 2	4.03	3.03 - 5.35	3.43	2.43 - 4.81	0.317
Region 3	3.74	2.83 - 4.93	3.15	2.31 - 4.28	0.290
Region 4	3.63	2.81 - 4.69	3.74	2.78 - 5.01	0.851
Region 5	3.88 ^b	3.02 - 4.99	2.93	2.18 - 3.93	0.061
Nebraska	3.22 ^a	2.71 - 3.84	2.49	1.95 - 3.19	0.027
Regions 1 and 2	2.91 ^b	2.13 - 3.95	2.25	1.60 - 3.14	0.093
Region 1	--	-- --	2.33	1.56 - 3.47	--
Region 2	--	-- --	2.17	1.46 - 3.22	--
Region 3	3.37 ^b	2.51 - 4.49	2.47	1.71 - 3.54	0.064
Region 4	3.06 ^a	2.31 - 4.05	2.15	1.47 - 3.15	0.037
Region 5	3.36	2.62 - 4.30	2.65	1.90 - 3.67	0.103
Region 6	3.23	2.53 - 4.12	2.56	1.89 - 3.46	0.119
Nevada¹	4.31	3.41 - 5.42	4.11	3.23 - 5.22	0.744
Clark – Region 1	4.42	3.35 - 5.81	3.89	2.96 - 5.10	0.449
Region 3	3.67	2.66 - 5.03	4.04	2.90 - 5.58	0.544
Capital District	--	-- --	4.05	2.73 - 5.97	--
Rural/Frontier	--	-- --	4.02	2.72 - 5.91	--
Washoe – Region 2	4.36	3.28 - 5.78	5.17	3.69 - 7.19	0.311
New Hampshire	3.94	3.35 - 4.63	3.79	3.10 - 4.61	0.705
Central	4.05	3.29 - 4.97	3.70	2.89 - 4.73	0.468
Central 1	4.14	3.24 - 5.28	4.34	3.24 - 5.80	0.742
Central 2	3.96	3.02 - 5.19	3.09	2.23 - 4.26	0.103
Northern	3.77	2.87 - 4.95	3.74	2.71 - 5.13	0.953
Southern	3.92	3.23 - 4.76	3.84	3.04 - 4.84	0.856
Southern 1 (Rockingham)	3.72	2.84 - 4.87	3.20	2.34 - 4.36	0.324
Southern 2	4.04	3.21 - 5.07	4.23	3.21 - 5.55	0.747
New Jersey	3.24	2.70 - 3.89	3.19	2.54 - 4.01	0.895
Central	3.17	2.41 - 4.17	3.10	2.24 - 4.26	0.873
Metropolitan	3.37	2.58 - 4.40	3.25	2.35 - 4.47	0.812
Northern	3.14	2.42 - 4.07	3.01	2.17 - 4.15	0.789
Southern	3.32	2.51 - 4.39	3.52	2.58 - 4.79	0.703

See notes at end of table.

(continued)

Table 5 *Illicit Drug Use Other Than Marijuana in the Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
New Mexico	4.66	3.85 - 5.63	3.98	3.19 - 4.95	0.191
Region 1	4.31	3.26 - 5.70	3.99	2.90 - 5.47	0.644
Region 2	4.53	3.37 - 6.07	3.54	2.42 - 5.14	0.178
Region 3 (Bernalillo)	4.87	3.75 - 6.31	4.45	3.28 - 6.02	0.582
Region 4	4.60	3.43 - 6.14	3.83	2.75 - 5.32	0.264
Region 5	4.81 ^b	3.67 - 6.28	3.60	2.59 - 4.98	0.064
New York	3.15	2.81 - 3.53	3.31	2.89 - 3.79	0.515
Region A	3.13	2.68 - 3.65	3.24	2.72 - 3.87	0.721
Region 1	3.33	2.54 - 4.37	3.08	2.23 - 4.22	0.617
Region 2	3.02	2.37 - 3.84	3.07	2.35 - 4.02	0.905
Region 3	4.04	3.12 - 5.23	4.60	3.40 - 6.20	0.412
Region 4	2.50	1.89 - 3.29	2.56	1.91 - 3.43	0.878
Region B	--	-- --	3.10	2.55 - 3.77	--
Region 5	2.97	2.35 - 3.75	3.28	2.54 - 4.22	0.504
Region 6	2.60	2.02 - 3.34	2.48	1.78 - 3.44	0.761
Region 7	3.11	2.38 - 4.06	3.50	2.61 - 4.68	0.412
Region C	--	-- --	3.57	3.01 - 4.23	--
Region 8	3.24	2.55 - 4.10	3.20	2.43 - 4.21	0.930
Region 9	3.32	2.62 - 4.22	3.69	2.75 - 4.93	0.464
Region 10	3.61	2.83 - 4.58	3.55	2.61 - 4.80	0.900
Region 11	3.49	2.75 - 4.41	3.74	2.80 - 4.97	0.620
Region 12	3.26	2.59 - 4.10	3.66	2.75 - 4.85	0.415
Region D	3.44	2.89 - 4.08	3.57	2.90 - 4.38	0.705
Region 13	3.27	2.51 - 4.26	3.25	2.39 - 4.41	0.963
Region 14	3.39	2.61 - 4.38	3.80	2.79 - 5.15	0.424
Region 15	3.63	2.81 - 4.67	3.62	2.70 - 4.86	0.992
North Carolina	3.79 ^a	3.17 - 4.52	2.85	2.27 - 3.59	0.015
Alliance	--	-- --	2.82	2.04 - 3.89	--
Cardinal Innovations	--	-- --	3.00	2.14 - 4.19	--
CenterPoint/Guilford	--	-- --	2.96	2.18 - 4.02	--
CenterPoint	--	-- --	2.98	2.06 - 4.29	--
Guilford	--	-- --	2.94	2.04 - 4.23	--
CoastalCare	--	-- --	3.32	2.29 - 4.78	--
Eastpointe	--	-- --	2.59	1.79 - 3.74	--
ECBH	--	-- --	2.71	1.84 - 3.96	--
MeckLINK	--	-- --	2.72	1.87 - 3.95	--
Partners	--	-- --	2.86	2.00 - 4.07	--
Sandhills	--	-- --	2.64	1.82 - 3.80	--
Smoky Mountain	--	-- --	2.86	1.95 - 4.19	--
Western Highlands	--	-- --	2.82	1.93 - 4.08	--

See notes at end of table.

(continued)

Table 5 *Illicit Drug Use Other Than Marijuana in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)*

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
North Dakota	3.12 ^a	2.56 - 3.81	2.20	1.70 - 2.84	0.007
Badlands and West Central Lake Region and South Central	2.66 ^b	1.95 - 3.61	1.99	1.39 - 2.84	0.095
North Central and Northwest	3.23 ^a	2.32 - 4.47	2.02	1.38 - 2.94	0.014
Northeast	3.05 ^a	2.26 - 4.10	2.19	1.53 - 3.12	0.047
Southeast	3.45 ^b	2.59 - 4.59	2.55	1.79 - 3.60	0.075
	3.40 ^a	2.60 - 4.44	2.34	1.68 - 3.26	0.024
Ohio	3.35	2.99 - 3.76	3.60	3.22 - 4.02	0.311
Boards 2, 46, 55, and 68	3.15	2.45 - 4.06	3.16	2.37 - 4.19	0.994
Boards 3, 52, and 85	2.96 ^b	2.27 - 3.85	3.86	2.87 - 5.17	0.073
Boards 4 and 78	3.30	2.50 - 4.35	3.68	2.68 - 5.02	0.482
Boards 5 and 60	3.91	3.02 - 5.06	4.19	3.18 - 5.52	0.609
Boards 7, 15, 41, 79, and 84	3.21	2.48 - 4.16	3.24	2.42 - 4.31	0.961
Boards 8, 13, and 83	3.43	2.65 - 4.43	3.18	2.42 - 4.19	0.585
Board 9 (Butler)	3.32	2.59 - 4.26	3.89	2.96 - 5.09	0.243
Board 12	3.42	2.65 - 4.40	3.30	2.44 - 4.44	0.803
Boards 18 and 47	3.34	2.65 - 4.20	3.47	2.74 - 4.38	0.783
Boards 20, 32, 54, and 69	3.07	2.34 - 4.02	3.08	2.26 - 4.17	0.984
Boards 21, 39, 51, 70, and 80	3.01	2.32 - 3.89	3.38	2.56 - 4.46	0.432
Boards 22, 74, and 87	2.93	2.19 - 3.91	3.52	2.65 - 4.66	0.211
Boards 23 and 45	3.26	2.50 - 4.25	3.53	2.62 - 4.75	0.587
Board 25 (Franklin)	3.75	2.99 - 4.69	4.30	3.38 - 5.47	0.315
Boards 27, 71, and 73	3.20	2.45 - 4.18	3.91	2.91 - 5.24	0.175
Boards 28, 43, and 67	3.31	2.57 - 4.25	3.47	2.65 - 4.54	0.716
Board 31 (Hamilton)	3.38	2.64 - 4.32	3.33	2.57 - 4.32	0.916
Board 48 (Lucas)	3.38	2.60 - 4.37	3.83	2.90 - 5.06	0.358
Boards 50 and 76	3.37	2.60 - 4.38	3.29	2.53 - 4.27	0.862
Board 57 (Montgomery)	3.77	2.86 - 4.96	3.54	2.67 - 4.69	0.672
Board 77 (Summit)	3.22	2.45 - 4.22	4.10	3.08 - 5.45	0.106
Oklahoma	4.26	3.59 - 5.05	3.68	2.99 - 4.52	0.162
Central	4.40	3.34 - 5.78	3.47	2.52 - 4.76	0.104
East Central	3.70	2.74 - 4.99	3.48	2.43 - 4.97	0.714
Northeast	4.00	3.03 - 5.27	3.39	2.43 - 4.70	0.277
Northwest and Southwest	4.02	3.04 - 5.29	3.79	2.70 - 5.30	0.718
Oklahoma County	4.30	3.24 - 5.68	4.03	2.95 - 5.48	0.676
Southeast	4.46	3.35 - 5.91	3.58	2.52 - 5.07	0.207
Tulsa County	4.76	3.67 - 6.14	3.78	2.71 - 5.23	0.153
Oregon	3.84	3.21 - 4.59	4.21	3.42 - 5.19	0.407
Region 1 (Multnomah)	4.56	3.46 - 5.98	5.29	3.84 - 7.25	0.365
Region 2	3.53	2.68 - 4.64	3.54	2.58 - 4.84	0.985
Region 3	3.70	2.87 - 4.76	4.41	3.40 - 5.70	0.230
Region 4	3.89	2.91 - 5.20	3.70	2.58 - 5.27	0.780
Region 5 (Central)	--	-- --	3.94	2.73 - 5.66	--
Region 6 (Eastern)	--	-- --	3.80	2.58 - 5.56	--

See notes at end of table.

(continued)

Table 5 *Illicit Drug Use Other Than Marijuana in the Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		<i>P</i> Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Pennsylvania¹	3.34	2.98 - 3.73	3.09	2.70 - 3.53	0.322
Region 1 (Allegheny)	3.69	2.90 - 4.68	3.92	2.99 - 5.14	0.680
Regions 3, 8, 9, and 51	--	-- --	2.66	1.96 - 3.60	--
Regions 4, 11, 37, and 49	3.20	2.49 - 4.09	3.00	2.23 - 4.02	0.668
Regions 5, 18, 23, 24, and 46	3.14	2.47 - 3.98	2.80	2.10 - 3.71	0.403
Regions 6, 12, 16, 31, 35, 45, and 47	--	-- --	2.94	2.19 - 3.92	--
Regions 7, 13, 20, and 33	3.17	2.57 - 3.90	2.83	2.23 - 3.57	0.383
Regions 10, 15, 27, 32, 43, and 44	--	-- --	2.52	1.84 - 3.46	--
Regions 17 and 21	3.47	2.68 - 4.50	3.02	2.19 - 4.15	0.350
Regions 19, 26, 28, and 42	2.68	2.08 - 3.45	2.65	2.01 - 3.50	0.944
Regions 22, 38, 40, 41, and 48	2.99	2.32 - 3.85	3.05	2.32 - 3.99	0.894
Regions 29 and 34	3.26	2.51 - 4.23	2.89	2.15 - 3.87	0.391
Regions 30 and 50	--	-- --	2.74	2.02 - 3.69	--
Region 36 (Philadelphia)	4.21	3.35 - 5.29	4.20	3.20 - 5.48	0.978
Rhode Island	4.39	3.68 - 5.22	4.87	3.92 - 6.02	0.369
Bristol and Newport	4.16	3.10 - 5.56	3.78	2.62 - 5.42	0.563
Kent	4.02	3.01 - 5.35	3.99	2.85 - 5.57	0.964
Providence	4.48	3.65 - 5.49	5.30	4.11 - 6.81	0.229
Washington	4.68	3.57 - 6.11	5.05	3.65 - 6.96	0.611
South Carolina	3.52	2.94 - 4.20	3.39	2.75 - 4.16	0.719
Region 1	3.96 ^b	3.04 - 5.13	3.01	2.20 - 4.11	0.078
Region 2	3.30	2.59 - 4.19	3.23	2.40 - 4.33	0.886
Region 3	3.13	2.31 - 4.22	3.40	2.40 - 4.80	0.617
Region 4	3.58	2.72 - 4.70	3.92	2.92 - 5.24	0.555
South Dakota	2.99	2.44 - 3.64	2.45	1.90 - 3.17	0.119
Region 1	--	-- --	2.51	1.76 - 3.56	--
Region 2	--	-- --	2.46	1.65 - 3.65	--
Region 3	--	-- --	2.22	1.58 - 3.12	--
Region 4	--	-- --	2.33	1.62 - 3.33	--
Region 5	--	-- --	2.66	1.89 - 3.75	--
Tennessee	3.58	3.00 - 4.26	3.56	2.90 - 4.36	0.962
Region 1	4.00	2.88 - 5.53	3.31	2.33 - 4.69	0.259
Region 2	3.97	3.01 - 5.21	3.60	2.63 - 4.91	0.520
Region 3	--	-- --	3.59	2.61 - 4.93	--
Region 4 (Davidson)	4.21	3.13 - 5.64	3.72	2.72 - 5.08	0.419
Region 5	--	-- --	3.31	2.45 - 4.46	--
Region 6	3.52	2.60 - 4.77	3.33	2.34 - 4.71	0.724
Region 7 (Shelby)	2.98 ^b	2.17 - 4.08	4.06	2.88 - 5.70	0.059

See notes at end of table.

(continued)

Table 5 *Illicit Drug Use Other Than Marijuana in the Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	<i>P</i> Value
Texas	3.84 ^a	3.47 - 4.24	3.09	2.72 - 3.50	0.003
Region 1	4.29 ^b	3.40 - 5.41	3.35	2.52 - 4.45	0.065
Region 2	4.14 ^a	3.15 - 5.42	3.03	2.22 - 4.12	0.028
Region 3	3.64	3.11 - 4.25	3.20	2.67 - 3.83	0.213
Region 3a	3.57	2.94 - 4.33	3.17	2.52 - 3.96	0.342
Region 3bc	3.75	2.99 - 4.70	3.26	2.55 - 4.16	0.296
Region 4	3.88 ^a	3.00 - 5.02	2.88	2.12 - 3.89	0.044
Region 5	4.10 ^a	3.16 - 5.32	3.11	2.32 - 4.16	0.048
Region 6	3.64 ^a	3.07 - 4.30	2.70	2.19 - 3.32	0.009
Region 6a	3.61 ^a	3.01 - 4.33	2.68	2.14 - 3.35	0.017
Region 6bc	3.85 ^a	2.96 - 5.01	2.88	2.13 - 3.89	0.038
Region 7	4.35	3.70 - 5.10	3.71	3.05 - 4.52	0.113
Region 7a	4.57	3.73 - 5.59	3.81	2.96 - 4.90	0.154
Region 7bcd	4.02	3.17 - 5.09	3.55	2.71 - 4.63	0.344
Region 8	3.98 ^b	3.19 - 4.97	3.04	2.32 - 3.98	0.051
Region 9	4.02	3.07 - 5.25	3.29	2.41 - 4.47	0.166
Region 10	3.91 ^b	2.99 - 5.10	3.00	2.23 - 4.02	0.064
Region 11	3.61	2.94 - 4.42	2.98	2.38 - 3.75	0.122
Region 11abd	3.77	2.94 - 4.81	3.08	2.34 - 4.05	0.156
Region 11c (Hidalgo)	3.27	2.49 - 4.29	2.82	2.07 - 3.82	0.315
Utah	3.91 ^a	3.30 - 4.62	2.92	2.35 - 3.61	0.007
Bear River, Northeastern, Summit, Tooele, and Wasatch	4.15 ^a	3.14 - 5.48	2.74	1.98 - 3.80	0.005
Central, Four Corners, San Juan, and Southwest	3.53	2.63 - 4.71	2.81	2.01 - 3.91	0.122
Davis County	3.69 ^b	2.78 - 4.87	2.88	2.06 - 4.00	0.097
Salt Lake County	4.15 ^a	3.26 - 5.26	2.85	2.13 - 3.82	0.014
Utah County	3.76	2.88 - 4.90	3.31	2.44 - 4.49	0.380
Weber, Morgan	3.56	2.70 - 4.69	2.81	1.97 - 3.99	0.130
Vermont	3.91	3.31 - 4.61	4.01	3.28 - 4.89	0.816
Champlain Valley	4.09	3.29 - 5.07	4.40	3.43 - 5.64	0.574
Rural Northeast	3.91	3.04 - 5.02	3.95	2.90 - 5.38	0.941
Rural Southeast	3.22	2.40 - 4.30	3.74	2.70 - 5.16	0.367
Rural Southwest	4.41	3.27 - 5.91	3.45	2.43 - 4.87	0.140
Virginia	3.49	2.91 - 4.17	3.18	2.56 - 3.94	0.398
Region 1	--	-- --	3.52	2.56 - 4.81	--
Region 2	3.10	2.34 - 4.09	2.57	1.84 - 3.59	0.264
Region 3	3.79	2.87 - 5.00	3.42	2.47 - 4.72	0.517
Region 4	--	-- --	3.22	2.27 - 4.55	--
Region 5	3.54	2.69 - 4.66	3.48	2.55 - 4.73	0.900

See notes at end of table.

(continued)

Table 5 *Illicit Drug Use Other Than Marijuana in the Past Month* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	<i>P</i>Value
Washington¹	3.98	3.37 - 4.69	4.36	3.56 - 5.33	0.392
Region 1	--	-- --	4.14	3.15 - 5.43	--
East 1 (previously Region 1)	4.00	3.02 - 5.27	4.16	3.00 - 5.76	0.785
East 2 (previously Region 2)	3.86	2.85 - 5.19	4.11	2.91 - 5.79	0.684
Region 2	--	-- --	4.51	3.55 - 5.73	--
North 1 (previously Region 3)	4.24	3.23 - 5.54	4.31	3.15 - 5.86	0.921
North 2 (previously Region 4)	3.76	2.90 - 4.87	4.63	3.49 - 6.13	0.176
Region 3	--	-- --	4.29	3.33 - 5.51	--
West 1 (previously Region 5)	4.20	3.19 - 5.51	4.37	3.22 - 5.89	0.805
West 2 (previously Region 6)	3.96	2.99 - 5.23	4.22	3.06 - 5.79	0.701
West Virginia¹	3.82	3.21 - 4.54	3.22	2.62 - 3.95	0.104
Region I	3.43	2.55 - 4.61	2.95	2.05 - 4.22	0.346
Region II	--	-- --	3.20	2.29 - 4.48	--
Region III	3.69 ^b	2.70 - 5.03	2.81	2.00 - 3.94	0.082
Region IV	--	-- --	4.16	3.17 - 5.44	--
Region V	--	-- --	3.15	2.36 - 4.20	--
Region VI	--	-- --	2.56	1.79 - 3.65	--
Wisconsin	3.73	3.14 - 4.42	3.18	2.57 - 3.93	0.124
Milwaukee	3.88	2.91 - 5.15	3.44	2.49 - 4.74	0.427
Northeastern	3.67	2.79 - 4.82	2.88	2.11 - 3.93	0.120
Northern	3.27	2.39 - 4.45	3.08	2.16 - 4.39	0.713
Southeastern	3.84	2.85 - 5.15	3.19	2.31 - 4.37	0.226
Southern	--	-- --	3.34	2.48 - 4.49	--
Western	--	-- --	3.18	2.26 - 4.44	--

See notes at end of table.

(continued)

Table 5 Illicit Drug Use Other Than Marijuana in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Wyoming	3.76 ^a	3.16 - 4.47	2.81	2.22 - 3.55	0.011
Judicial District 1 (Laramie)	3.62 ^b	2.69 - 4.86	2.68	1.86 - 3.84	0.084
Judicial District 2	4.69 ^a	3.58 - 6.12	3.30	2.39 - 4.54	0.019
Judicial District 3	3.74 ^a	2.82 - 4.96	2.64	1.87 - 3.70	0.030
Judicial District 4	3.78 ^a	2.81 - 5.07	2.40	1.64 - 3.49	0.010
Judicial District 5	3.18	2.35 - 4.29	2.50	1.72 - 3.62	0.168
Judicial District 6	3.63	2.72 - 4.83	2.95	2.08 - 4.16	0.189
Judicial District 7 (Natrona)	4.02	3.02 - 5.35	3.21	2.25 - 4.56	0.178
Judicial District 8	3.57 ^b	2.62 - 4.84	2.66	1.83 - 3.86	0.091
Judicial District 9	3.64	2.68 - 4.94	2.82	1.94 - 4.08	0.129

ECBH = East Carolina Behavioral Health; SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2002-2004 and 2010-2012); hence, the 2002-2004 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2010-2012 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=34>.

NOTE: Substate, State, and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques, with their *p* values being the Bayes posterior probability of no change between the 2002-2004 and 2010-2012 estimates. The "Total U.S." estimates, along with the 95 percent confidence intervals and *p* values, are based on design-based (direct) estimation methods.

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

^a Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.10 level.

¹ Names of some of the substate regions for this State have changed across the two time periods (2002-2004 vs. 2010-2012). For details, see the methodology write-up for comparing estimates located below the tables.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2004, 2010, 2011, and 2012 (2010 Data - Revised March 2012).

Table 6 Cocaine Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Total United States	2.46 ^a	2.35 - 2.57	1.68	1.60 - 1.77	0.000
Northeast	2.47 ^a	2.27 - 2.68	1.96	1.76 - 2.18	0.000
Midwest	2.45 ^a	2.30 - 2.61	1.41	1.27 - 1.56	0.000
South	2.37 ^a	2.22 - 2.52	1.52	1.39 - 1.67	0.000
West	2.61 ^a	2.40 - 2.84	1.97	1.77 - 2.19	0.000
Alabama	2.21 ^a	1.73 - 2.82	1.06	0.73 - 1.55	0.000
Region 1	1.93 ^a	1.39 - 2.68	1.15	0.73 - 1.79	0.012
Region 2	2.52 ^a	1.83 - 3.46	1.10	0.70 - 1.72	0.000
Region 3	2.38 ^a	1.65 - 3.43	0.90	0.56 - 1.44	0.000
Region 4	1.97 ^a	1.37 - 2.81	1.04	0.66 - 1.63	0.004
Alaska	2.57 ^a	2.01 - 3.28	1.77	1.34 - 2.34	0.020
Anchorage	--	-- --	2.00	1.46 - 2.75	--
Northern	--	-- --	1.60	1.08 - 2.36	--
South Central	--	-- --	1.55	1.05 - 2.28	--
Southeast	2.80 ^a	1.93 - 4.05	1.81	1.21 - 2.69	0.033
Arizona	3.48 ^a	2.77 - 4.35	2.02	1.52 - 2.68	0.000
Maricopa	3.42 ^a	2.65 - 4.41	2.05	1.48 - 2.83	0.003
Pima	4.28 ^a	3.09 - 5.91	2.30	1.59 - 3.31	0.001
Rural North	2.94 ^a	2.10 - 4.12	1.93	1.30 - 2.86	0.031
Rural South	3.16 ^a	2.21 - 4.51	1.66	1.08 - 2.54	0.001
Arkansas¹	1.96 ^a	1.54 - 2.49	1.24	0.88 - 1.74	0.002
Catchment Area 1	--	-- --	1.24	0.81 - 1.88	--
Catchment Area 2	1.55 ^a	1.08 - 2.21	1.03	0.66 - 1.62	0.043
Catchment Area 3	2.09 ^a	1.45 - 3.00	1.11	0.70 - 1.75	0.003
Catchment Area 4	--	-- --	1.12	0.73 - 1.73	--
Catchment Area 5	--	-- --	1.15	0.74 - 1.79	--
Catchment Area 6	--	-- --	1.66	1.00 - 2.73	--
Catchment Area 7	--	-- --	1.05	0.67 - 1.66	--
Catchment Area 8	2.24 ^a	1.60 - 3.15	1.49	0.97 - 2.29	0.047

See notes at end of table.

(continued)

Table 6 Cocaine Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
California	2.58 ^a	2.26 - 2.94	2.03	1.72 - 2.38	0.011
Region 1R	--	-- --	2.13	1.53 - 2.95	--
Region 2R	--	-- --	2.05	1.47 - 2.84	--
Region 3R (Sacramento)	--	-- --	1.93	1.37 - 2.71	--
Region 4R	--	-- --	1.89	1.39 - 2.57	--
Region 5R (San Francisco)	--	-- --	3.52	2.51 - 4.91	--
Region 6 (Santa Clara)	2.18 ^a	1.61 - 2.95	1.39	0.99 - 1.94	0.013
Region 7R (Contra Costa)	--	-- --	1.80	1.29 - 2.52	--
Region 8R (Alameda)	--	-- --	2.09	1.52 - 2.87	--
Region 9R (San Mateo)	--	-- --	1.59	1.11 - 2.28	--
Region 10	2.69	2.00 - 3.60	2.28	1.66 - 3.12	0.309
Region 11 (Los Angeles)	2.53	2.04 - 3.13	2.05	1.67 - 2.51	0.127
LA SPA 1 and 5	--	-- --	2.40	1.69 - 3.41	--
LA SPA 2	--	-- --	1.90	1.36 - 2.63	--
LA SPA 3	--	-- --	1.69	1.22 - 2.34	--
LA SPA 4	--	-- --	2.58	1.84 - 3.62	--
LA SPA 6	--	-- --	2.23	1.59 - 3.13	--
LA SPA 7	--	-- --	1.88	1.34 - 2.63	--
LA SPA 8	--	-- --	2.05	1.50 - 2.81	--
Region 12R	--	-- --	1.91	1.35 - 2.70	--
Regions 13 and 19R	--	-- --	1.70	1.26 - 2.29	--
Region 13 (Riverside)	2.18	1.63 - 2.92	1.68	1.22 - 2.31	0.121
Region 19R (Imperial)	--	-- --	1.97	1.39 - 2.80	--
Region 14 (Orange)	2.18	1.65 - 2.87	1.91	1.46 - 2.50	0.413
Region 15R (Fresno)	--	-- --	2.04	1.42 - 2.92	--
Region 16R (San Diego)	--	-- --	2.20	1.64 - 2.95	--
Region 17R	--	-- --	2.44	1.75 - 3.39	--
Region 18R (San Bernardino)	--	-- --	2.00	1.47 - 2.71	--
Region 20R	--	-- --	1.88	1.34 - 2.63	--
Region 21R	--	-- --	2.25	1.63 - 3.10	--
Colorado	3.67 ^a	2.94 - 4.59	2.76	2.15 - 3.53	0.030
Region 1	3.51	2.59 - 4.75	3.00	2.15 - 4.18	0.378
Regions 2 and 7	4.01 ^b	3.09 - 5.18	2.95	2.23 - 3.90	0.058
Region 3	3.24	2.27 - 4.60	2.44	1.68 - 3.54	0.144
Region 4	3.00	2.09 - 4.31	2.37	1.54 - 3.65	0.242
Regions 5 and 6	3.09 ^a	2.16 - 4.39	2.08	1.42 - 3.04	0.034
Connecticut	2.14	1.65 - 2.76	1.89	1.44 - 2.50	0.397
Eastern	2.31	1.65 - 3.24	1.78	1.21 - 2.61	0.157
North Central	2.03	1.40 - 2.92	2.02	1.43 - 2.84	0.972
Northwestern	2.12	1.51 - 2.99	1.71	1.15 - 2.52	0.268
South Central	2.21	1.58 - 3.09	2.04	1.46 - 2.86	0.665
Southwest	2.10	1.45 - 3.04	1.78	1.19 - 2.64	0.406

See notes at end of table.

(continued)

Table 6 Cocaine Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Delaware	2.63 ^a	2.10 - 3.29	1.81	1.37 - 2.40	0.007
Kent	2.43 ^a	1.72 - 3.42	1.63	1.11 - 2.41	0.036
New Castle (excluding Wilmington City)	2.75 ^b	2.13 - 3.54	2.06	1.51 - 2.81	0.079
Sussex	2.25 ^a	1.56 - 3.23	1.25	0.85 - 1.84	0.004
Wilmington City	3.15	2.05 - 4.82	2.17	1.39 - 3.37	0.130
District of Columbia	3.23	2.43 - 4.28	2.98	2.26 - 3.92	0.640
Ward 1	3.32	2.18 - 5.02	3.71	2.56 - 5.35	0.647
Ward 2	3.70	2.54 - 5.36	3.92	2.76 - 5.54	0.792
Ward 3	2.86	1.91 - 4.26	3.24	2.29 - 4.55	0.573
Ward 4	2.97	1.85 - 4.72	2.34	1.55 - 3.54	0.393
Ward 5	3.43	2.12 - 5.53	2.50	1.66 - 3.75	0.278
Ward 6	3.46	2.20 - 5.38	3.39	2.29 - 4.97	0.939
Ward 7	3.33	1.98 - 5.55	2.29	1.42 - 3.67	0.240
Ward 8	2.76	1.66 - 4.55	2.21	1.38 - 3.51	0.463
Florida¹	2.61 ^a	2.27 - 2.99	1.79	1.50 - 2.14	0.000
Region A - Northwest	--	-- --	2.17	1.70 - 2.79	--
Circuit 1	2.77 ^b	2.07 - 3.71	2.04	1.47 - 2.83	0.074
Circuit 2	--	-- --	2.70	1.95 - 3.74	--
Circuit 14	--	-- --	1.78	1.24 - 2.55	--
Region B - Northeast	--	-- --	1.93	1.51 - 2.46	--
Circuits 3 and 8	--	-- --	2.09	1.52 - 2.87	--
Circuit 4	--	-- --	2.06	1.46 - 2.90	--
Circuit 7	--	-- --	1.66	1.20 - 2.30	--
Region C - Central	--	-- --	1.65	1.34 - 2.04	--
Circuit 5	1.85 ^a	1.33 - 2.56	1.21	0.85 - 1.73	0.031
Circuit 9	--	-- --	2.25	1.68 - 3.01	--
Circuit 10	2.24 ^a	1.66 - 3.03	1.42	1.03 - 1.96	0.011
Circuit 18	--	-- --	1.69	1.23 - 2.32	--
Circuit 19	2.32 ^a	1.69 - 3.19	1.27	0.89 - 1.80	0.001
Region D - Southeast	--	-- --	1.67	1.30 - 2.13	--
Circuit 15 (Palm Beach)	2.80 ^a	2.08 - 3.77	1.71	1.26 - 2.33	0.007
Circuit 17 (Broward)	2.95 ^a	2.25 - 3.87	1.63	1.21 - 2.20	0.001
Region E - Sun Coast	--	-- --	1.96	1.57 - 2.44	--
Circuit 6	--	-- --	2.38	1.73 - 3.28	--
Circuit 12	--	-- --	1.91	1.36 - 2.67	--
Circuit 13 (Hillsborough)	--	-- --	1.91	1.42 - 2.56	--
Circuit 20	2.06	1.50 - 2.84	1.55	1.11 - 2.15	0.124
Region F - Southern (Circuits 11 and 16)	2.57 ^a	1.92 - 3.44	1.56	1.20 - 2.04	0.005
Georgia	2.32 ^a	1.81 - 2.96	1.58	1.15 - 2.18	0.008
Region 1	--	-- --	1.36	0.91 - 2.02	--
Region 2	--	-- --	1.75	1.13 - 2.71	--
Region 3	--	-- --	1.72	1.16 - 2.55	--
Region 4	--	-- --	1.77	1.13 - 2.77	--
Region 5	--	-- --	1.51	0.98 - 2.32	--
Region 6	--	-- --	1.53	0.99 - 2.35	--

See notes at end of table.

(continued)

Table 6 Cocaine Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Hawaii	1.96	1.49 - 2.58	1.59	1.15 - 2.19	0.224
Hawaii Island	1.92	1.29 - 2.85	1.88	1.21 - 2.91	0.923
Honolulu	1.99	1.48 - 2.68	1.61	1.15 - 2.27	0.275
Kauai and Maui	1.87 ^b	1.27 - 2.74	1.26	0.84 - 1.88	0.053
Kauai	--	-- --	1.41	0.87 - 2.27	--
Maui	--	-- --	1.19	0.77 - 1.84	--
Idaho	1.60 ^a	1.23 - 2.09	1.08	0.77 - 1.52	0.011
Region 1	1.58 ^a	1.10 - 2.27	0.82	0.52 - 1.29	0.001
Region 2	1.81 ^a	1.24 - 2.63	1.20	0.78 - 1.87	0.032
Region 3	1.57 ^b	1.09 - 2.27	1.08	0.69 - 1.70	0.071
Region 4	1.63	1.15 - 2.32	1.25	0.82 - 1.91	0.190
Region 5	1.50 ^b	1.05 - 2.16	1.03	0.66 - 1.61	0.064
Region 6	1.58 ^a	1.08 - 2.30	1.00	0.64 - 1.56	0.025
Region 7	1.56 ^a	1.08 - 2.24	1.01	0.65 - 1.57	0.029
Illinois	2.54 ^a	2.19 - 2.95	1.80	1.50 - 2.15	0.001
Region I (Cook)	2.85 ^b	2.29 - 3.54	2.21	1.74 - 2.79	0.078
Region II	2.27 ^a	1.84 - 2.80	1.42	1.11 - 1.82	0.001
Region III	2.39	1.86 - 3.06	1.84	1.39 - 2.44	0.107
Region IV	2.28 ^a	1.75 - 2.95	1.48	1.06 - 2.07	0.016
Region V	2.36 ^a	1.82 - 3.06	1.50	1.09 - 2.06	0.009
Indiana	2.41 ^a	1.91 - 3.04	1.06	0.73 - 1.53	0.000
Central	2.75 ^a	1.97 - 3.83	1.07	0.68 - 1.70	0.000
East	2.28 ^a	1.63 - 3.18	1.04	0.64 - 1.67	0.000
North Central	2.18 ^a	1.57 - 3.03	0.97	0.61 - 1.53	0.000
Northeast	2.33 ^a	1.66 - 3.25	0.98	0.61 - 1.55	0.000
Northwest	2.44 ^a	1.71 - 3.46	1.03	0.63 - 1.67	0.000
Southeast	2.05 ^a	1.45 - 2.89	1.02	0.64 - 1.62	0.000
Southwest	2.13 ^a	1.49 - 3.04	1.04	0.63 - 1.71	0.001
West	2.66 ^a	1.92 - 3.68	1.33	0.85 - 2.07	0.000
Iowa	2.07 ^a	1.65 - 2.61	1.10	0.79 - 1.52	0.000
Central	2.08 ^a	1.49 - 2.90	1.01	0.64 - 1.58	0.000
North Central	2.20 ^a	1.56 - 3.08	1.33	0.85 - 2.06	0.009
Northeast	2.19 ^a	1.59 - 3.01	1.05	0.70 - 1.57	0.000
Northwest	1.77 ^a	1.27 - 2.47	0.92	0.60 - 1.42	0.001
Southeast	2.22 ^a	1.61 - 3.07	1.26	0.85 - 1.87	0.002
Southwest	1.80 ^a	1.25 - 2.57	1.01	0.65 - 1.59	0.004
Kansas	2.04 ^a	1.60 - 2.61	1.36	1.00 - 1.86	0.003
Kansas City Metro	2.14 ^a	1.57 - 2.91	1.39	0.96 - 2.02	0.017
Northeast	1.88 ^a	1.34 - 2.64	1.22	0.81 - 1.85	0.023
South Central	1.82 ^a	1.28 - 2.60	1.24	0.81 - 1.89	0.039
Southeast	1.89 ^a	1.33 - 2.68	1.22	0.79 - 1.89	0.021
West	1.90 ^a	1.32 - 2.72	1.22	0.81 - 1.83	0.014
Wichita (Sedgwick)	2.39 ^b	1.68 - 3.41	1.70	1.10 - 2.63	0.092

See notes at end of table.

(continued)

Table 6 Cocaine Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Kentucky	2.54 ^a	2.03 - 3.17	1.29	0.93 - 1.79	0.000
Adanta, Cumberland River, and Lifeskills	2.19 ^a	1.61 - 2.98	1.28	0.83 - 1.95	0.006
Bluegrass, Comprehend, and North Key	2.80 ^a	2.05 - 3.82	1.37	0.91 - 2.05	0.000
Communicare and River Valley	2.39 ^a	1.70 - 3.34	1.14	0.74 - 1.75	0.000
Four Rivers and Pennyroyal	2.25 ^a	1.57 - 3.21	1.36	0.88 - 2.11	0.012
Kentucky River, Mountain, and Pathways	2.48 ^a	1.78 - 3.45	1.22	0.77 - 1.93	0.001
Seven Counties	2.71 ^a	1.94 - 3.77	1.27	0.83 - 1.93	0.000
Louisiana	2.58 ^a	2.04 - 3.24	1.50	1.10 - 2.04	0.000
Regions 1 and 10	--	-- --	1.98	1.37 - 2.85	--
Region 1	3.45 ^b	2.21 - 5.34	2.21	1.43 - 3.40	0.076
Region 10 (Jefferson)	2.33	1.56 - 3.47	1.75	1.17 - 2.62	0.216
Regions 2 and 9	2.64 ^a	1.94 - 3.58	1.36	0.92 - 2.01	0.001
Region 3	2.69 ^a	1.88 - 3.84	1.39	0.91 - 2.13	0.001
Regions 4, 5, and 6	--	-- --	1.52	1.04 - 2.22	--
Regions 7 and 8	2.16 ^a	1.51 - 3.07	1.25	0.83 - 1.87	0.007
Maine¹	2.43 ^a	1.96 - 3.02	1.81	1.38 - 2.35	0.017
Aroostook/Downeast	--	-- --	1.78	1.25 - 2.53	--
Aroostook	--	-- --	1.79	1.17 - 2.73	--
Downeast	--	-- --	1.77	1.18 - 2.63	--
Central	--	-- --	1.61	1.08 - 2.41	--
Cumberland	2.94	2.18 - 3.95	2.58	1.83 - 3.61	0.454
Midcoast	2.06 ^b	1.46 - 2.90	1.47	0.98 - 2.21	0.079
Penquis	--	-- --	1.98	1.36 - 2.86	--
Western	--	-- --	1.53	1.05 - 2.23	--
York	2.06 ^a	1.48 - 2.86	1.27	0.86 - 1.86	0.012
Maryland	2.02 ^a	1.52 - 2.68	1.39	0.98 - 1.96	0.022
Anne Arundel	2.03	1.38 - 2.98	1.45	0.92 - 2.26	0.105
Baltimore City	3.52 ^b	2.16 - 5.67	2.10	1.29 - 3.39	0.072
Baltimore County	--	-- --	1.43	0.91 - 2.24	--
Montgomery	1.41	0.94 - 2.11	1.12	0.74 - 1.69	0.288
North Central	--	-- --	1.27	0.80 - 2.00	--
Northeast	--	-- --	1.42	0.90 - 2.24	--
Prince George's	1.83 ^b	1.14 - 2.94	1.11	0.69 - 1.76	0.066
South	--	-- --	1.44	0.91 - 2.25	--
West	--	-- --	1.44	0.92 - 2.24	--

See notes at end of table.

(continued)

Table 6 Cocaine Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Massachusetts	2.78 ^a	2.22 - 3.48	2.06	1.58 - 2.66	0.018
Boston	3.70	2.62 - 5.19	3.09	2.17 - 4.39	0.358
Central	2.61	1.89 - 3.60	2.25	1.55 - 3.25	0.409
Metrowest	2.51 ^b	1.81 - 3.49	1.84	1.30 - 2.60	0.092
Northeast	2.50 ^b	1.80 - 3.48	1.79	1.24 - 2.57	0.074
Southeast	2.95 ^a	2.15 - 4.04	1.85	1.27 - 2.68	0.014
Western	2.76 ^b	1.99 - 3.82	1.98	1.37 - 2.86	0.084
Michigan¹	2.56 ^a	2.24 - 2.93	1.33	1.10 - 1.62	0.000
Detroit City	3.53 ^a	2.40 - 5.16	1.63	1.04 - 2.53	0.005
Genesee	2.88 ^a	2.10 - 3.93	1.29	0.90 - 1.83	0.000
Kalamazoo	--	-- --	1.23	0.89 - 1.69	--
Kent	2.63 ^a	1.98 - 3.48	1.44	1.04 - 1.98	0.001
Lakeshore	--	-- --	1.23	0.89 - 1.70	--
Macomb	2.39 ^a	1.80 - 3.16	1.13	0.82 - 1.56	0.000
Mid South	--	-- --	1.41	1.03 - 1.94	--
Northern	2.23 ^a	1.71 - 2.92	1.33	0.98 - 1.81	0.002
Oakland	2.47 ^a	1.89 - 3.23	1.27	0.95 - 1.70	0.000
Pathways and Western	--	-- --	1.16	0.82 - 1.64	--
Riverhaven	2.26 ^a	1.66 - 3.06	1.34	0.95 - 1.89	0.004
Saginaw	2.57 ^a	1.86 - 3.54	1.46	1.00 - 2.13	0.005
Southeast	2.51 ^a	1.96 - 3.21	1.47	1.06 - 2.02	0.003
St. Clair	2.28 ^a	1.71 - 3.04	1.11	0.78 - 1.59	0.000
Washtenaw	2.45 ^a	1.85 - 3.23	1.34	0.98 - 1.83	0.000
Minnesota	2.39 ^a	1.90 - 3.00	1.28	0.94 - 1.74	0.000
Regions 1 and 2	2.40 ^a	1.71 - 3.36	1.20	0.78 - 1.86	0.000
Regions 3 and 4	2.32 ^a	1.71 - 3.15	1.09	0.72 - 1.65	0.000
Regions 5 and 6	2.18 ^a	1.60 - 2.97	1.27	0.85 - 1.90	0.004
Region 7A (Hennepin)	2.74 ^a	1.94 - 3.86	1.70	1.16 - 2.48	0.012
Region 7B (Ramsey)	2.68 ^a	1.86 - 3.83	1.41	0.91 - 2.17	0.001
Region 7C	2.09 ^a	1.52 - 2.87	0.98	0.65 - 1.48	0.000
Mississippi	1.90	1.42 - 2.54	1.47	1.05 - 2.06	0.122
Region 1	1.61	1.10 - 2.37	1.48	0.98 - 2.24	0.680
Region 2	2.04	1.27 - 3.27	1.51	0.93 - 2.45	0.285
Region 3	1.76	1.18 - 2.61	1.37	0.89 - 2.11	0.286
Region 4	1.97	1.32 - 2.92	1.54	1.00 - 2.36	0.272
Region 5	1.83	1.11 - 2.99	1.28	0.80 - 2.04	0.187
Region 6	2.17 ^b	1.45 - 3.24	1.42	0.92 - 2.19	0.056
Region 7	2.08	1.44 - 3.00	1.56	1.03 - 2.34	0.150

See notes at end of table.

(continued)

Table 6 Cocaine Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Missouri	2.85 ^a	2.28 - 3.55	1.25	0.91 - 1.73	0.000
Central	3.08 ^a	2.23 - 4.24	1.24	0.81 - 1.87	0.000
Eastern	2.93 ^a	2.18 - 3.92	1.35	0.92 - 1.97	0.000
Eastern (St. Louis City and County)	3.04 ^a	2.12 - 4.35	1.54	1.00 - 2.37	0.004
Eastern (excluding St. Louis)	2.70 ^a	1.96 - 3.69	1.01	0.65 - 1.57	0.000
Northwest	3.06 ^a	2.31 - 4.03	1.23	0.85 - 1.78	0.000
Northwest (Jackson)	3.44 ^a	2.45 - 4.79	1.49	0.96 - 2.32	0.000
Northwest (excluding Jackson)	2.71 ^a	1.94 - 3.79	1.01	0.65 - 1.55	0.000
Southeast	2.53 ^a	1.78 - 3.58	1.08	0.69 - 1.67	0.000
Southwest	2.36 ^a	1.70 - 3.26	1.23	0.81 - 1.87	0.001
Montana	2.39 ^a	1.93 - 2.95	1.51	1.15 - 1.98	0.000
Region 1	1.91 ^a	1.33 - 2.72	1.11	0.73 - 1.67	0.005
Region 2	2.34 ^a	1.65 - 3.31	1.43	0.95 - 2.14	0.008
Region 3	2.18 ^a	1.56 - 3.04	1.41	0.97 - 2.04	0.019
Region 4	2.47 ^a	1.87 - 3.26	1.57	1.10 - 2.22	0.007
Region 5	2.62 ^a	1.97 - 3.46	1.68	1.21 - 2.31	0.007
Nebraska	2.09 ^a	1.64 - 2.65	1.39	1.05 - 1.85	0.003
Regions 1 and 2	1.67 ^b	1.16 - 2.40	1.24	0.86 - 1.80	0.093
Region 1	--	-- --	1.30	0.84 - 2.03	--
Region 2	--	-- --	1.19	0.78 - 1.81	--
Region 3	1.82 ^a	1.27 - 2.61	1.14	0.75 - 1.71	0.009
Region 4	1.63 ^a	1.13 - 2.34	1.09	0.71 - 1.65	0.033
Region 5	2.08 ^a	1.53 - 2.81	1.46	1.02 - 2.08	0.045
Region 6	2.45 ^a	1.78 - 3.35	1.56	1.10 - 2.19	0.011
Nevada¹	2.07	1.58 - 2.69	1.63	1.20 - 2.22	0.125
Clark – Region 1	2.04	1.51 - 2.75	1.56	1.11 - 2.21	0.146
Region 3	1.77	1.24 - 2.54	1.38	0.95 - 2.01	0.177
Capital District	--	-- --	1.50	0.98 - 2.28	--
Rural/Frontier	--	-- --	1.28	0.82 - 1.99	--
Washoe – Region 2	2.44	1.74 - 3.42	2.15	1.50 - 3.07	0.474
New Hampshire	2.89 ^a	2.33 - 3.58	1.99	1.54 - 2.56	0.003
Central	2.83	2.17 - 3.68	2.23	1.66 - 2.99	0.107
Central 1	3.11	2.28 - 4.23	2.43	1.72 - 3.42	0.162
Central 2	2.56	1.84 - 3.55	2.03	1.40 - 2.95	0.217
Northern	2.75 ^a	2.03 - 3.71	1.95	1.37 - 2.77	0.050
Southern	2.95 ^a	2.31 - 3.77	1.88	1.41 - 2.49	0.002
Southern 1 (Rockingham)	2.29 ^a	1.65 - 3.18	1.56	1.11 - 2.17	0.027
Southern 2	3.35 ^a	2.53 - 4.43	2.08	1.49 - 2.89	0.005
New Jersey	2.07	1.61 - 2.66	1.98	1.48 - 2.66	0.758
Central	2.03	1.45 - 2.83	1.82	1.24 - 2.66	0.567
Metropolitan	2.03	1.40 - 2.94	2.48	1.70 - 3.61	0.339
Northern	2.05	1.49 - 2.83	1.88	1.33 - 2.67	0.639
Southern	2.21	1.54 - 3.16	1.75	1.17 - 2.61	0.272

See notes at end of table.

(continued)

Table 6 Cocaine Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
New Mexico	3.19 ^a	2.56 - 3.96	2.12	1.60 - 2.81	0.003
Region 1	2.51 ^b	1.82 - 3.45	1.74	1.19 - 2.55	0.053
Region 2	3.09 ^a	2.18 - 4.36	1.90	1.27 - 2.83	0.014
Region 3 (Bernalillo)	3.75 ^a	2.84 - 4.94	2.64	1.89 - 3.68	0.047
Region 4	3.10 ^a	2.24 - 4.29	1.70	1.16 - 2.49	0.001
Region 5	3.15 ^a	2.34 - 4.23	2.10	1.45 - 3.04	0.024
New York	2.52 ^a	2.17 - 2.93	2.06	1.74 - 2.45	0.040
Region A	2.47	2.01 - 3.03	2.35	1.89 - 2.90	0.693
Region 1	2.48	1.78 - 3.45	2.13	1.47 - 3.08	0.477
Region 2	2.26	1.65 - 3.09	2.19	1.64 - 2.93	0.865
Region 3	3.68	2.74 - 4.92	3.38	2.48 - 4.58	0.644
Region 4	1.87	1.33 - 2.62	1.91	1.41 - 2.58	0.917
Region B	--	-- --	1.79	1.45 - 2.19	--
Region 5	2.28 ^b	1.76 - 2.95	1.74	1.35 - 2.24	0.073
Region 6	2.34 ^a	1.75 - 3.14	1.63	1.17 - 2.27	0.041
Region 7	2.57	1.93 - 3.41	2.19	1.60 - 3.00	0.347
Region C	--	-- --	1.97	1.61 - 2.41	--
Region 8	2.87 ^b	2.16 - 3.79	2.09	1.54 - 2.83	0.067
Region 9	2.58 ^b	1.91 - 3.48	1.92	1.41 - 2.62	0.088
Region 10	2.68 ^a	2.04 - 3.53	1.79	1.30 - 2.46	0.011
Region 11	3.12 ^a	2.29 - 4.23	2.02	1.48 - 2.74	0.015
Region 12	2.85 ^a	2.15 - 3.77	1.94	1.41 - 2.66	0.028
Region D	2.41 ^a	1.94 - 2.99	1.76	1.38 - 2.23	0.012
Region 13	2.21	1.61 - 3.03	1.75	1.26 - 2.44	0.189
Region 14	2.42 ^b	1.77 - 3.30	1.75	1.26 - 2.44	0.056
Region 15	2.57 ^a	1.89 - 3.49	1.76	1.24 - 2.49	0.026
North Carolina	2.18 ^b	1.71 - 2.78	1.69	1.24 - 2.31	0.067
Alliance	--	-- --	1.78	1.20 - 2.63	--
Cardinal Innovations	--	-- --	1.86	1.24 - 2.78	--
CenterPoint/Guilford	--	-- --	1.62	1.11 - 2.35	--
CenterPoint	--	-- --	1.65	1.08 - 2.52	--
Guilford	--	-- --	1.58	1.01 - 2.46	--
CoastalCare	--	-- --	2.11	1.38 - 3.22	--
Eastpointe	--	-- --	1.45	0.93 - 2.26	--
ECBH	--	-- --	1.72	1.11 - 2.65	--
MeckLINK	--	-- --	1.61	1.04 - 2.48	--
Partners	--	-- --	1.58	1.04 - 2.39	--
Sandhills	--	-- --	1.42	0.91 - 2.22	--
Smoky Mountain	--	-- --	1.59	1.03 - 2.45	--
Western Highlands	--	-- --	1.67	1.11 - 2.51	--

See notes at end of table.

(continued)

Table 6 Cocaine Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
North Dakota	1.82 ^a	1.42 - 2.32	0.97	0.68 - 1.39	0.000
Badlands and West Central Lake Region and South Central	1.57 ^a	1.11 - 2.21	0.84	0.54 - 1.32	0.002
North Central and Northwest	1.48 ^a	1.02 - 2.16	0.89	0.56 - 1.43	0.014
Northeast	1.68 ^a	1.18 - 2.40	0.86	0.54 - 1.35	0.001
Southeast	1.97 ^a	1.39 - 2.77	1.26	0.83 - 1.91	0.020
Southeast	2.27 ^a	1.68 - 3.07	1.09	0.70 - 1.71	0.000
Ohio	2.34 ^a	2.03 - 2.70	1.54	1.28 - 1.85	0.000
Boards 2, 46, 55, and 68	2.00 ^b	1.47 - 2.70	1.44	1.03 - 2.01	0.059
Boards 3, 52, and 85	1.75 ^b	1.28 - 2.40	1.29	0.90 - 1.85	0.092
Boards 4 and 78	2.28 ^a	1.67 - 3.09	1.48	1.03 - 2.11	0.022
Boards 5 and 60	2.47 ^a	1.85 - 3.29	1.57	1.12 - 2.20	0.007
Boards 7, 15, 41, 79, and 84	2.18 ^a	1.62 - 2.93	1.25	0.90 - 1.74	0.002
Boards 8, 13, and 83	1.92 ^a	1.44 - 2.57	1.27	0.91 - 1.77	0.016
Board 9 (Butler)	2.25 ^a	1.67 - 3.03	1.23	0.88 - 1.71	0.000
Board 12	2.27 ^a	1.70 - 3.03	1.58	1.10 - 2.26	0.036
Boards 18 and 47	2.30 ^a	1.72 - 3.06	1.39	1.03 - 1.89	0.007
Boards 20, 32, 54, and 69	1.96 ^a	1.45 - 2.65	1.34	0.95 - 1.87	0.035
Boards 21, 39, 51, 70, and 80	1.99 ^a	1.51 - 2.63	1.20	0.84 - 1.71	0.004
Boards 22, 74, and 87	2.06 ^a	1.53 - 2.76	1.43	1.03 - 1.98	0.035
Boards 23 and 45	2.09 ^a	1.56 - 2.79	1.49	1.06 - 2.09	0.041
Board 25 (Franklin)	2.95	2.28 - 3.80	2.34	1.74 - 3.14	0.184
Boards 27, 71, and 73	1.99	1.48 - 2.67	1.54	1.08 - 2.19	0.168
Boards 28, 43, and 67	2.05 ^a	1.54 - 2.72	1.30	0.94 - 1.81	0.009
Board 31 (Hamilton)	2.71 ^b	1.95 - 3.75	1.82	1.29 - 2.56	0.058
Board 48 (Lucas)	2.36 ^a	1.68 - 3.31	1.52	1.08 - 2.13	0.029
Boards 50 and 76	2.46 ^a	1.81 - 3.33	1.35	0.96 - 1.89	0.002
Board 57 (Montgomery)	2.79 ^b	2.00 - 3.89	1.93	1.34 - 2.76	0.072
Board 77 (Summit)	2.77 ^a	2.02 - 3.79	1.41	0.99 - 1.99	0.000
Oklahoma	1.92 ^a	1.48 - 2.48	1.15	0.82 - 1.62	0.000
Central	1.89 ^a	1.33 - 2.68	1.17	0.76 - 1.80	0.008
East Central	1.51 ^a	1.02 - 2.22	0.96	0.60 - 1.55	0.033
Northeast	1.79 ^a	1.26 - 2.55	0.86	0.56 - 1.33	0.000
Northwest and Southwest	1.76 ^a	1.24 - 2.49	1.19	0.76 - 1.86	0.048
Oklahoma County	2.41 ^a	1.67 - 3.45	1.30	0.85 - 1.99	0.002
Southeast	1.71 ^a	1.20 - 2.44	1.16	0.72 - 1.85	0.050
Tulsa County	2.11 ^a	1.47 - 3.01	1.28	0.82 - 2.00	0.011
Oregon	2.27	1.78 - 2.88	1.93	1.47 - 2.54	0.237
Region 1 (Multnomah)	3.10	2.23 - 4.28	3.25	2.27 - 4.63	0.805
Region 2	1.89	1.37 - 2.61	1.56	1.08 - 2.26	0.293
Region 3	2.17	1.55 - 3.02	1.70	1.21 - 2.39	0.191
Region 4	2.07	1.47 - 2.90	1.55	1.03 - 2.32	0.141
Region 5 (Central)	--	-- --	1.53	1.01 - 2.30	--
Region 6 (Eastern)	--	-- --	1.59	1.02 - 2.46	--

See notes at end of table.

(continued)

Table 6 Cocaine Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Pennsylvania¹	2.41 ^a	2.09 - 2.77	1.72	1.42 - 2.07	0.002
Region 1 (Allegheny)	2.86	2.17 - 3.78	2.15	1.57 - 2.93	0.121
Regions 3, 8, 9, and 51	--	-- --	1.65	1.16 - 2.35	--
Regions 4, 11, 37, and 49	2.03 ^a	1.53 - 2.70	1.39	1.01 - 1.92	0.036
Regions 5, 18, 23, 24, and 46	1.87 ^b	1.43 - 2.46	1.34	0.95 - 1.87	0.063
Regions 6, 12, 16, 31, 35, 45, and 47	--	-- --	1.46	1.05 - 2.02	--
Regions 7, 13, 20, and 33	2.28 ^a	1.80 - 2.88	1.42	1.09 - 1.84	0.002
Regions 10, 15, 27, 32, 43, and 44	--	-- --	1.49	1.05 - 2.10	--
Regions 17 and 21	2.44 ^a	1.79 - 3.31	1.59	1.13 - 2.24	0.021
Regions 19, 26, 28, and 42	1.84	1.39 - 2.42	1.40	1.02 - 1.91	0.129
Regions 22, 38, 40, 41, and 48	2.40 ^a	1.80 - 3.21	1.66	1.20 - 2.31	0.046
Regions 29 and 34	2.13	1.59 - 2.86	1.74	1.26 - 2.39	0.225
Regions 30 and 50	--	-- --	1.47	1.05 - 2.05	--
Region 36 (Philadelphia)	3.46	2.57 - 4.63	2.93	2.14 - 3.99	0.409
Rhode Island	3.62 ^a	2.88 - 4.54	2.49	1.89 - 3.26	0.012
Bristol and Newport	3.68 ^a	2.59 - 5.21	1.66	1.12 - 2.46	0.000
Kent	3.27 ^a	2.34 - 4.56	2.04	1.37 - 3.03	0.029
Providence	3.67	2.80 - 4.82	2.74	2.01 - 3.72	0.102
Washington	3.74 ^b	2.74 - 5.08	2.72	1.87 - 3.92	0.088
South Carolina	2.58 ^a	2.01 - 3.30	1.72	1.26 - 2.34	0.007
Region 1	2.50 ^b	1.82 - 3.43	1.79	1.20 - 2.65	0.090
Region 2	2.52 ^a	1.85 - 3.41	1.52	1.05 - 2.21	0.009
Region 3	2.40	1.62 - 3.55	1.74	1.13 - 2.66	0.185
Region 4	2.84 ^a	1.99 - 4.04	1.85	1.26 - 2.69	0.031
South Dakota	1.70 ^a	1.30 - 2.23	0.91	0.63 - 1.31	0.000
Region 1	--	-- --	0.90	0.58 - 1.40	--
Region 2	--	-- --	0.73	0.45 - 1.18	--
Region 3	--	-- --	0.85	0.54 - 1.35	--
Region 4	--	-- --	0.81	0.50 - 1.31	--
Region 5	--	-- --	1.08	0.70 - 1.66	--
Tennessee	2.30 ^a	1.80 - 2.94	1.43	1.04 - 1.97	0.001
Region 1	2.11 ^a	1.46 - 3.02	1.40	0.92 - 2.13	0.031
Region 2	2.28 ^b	1.61 - 3.20	1.60	1.06 - 2.42	0.063
Region 3	--	-- --	1.45	0.96 - 2.20	--
Region 4 (Davidson)	3.39 ^a	2.34 - 4.87	1.86	1.22 - 2.84	0.004
Region 5	--	-- --	1.13	0.75 - 1.69	--
Region 6	2.14 ^a	1.47 - 3.12	1.31	0.83 - 2.04	0.017
Region 7 (Shelby)	2.53 ^a	1.66 - 3.84	1.50	0.95 - 2.38	0.039

See notes at end of table.

(continued)

Table 6 Cocaine Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Texas	2.44 ^a	2.14 - 2.77	1.47	1.24 - 1.75	0.000
Region 1	2.60 ^a	2.01 - 3.37	1.76	1.27 - 2.44	0.014
Region 2	2.39 ^a	1.76 - 3.25	1.25	0.85 - 1.82	0.000
Region 3	2.22 ^a	1.83 - 2.70	1.50	1.21 - 1.86	0.002
Region 3a	2.32 ^a	1.85 - 2.90	1.56	1.21 - 2.01	0.009
Region 3bc	2.05 ^a	1.54 - 2.72	1.40	1.03 - 1.89	0.027
Region 4	2.07 ^a	1.55 - 2.76	1.22	0.84 - 1.77	0.005
Region 5	2.32 ^a	1.69 - 3.16	1.21	0.85 - 1.71	0.000
Region 6	2.19 ^a	1.77 - 2.72	1.38	1.07 - 1.79	0.001
Region 6a	2.17 ^a	1.72 - 2.74	1.38	1.04 - 1.81	0.003
Region 6bc	2.38 ^a	1.75 - 3.23	1.45	1.01 - 2.08	0.004
Region 7	3.07 ^a	2.51 - 3.75	1.79	1.40 - 2.27	0.000
Region 7a	3.31 ^a	2.59 - 4.22	1.95	1.46 - 2.61	0.001
Region 7bcd	2.71 ^a	2.06 - 3.54	1.50	1.08 - 2.09	0.000
Region 8	2.78 ^a	2.17 - 3.57	1.44	1.06 - 1.96	0.000
Region 9	2.75 ^a	2.08 - 3.64	1.74	1.24 - 2.43	0.004
Region 10	2.58 ^a	1.91 - 3.49	1.46	1.04 - 2.06	0.001
Region 11	2.56 ^a	2.03 - 3.22	1.35	1.01 - 1.78	0.000
Region 11abd	2.46 ^a	1.86 - 3.25	1.40	1.00 - 1.96	0.001
Region 11c (Hidalgo)	2.76 ^a	2.03 - 3.75	1.25	0.87 - 1.80	0.000
Utah	1.90	1.45 - 2.50	1.52	1.15 - 1.99	0.116
Bear River, Northeastern, Summit, Tooele, and Wasatch	2.03 ^a	1.41 - 2.92	1.30	0.87 - 1.94	0.014
Central, Four Corners, San Juan, and Southwest	1.56	1.08 - 2.25	1.21	0.80 - 1.82	0.171
Davis County	1.64	1.10 - 2.43	1.36	0.89 - 2.07	0.346
Salt Lake County	2.04	1.45 - 2.87	1.71	1.22 - 2.38	0.348
Utah County	1.88	1.31 - 2.69	1.50	1.02 - 2.18	0.230
Weber, Morgan	1.95	1.33 - 2.84	1.63	1.08 - 2.44	0.367
Vermont	2.97 ^b	2.44 - 3.60	2.38	1.87 - 3.01	0.073
Champlain Valley	3.70 ^b	2.91 - 4.69	2.75	2.09 - 3.59	0.054
Rural Northeast	2.56	1.88 - 3.47	2.32	1.65 - 3.27	0.593
Rural Southeast	2.27	1.65 - 3.11	2.16	1.51 - 3.07	0.793
Rural Southwest	2.75 ^a	2.02 - 3.74	1.82	1.26 - 2.62	0.022
Virginia	2.34 ^a	1.83 - 3.01	1.36	1.01 - 1.83	0.000
Region 1	--	-- - --	1.43	1.00 - 2.06	--
Region 2	2.10 ^a	1.46 - 3.01	1.23	0.82 - 1.82	0.008
Region 3	2.37 ^a	1.71 - 3.28	1.37	0.93 - 2.00	0.003
Region 4	--	-- - --	1.44	0.94 - 2.19	--
Region 5	2.53 ^a	1.75 - 3.65	1.39	0.93 - 2.06	0.004

See notes at end of table.

(continued)

Table 6 Cocaine Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Washington¹	2.14	1.69 - 2.71	1.73	1.32 - 2.27	0.103
Region 1	--	-- --	1.46	1.05 - 2.04	--
East 1 (previously Region 1)	2.13 ^b	1.55 - 2.92	1.51	1.02 - 2.23	0.057
East 2 (previously Region 2)	2.08 ^a	1.46 - 2.95	1.41	0.94 - 2.10	0.038
Region 2	--	-- --	1.93	1.44 - 2.59	--
North 1 (previously Region 3)	2.19	1.56 - 3.07	1.75	1.23 - 2.49	0.198
North 2 (previously Region 4)	2.18	1.57 - 3.01	2.04	1.45 - 2.86	0.706
Region 3	--	-- --	1.63	1.18 - 2.25	--
West 1 (previously Region 5)	2.24	1.62 - 3.08	1.70	1.16 - 2.48	0.126
West 2 (previously Region 6)	1.97	1.39 - 2.78	1.56	1.06 - 2.29	0.194
West Virginia¹	2.53 ^a	2.07 - 3.09	1.54	1.15 - 2.06	0.000
Region I	2.44 ^a	1.77 - 3.35	1.10	0.72 - 1.70	0.000
Region II	--	-- --	1.40	0.92 - 2.11	--
Region III	2.27 ^a	1.64 - 3.13	1.19	0.77 - 1.83	0.002
Region IV	--	-- --	2.27	1.64 - 3.12	--
Region V	--	-- --	1.49	1.00 - 2.20	--
Region VI	--	-- --	1.22	0.80 - 1.86	--
Wisconsin	2.68 ^a	2.13 - 3.36	1.40	1.04 - 1.89	0.000
Milwaukee	3.11 ^a	2.18 - 4.43	1.66	1.07 - 2.56	0.004
Northeastern	2.61 ^a	1.90 - 3.57	1.27	0.87 - 1.86	0.000
Northern	2.31 ^a	1.62 - 3.29	1.27	0.84 - 1.93	0.002
Southeastern	2.44 ^a	1.76 - 3.37	1.36	0.91 - 2.02	0.002
Southern	--	-- --	1.52	1.05 - 2.18	--
Western	--	-- --	1.30	0.86 - 1.94	--

See notes at end of table.

(continued)

Table 6 Cocaine Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Wyoming	2.14 ^a	1.72 - 2.67	1.19	0.86 - 1.65	0.000
Judicial District 1 (Laramie)	2.27 ^a	1.63 - 3.15	1.26	0.82 - 1.94	0.002
Judicial District 2	2.93 ^a	2.16 - 3.96	1.90	1.25 - 2.87	0.032
Judicial District 3	1.85 ^a	1.33 - 2.56	0.99	0.63 - 1.55	0.002
Judicial District 4	1.84 ^a	1.30 - 2.60	1.04	0.66 - 1.64	0.005
Judicial District 5	1.70 ^a	1.19 - 2.41	0.93	0.59 - 1.46	0.002
Judicial District 6	1.94 ^a	1.38 - 2.71	1.14	0.73 - 1.79	0.007
Judicial District 7 (Natrona)	2.66 ^a	1.90 - 3.72	1.35	0.88 - 2.05	0.000
Judicial District 8	1.68 ^a	1.18 - 2.38	0.98	0.63 - 1.52	0.005
Judicial District 9	2.04 ^a	1.43 - 2.92	1.06	0.67 - 1.68	0.001

ECBH = East Carolina Behavioral Health; SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2002-2004 and 2010-2012); hence, the 2002-2004 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2010-2012 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=34>.

NOTE: Substate, State, and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques, with their *p* values being the Bayes posterior probability of no change between the 2002-2004 and 2010-2012 estimates. The "Total U.S." estimates, along with the 95 percent confidence intervals and *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.10 level.

¹ Names of some of the substate regions for this State have changed across the two time periods (2002-2004 vs. 2010-2012). For details, see the methodology write-up for comparing estimates located below the tables.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2004, 2010, 2011, and 2012 (2010 Data - Revised March 2012).

Table 7 Nonmedical Use of Pain Relievers in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Total United States	4.76	4.61 - 4.92	4.63	4.49 - 4.78	0.219
Northeast	4.13	3.86 - 4.41	4.19	3.92 - 4.48	0.716
Midwest	4.57	4.35 - 4.80	4.65	4.43 - 4.88	0.565
South	4.84 ^a	4.63 - 5.07	4.45	4.23 - 4.67	0.005
West	5.36	5.02 - 5.73	5.24	4.92 - 5.59	0.601
Alabama	5.05	4.30 - 5.93	4.92	4.13 - 5.84	0.770
Region 1	4.77	3.75 - 6.06	4.58	3.49 - 5.99	0.754
Region 2	5.47	4.38 - 6.81	5.27	4.14 - 6.69	0.772
Region 3	4.87	3.72 - 6.36	4.25	3.20 - 5.64	0.343
Region 4	4.94	3.90 - 6.23	5.36	4.15 - 6.90	0.520
Alaska	5.43	4.53 - 6.49	5.21	4.40 - 6.16	0.693
Anchorage	--	-- --	5.81	4.68 - 7.20	--
Northern	--	-- --	5.00	3.85 - 6.48	--
South Central	--	-- --	4.75	3.61 - 6.21	--
Southeast	5.41	4.00 - 7.28	4.47	3.31 - 6.01	0.186
Arizona	5.63	4.72 - 6.70	5.70	4.77 - 6.80	0.902
Maricopa	5.40	4.39 - 6.62	6.07	4.93 - 7.46	0.348
Pima	6.49	4.91 - 8.53	5.89	4.42 - 7.81	0.483
Rural North	5.40	4.02 - 7.24	4.66	3.40 - 6.37	0.317
Rural South	5.83	4.20 - 8.04	4.72	3.41 - 6.51	0.159
Arkansas¹	5.15	4.35 - 6.08	5.74	4.85 - 6.78	0.235
Catchment Area 1	--	-- --	5.45	4.16 - 7.11	--
Catchment Area 2	4.78	3.56 - 6.38	5.59	4.15 - 7.50	0.288
Catchment Area 3	5.60	4.29 - 7.28	5.66	4.23 - 7.53	0.942
Catchment Area 4	--	-- --	5.92	4.37 - 7.96	--
Catchment Area 5	--	-- --	5.85	4.49 - 7.60	--
Catchment Area 6	--	-- --	5.73	4.23 - 7.71	--
Catchment Area 7	--	-- --	5.16	3.85 - 6.89	--
Catchment Area 8	5.36	4.13 - 6.92	6.20	4.79 - 7.99	0.289

See notes at end of table.

(continued)

Table 7 Nonmedical Use of Pain Relievers in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
California	5.11	4.59 - 5.68	5.03	4.55 - 5.56	0.819
Region 1R	--	-- --	5.71	4.41 - 7.36	--
Region 2R	--	-- --	5.97	4.61 - 7.69	--
Region 3R (Sacramento)	--	-- --	5.23	4.02 - 6.77	--
Region 4R	--	-- --	5.66	4.42 - 7.23	--
Region 5R (San Francisco)	--	-- --	5.47	4.10 - 7.27	--
Region 6 (Santa Clara)	4.77	3.60 - 6.30	4.49	3.46 - 5.82	0.660
Region 7R (Contra Costa)	--	-- --	4.75	3.65 - 6.16	--
Region 8R (Alameda)	--	-- --	4.95	3.75 - 6.50	--
Region 9R (San Mateo)	--	-- --	4.28	3.13 - 5.81	--
Region 10	5.19	3.94 - 6.79	5.48	4.26 - 7.02	0.672
Region 11 (Los Angeles)	4.82	4.06 - 5.72	4.81	4.19 - 5.52	0.986
LA SPA 1 and 5	--	-- --	5.18	3.96 - 6.74	--
LA SPA 2	--	-- --	4.91	3.83 - 6.29	--
LA SPA 3	--	-- --	4.21	3.19 - 5.54	--
LA SPA 4	--	-- --	4.91	3.71 - 6.47	--
LA SPA 6	--	-- --	5.06	3.82 - 6.67	--
LA SPA 7	--	-- --	4.96	3.77 - 6.50	--
LA SPA 8	--	-- --	4.76	3.68 - 6.15	--
Region 12R	--	-- --	5.59	4.25 - 7.33	--
Regions 13 and 19R	--	-- --	5.17	4.15 - 6.42	--
Region 13 (Riverside)	4.47	3.30 - 6.04	5.17	4.10 - 6.51	0.290
Region 19R (Imperial)	--	-- --	5.12	3.82 - 6.84	--
Region 14 (Orange)	5.31 ^b	4.20 - 6.69	4.29	3.41 - 5.40	0.089
Region 15R (Fresno)	--	-- --	5.29	4.05 - 6.88	--
Region 16R (San Diego)	--	-- --	5.32	4.30 - 6.56	--
Region 17R	--	-- --	5.13	3.99 - 6.58	--
Region 18R (San Bernardino)	--	-- --	4.78	3.77 - 6.04	--
Region 20R	--	-- --	5.69	4.40 - 7.33	--
Region 21R	--	-- --	5.62	4.28 - 7.34	--
Colorado	6.08	5.06 - 7.27	5.55	4.70 - 6.56	0.347
Region 1	5.94	4.49 - 7.82	5.93	4.54 - 7.71	0.994
Regions 2 and 7	6.12	4.91 - 7.61	5.69	4.63 - 6.98	0.545
Region 3	5.86	4.34 - 7.88	5.17	3.96 - 6.72	0.364
Region 4	6.86 ^a	4.87 - 9.58	4.89	3.55 - 6.70	0.031
Regions 5 and 6	5.83	4.29 - 7.88	5.24	3.91 - 6.98	0.450
Connecticut	4.13	3.42 - 4.99	4.13	3.39 - 5.02	0.999
Eastern	4.99	3.72 - 6.66	4.13	3.07 - 5.53	0.204
North Central	3.57	2.69 - 4.72	4.01	3.03 - 5.29	0.433
Northwestern	4.78	3.59 - 6.35	4.36	3.20 - 5.91	0.533
South Central	4.02	3.08 - 5.24	4.40	3.35 - 5.77	0.537
Southwest	3.98	2.90 - 5.43	3.78	2.74 - 5.19	0.735

See notes at end of table.

(continued)

Table 7 Nonmedical Use of Pain Relievers in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Delaware	5.13	4.35 - 6.05	5.28	4.45 - 6.26	0.767
Kent	5.52	4.19 - 7.24	5.26	4.05 - 6.82	0.728
New Castle (excluding Wilmington City)	5.22	4.29 - 6.33	5.37	4.38 - 6.58	0.801
Sussex	4.92	3.67 - 6.58	4.99	3.80 - 6.53	0.927
Wilmington City	4.48	3.23 - 6.17	5.56	4.05 - 7.58	0.166
District of Columbia	3.19 ^a	2.49 - 4.08	4.50	3.73 - 5.41	0.004
Ward 1	3.40 ^a	2.30 - 4.99	5.26	3.83 - 7.19	0.019
Ward 2	3.90 ^b	2.70 - 5.60	5.39	4.03 - 7.17	0.077
Ward 3	3.80	2.70 - 5.32	4.54	3.38 - 6.08	0.281
Ward 4	2.59 ^a	1.72 - 3.87	3.79	2.73 - 5.24	0.039
Ward 5	2.71 ^a	1.88 - 3.91	4.25	3.14 - 5.73	0.010
Ward 6	3.40 ^b	2.29 - 5.03	4.75	3.45 - 6.50	0.059
Ward 7	2.43 ^a	1.66 - 3.54	3.68	2.62 - 5.15	0.024
Ward 8	3.04 ^b	2.14 - 4.28	4.13	3.02 - 5.63	0.066
Florida¹	4.82 ^a	4.37 - 5.32	3.95	3.50 - 4.45	0.005
Region A - Northwest	--	-- --	5.01	4.19 - 5.97	--
Circuit 1	6.77 ^a	5.28 - 8.65	4.96	3.90 - 6.30	0.017
Circuit 2	--	-- --	5.11	3.92 - 6.64	--
Circuit 14	--	-- --	4.96	3.71 - 6.60	--
Region B - Northeast	--	-- --	4.39	3.68 - 5.23	--
Circuits 3 and 8	--	-- --	5.15	3.96 - 6.68	--
Circuit 4	--	-- --	4.31	3.34 - 5.53	--
Circuit 7	--	-- --	4.01	3.07 - 5.22	--
Region C - Central	--	-- --	4.06	3.47 - 4.74	--
Circuit 5	4.32	3.35 - 5.55	3.51	2.62 - 4.70	0.148
Circuit 9	--	-- --	4.34	3.43 - 5.48	--
Circuit 10	4.57	3.53 - 5.91	4.14	3.16 - 5.41	0.461
Circuit 18	--	-- --	4.20	3.24 - 5.43	--
Circuit 19	4.02	3.02 - 5.34	4.02	2.99 - 5.39	0.996
Region D - Southeast	--	-- --	3.44	2.82 - 4.20	--
Circuit 15 (Palm Beach)	4.59 ^a	3.52 - 5.96	3.40	2.59 - 4.46	0.031
Circuit 17 (Broward)	4.46 ^b	3.54 - 5.61	3.47	2.71 - 4.44	0.054
Region E - Sun Coast	--	-- --	4.11	3.44 - 4.89	--
Circuit 6	--	-- --	4.22	3.19 - 5.55	--
Circuit 12	--	-- --	4.18	3.09 - 5.62	--
Circuit 13 (Hillsborough)	--	-- --	3.93	3.07 - 5.01	--
Circuit 20	4.37	3.30 - 5.78	4.12	3.07 - 5.51	0.695
Region F - Southern (Circuits 11 and 16)	3.49	2.72 - 4.46	3.07	2.38 - 3.96	0.393
Georgia	5.14 ^a	4.30 - 6.13	3.99	3.31 - 4.80	0.010
Region 1	--	-- --	4.06	3.11 - 5.28	--
Region 2	--	-- --	4.48	3.37 - 5.93	--
Region 3	--	-- --	3.59	2.72 - 4.72	--
Region 4	--	-- --	4.23	3.12 - 5.71	--
Region 5	--	-- --	4.42	3.22 - 6.03	--
Region 6	--	-- --	3.80	2.84 - 5.08	--

See notes at end of table.

(continued)

Table 7 Nonmedical Use of Pain Relievers in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Hawaii	3.65	2.93 - 4.54	4.32	3.53 - 5.26	0.191
Hawaii Island	4.25	2.98 - 6.04	4.52	3.34 - 6.09	0.720
Honolulu	3.39 ^b	2.65 - 4.34	4.32	3.45 - 5.41	0.095
Kauai and Maui	4.35	3.14 - 5.99	4.11	3.12 - 5.40	0.709
Kauai	--	-- --	4.07	2.88 - 5.73	--
Maui	--	-- --	4.13	3.00 - 5.65	--
Idaho	5.55	4.76 - 6.45	5.70	4.83 - 6.73	0.745
Region 1	5.55	4.20 - 7.30	5.29	3.94 - 7.05	0.716
Region 2	6.41	4.91 - 8.34	5.95	4.43 - 7.94	0.590
Region 3	5.14	3.96 - 6.66	5.24	3.99 - 6.85	0.893
Region 4	6.11	4.84 - 7.69	6.40	5.02 - 8.11	0.719
Region 5	4.90	3.69 - 6.47	4.90	3.66 - 6.53	0.992
Region 6	5.83	4.43 - 7.64	6.36	4.85 - 8.30	0.511
Region 7	4.59	3.47 - 6.06	5.27	3.95 - 7.01	0.328
Illinois	3.91	3.52 - 4.34	3.90	3.49 - 4.35	0.965
Region I (Cook)	3.67	3.11 - 4.32	3.84	3.24 - 4.54	0.658
Region II	4.29	3.65 - 5.04	3.79	3.20 - 4.48	0.219
Region III	4.00	3.30 - 4.85	4.01	3.26 - 4.93	0.983
Region IV	3.91	3.14 - 4.86	3.66	2.84 - 4.70	0.604
Region V	3.72 ^b	3.01 - 4.58	4.56	3.69 - 5.62	0.087
Indiana	5.84	4.98 - 6.84	5.69	4.85 - 6.66	0.768
Central	6.16	4.82 - 7.84	5.54	4.33 - 7.05	0.424
East	6.33	4.81 - 8.27	6.49	4.92 - 8.51	0.853
North Central	5.66	4.37 - 7.31	5.36	4.08 - 7.01	0.678
Northeast	4.70	3.46 - 6.35	5.27	3.96 - 6.98	0.446
Northwest	5.11	3.87 - 6.72	5.77	4.38 - 7.57	0.399
Southeast	6.31	4.72 - 8.40	5.90	4.46 - 7.77	0.637
Southwest	6.06	4.56 - 8.01	5.20	3.89 - 6.92	0.272
West	6.15	4.80 - 7.86	6.26	4.86 - 8.03	0.895
Iowa	3.19	2.57 - 3.96	3.68	3.05 - 4.44	0.196
Central	3.36	2.41 - 4.66	3.75	2.82 - 4.98	0.479
North Central	3.49	2.51 - 4.82	4.07	2.98 - 5.54	0.324
Northeast	3.08	2.29 - 4.14	3.53	2.73 - 4.56	0.358
Northwest	2.91	2.08 - 4.07	3.39	2.49 - 4.60	0.343
Southeast	3.17	2.35 - 4.27	3.94	3.01 - 5.14	0.137
Southwest	3.34	2.38 - 4.69	3.35	2.48 - 4.53	0.984
Kansas	4.17	3.44 - 5.06	4.13	3.43 - 4.96	0.915
Kansas City Metro	4.04	3.09 - 5.26	4.01	3.13 - 5.13	0.967
Northeast	3.98	2.93 - 5.38	3.89	2.85 - 5.28	0.881
South Central	4.32	3.15 - 5.90	4.38	3.23 - 5.91	0.935
Southeast	4.23	3.06 - 5.81	4.35	3.23 - 5.83	0.848
West	3.41	2.42 - 4.80	4.20	3.09 - 5.69	0.201
Wichita (Sedgwick)	5.06	3.76 - 6.79	4.31	3.26 - 5.68	0.284

See notes at end of table.

(continued)

Table 7 Nonmedical Use of Pain Relievers in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Kentucky	6.79 ^a	5.85 - 7.88	4.44	3.72 - 5.31	0.000
Adanta, Cumberland River, and Lifeskills	5.85	4.54 - 7.52	4.66	3.58 - 6.06	0.115
Bluegrass, Comprehend, and North Key	7.68 ^a	6.12 - 9.59	4.73	3.65 - 6.10	0.000
Communicare and River Valley	6.17 ^a	4.72 - 8.04	4.15	3.07 - 5.60	0.007
Four Rivers and Pennyroyal	6.73 ^a	5.07 - 8.87	4.25	3.16 - 5.71	0.001
Kentucky River, Mountain, and Pathways	6.83 ^a	5.29 - 8.79	4.25	3.13 - 5.75	0.001
Seven Counties	6.69 ^a	5.33 - 8.35	4.23	3.23 - 5.52	0.001
Louisiana	5.06	4.35 - 5.88	5.03	4.30 - 5.87	0.944
Regions 1 and 10	--	-- --	4.73	3.75 - 5.96	--
Region 1	4.42	3.25 - 5.99	4.59	3.44 - 6.09	0.799
Region 10 (Jefferson)	4.89	3.66 - 6.50	4.88	3.64 - 6.51	0.988
Regions 2 and 9	5.26	4.22 - 6.54	5.41	4.27 - 6.84	0.819
Region 3	5.49	4.20 - 7.14	5.08	3.84 - 6.69	0.590
Regions 4, 5, and 6	--	-- --	5.13	4.04 - 6.49	--
Regions 7 and 8	5.02	3.91 - 6.42	4.63	3.59 - 5.96	0.563
Maine¹	4.58	3.85 - 5.44	4.22	3.52 - 5.05	0.400
Aroostook/Downeast	--	-- --	3.84	2.96 - 4.96	--
Aroostook	--	-- --	3.75	2.74 - 5.12	--
Downeast	--	-- --	3.90	2.84 - 5.34	--
Central	--	-- --	4.26	3.16 - 5.71	--
Cumberland	4.33	3.32 - 5.63	4.07	3.08 - 5.37	0.664
Midcoast	4.25	3.16 - 5.69	3.70	2.67 - 5.11	0.372
Penquis	--	-- --	4.99	3.82 - 6.48	--
Western	--	-- --	4.63	3.52 - 6.08	--
York	4.52	3.41 - 5.95	4.00	2.93 - 5.44	0.421
Maryland	3.65	2.99 - 4.45	3.79	3.11 - 4.61	0.704
Anne Arundel	4.03	2.92 - 5.53	4.03	2.91 - 5.56	0.998
Baltimore City	3.95	2.80 - 5.55	4.09	3.01 - 5.52	0.835
Baltimore County	--	-- --	4.01	2.95 - 5.42	--
Montgomery	3.12	2.23 - 4.34	3.41	2.48 - 4.66	0.584
North Central	--	-- --	3.78	2.75 - 5.17	--
Northeast	--	-- --	3.88	2.81 - 5.34	--
Prince George's	2.94	2.12 - 4.06	3.27	2.36 - 4.51	0.490
South	--	-- --	4.05	2.97 - 5.48	--
West	--	-- --	4.09	3.02 - 5.52	--

See notes at end of table.

(continued)

Table 7 Nonmedical Use of Pain Relievers in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Massachusetts	4.97 ^a	4.17 - 5.91	4.05	3.38 - 4.85	0.035
Boston	5.11	3.76 - 6.91	4.89	3.67 - 6.47	0.776
Central	4.38	3.24 - 5.89	4.27	3.21 - 5.66	0.857
Metrowest	4.93 ^b	3.79 - 6.38	3.75	2.82 - 4.97	0.053
Northeast	4.81 ^a	3.64 - 6.32	3.63	2.73 - 4.80	0.043
Southeast	5.48 ^a	4.22 - 7.08	4.04	3.08 - 5.29	0.028
Western	4.95	3.76 - 6.50	4.23	3.14 - 5.67	0.276
Michigan¹	5.33	4.83 - 5.87	5.14	4.67 - 5.65	0.560
Detroit City	3.98	3.03 - 5.22	4.59	3.62 - 5.81	0.326
Genesee	6.31	4.92 - 8.07	5.45	4.31 - 6.87	0.244
Kalamazoo	--	-- --	4.71	3.73 - 5.95	--
Kent	5.14	4.03 - 6.52	5.32	4.28 - 6.59	0.783
Lakeshore	--	-- --	5.65	4.55 - 7.01	--
Macomb	5.43	4.31 - 6.83	4.90	3.94 - 6.07	0.415
Mid South	--	-- --	5.50	4.46 - 6.76	--
Northern	5.85	4.71 - 7.25	5.57	4.47 - 6.93	0.692
Oakland	4.64	3.76 - 5.70	4.94	3.99 - 6.09	0.607
Pathways and Western	--	-- --	4.75	3.65 - 6.16	--
Riverhaven	5.53	4.22 - 7.21	5.26	4.10 - 6.73	0.702
Saginaw	4.85	3.67 - 6.37	5.33	4.10 - 6.92	0.451
Southeast	5.66	4.61 - 6.94	5.15	4.22 - 6.28	0.427
St. Clair	4.58	3.47 - 6.03	5.33	4.14 - 6.84	0.259
Washtenaw	6.00 ^a	4.75 - 7.54	4.65	3.62 - 5.94	0.044
Minnesota	3.92	3.23 - 4.75	4.12	3.43 - 4.94	0.615
Regions 1 and 2	4.13	3.02 - 5.63	4.27	3.15 - 5.78	0.823
Regions 3 and 4	4.12	3.13 - 5.41	4.07	3.08 - 5.35	0.916
Regions 5 and 6	3.68	2.76 - 4.89	4.33	3.30 - 5.68	0.227
Region 7A (Hennepin)	4.37	3.19 - 5.95	4.12	3.11 - 5.44	0.707
Region 7B (Ramsey)	3.63	2.57 - 5.11	4.43	3.26 - 5.99	0.203
Region 7C	3.53	2.61 - 4.77	3.77	2.87 - 4.94	0.654
Mississippi	4.06 ^b	3.40 - 4.85	4.78	4.05 - 5.63	0.073
Region 1	4.29 ^b	3.32 - 5.52	5.36	4.19 - 6.85	0.078
Region 2	3.35 ^b	2.48 - 4.50	4.25	3.15 - 5.73	0.087
Region 3	3.98	2.97 - 5.31	4.76	3.64 - 6.20	0.191
Region 4	3.73	2.82 - 4.93	4.24	3.25 - 5.52	0.377
Region 5	3.58	2.60 - 4.90	4.41	3.25 - 5.97	0.146
Region 6	4.51	3.38 - 6.00	4.91	3.71 - 6.47	0.545
Region 7	4.77	3.54 - 6.40	5.07	3.86 - 6.62	0.660

See notes at end of table.

(continued)

Table 7 Nonmedical Use of Pain Relievers in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Missouri	4.92	4.17 - 5.78	4.92	4.19 - 5.76	0.998
Central	5.48	4.23 - 7.07	4.90	3.72 - 6.43	0.407
Eastern	4.78	3.83 - 5.95	4.73	3.84 - 5.83	0.928
Eastern (St. Louis City and County)	4.56	3.45 - 5.99	4.72	3.62 - 6.12	0.807
Eastern (excluding St. Louis)	5.24	3.98 - 6.87	4.76	3.62 - 6.25	0.485
Northwest	5.03	4.00 - 6.31	4.93	3.95 - 6.13	0.853
Northwest (Jackson)	5.47	4.13 - 7.21	4.53	3.40 - 5.99	0.205
Northwest (excluding Jackson)	4.64	3.42 - 6.26	5.26	4.02 - 6.86	0.355
Southeast	4.65	3.49 - 6.16	4.97	3.76 - 6.55	0.621
Southwest	4.75	3.66 - 6.16	5.29	4.09 - 6.81	0.427
Montana	4.44	3.73 - 5.26	4.60	3.87 - 5.46	0.707
Region 1	4.08	2.97 - 5.59	4.36	3.22 - 5.86	0.665
Region 2	4.28	3.20 - 5.70	4.38	3.25 - 5.89	0.873
Region 3	4.28	3.24 - 5.63	4.15	3.19 - 5.37	0.828
Region 4	4.26	3.34 - 5.41	5.25	4.09 - 6.73	0.126
Region 5	4.87	3.81 - 6.21	4.52	3.53 - 5.76	0.586
Nebraska	3.47	2.85 - 4.22	3.86	3.18 - 4.69	0.314
Regions 1 and 2	3.31	2.35 - 4.63	3.75	2.84 - 4.94	0.390
Region 1	--	-- --	4.03	2.85 - 5.67	--
Region 2	--	-- --	3.51	2.52 - 4.85	--
Region 3	3.75	2.73 - 5.13	3.66	2.70 - 4.94	0.878
Region 4	3.15	2.29 - 4.33	3.33	2.39 - 4.64	0.723
Region 5	3.64	2.80 - 4.71	4.33	3.32 - 5.63	0.208
Region 6	3.41	2.63 - 4.42	3.82	2.95 - 4.92	0.429
Nevada¹	5.76	4.72 - 7.02	5.92	4.87 - 7.17	0.819
Clark – Region 1	5.95	4.75 - 7.43	5.92	4.73 - 7.39	0.971
Region 3	4.86	3.56 - 6.61	5.31	4.03 - 6.97	0.530
Capital District	--	-- --	5.14	3.68 - 7.14	--
Rural/Frontier	--	-- --	5.47	3.95 - 7.52	--
Washoe – Region 2	5.74	4.25 - 7.71	6.37	4.88 - 8.28	0.481
New Hampshire	5.13	4.37 - 6.02	4.41	3.72 - 5.23	0.103
Central	5.47 ^b	4.40 - 6.77	4.37	3.49 - 5.47	0.051
Central 1	5.19	4.01 - 6.69	4.72	3.62 - 6.14	0.473
Central 2	5.73 ^a	4.33 - 7.55	4.03	2.98 - 5.44	0.020
Northern	5.35	4.10 - 6.95	4.30	3.21 - 5.73	0.113
Southern	4.93	4.07 - 5.95	4.46	3.66 - 5.41	0.352
Southern 1 (Rockingham)	4.71	3.60 - 6.13	3.94	3.03 - 5.12	0.192
Southern 2	5.06	4.05 - 6.30	4.77	3.79 - 6.01	0.650
New Jersey	3.57 ^a	2.92 - 4.36	4.37	3.63 - 5.25	0.049
Central	3.75	2.80 - 5.00	4.13	3.12 - 5.45	0.485
Metropolitan	3.36	2.48 - 4.53	4.06	3.06 - 5.35	0.192
Northern	3.39 ^a	2.58 - 4.45	4.55	3.48 - 5.93	0.041
Southern	3.91	2.95 - 5.17	4.70	3.60 - 6.13	0.171

See notes at end of table.

(continued)

Table 7 Nonmedical Use of Pain Relievers in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
New Mexico	5.45	4.52 - 6.56	5.60	4.70 - 6.66	0.792
Region 1	4.86	3.64 - 6.45	5.23	4.05 - 6.74	0.601
Region 2	5.49	3.98 - 7.54	4.88	3.58 - 6.62	0.448
Region 3 (Bernalillo)	5.51	4.22 - 7.16	6.50	5.14 - 8.19	0.239
Region 4	5.50	4.11 - 7.34	5.05	3.81 - 6.66	0.548
Region 5	5.87	4.48 - 7.65	5.39	4.09 - 7.07	0.568
New York	3.95	3.53 - 4.43	4.17	3.72 - 4.68	0.433
Region A	3.51	2.98 - 4.14	4.02	3.45 - 4.68	0.147
Region 1	3.45	2.54 - 4.68	4.10	3.14 - 5.34	0.242
Region 2	3.37	2.67 - 4.25	3.77	2.98 - 4.74	0.395
Region 3	4.93	3.80 - 6.39	4.72	3.61 - 6.14	0.755
Region 4	2.72 ^a	2.05 - 3.61	3.78	2.92 - 4.87	0.025
Region B	--	-- --	3.90	3.31 - 4.58	--
Region 5	4.39	3.54 - 5.44	3.76	3.01 - 4.70	0.217
Region 6	3.39	2.61 - 4.40	3.58	2.70 - 4.74	0.690
Region 7	4.03	3.11 - 5.20	4.83	3.81 - 6.11	0.140
Region C	--	-- --	4.61	3.99 - 5.31	--
Region 8	4.03	3.19 - 5.07	4.49	3.54 - 5.68	0.368
Region 9	4.70	3.74 - 5.90	4.77	3.76 - 6.03	0.915
Region 10	4.60	3.64 - 5.79	4.91	3.77 - 6.37	0.610
Region 11	4.01	3.13 - 5.12	4.36	3.42 - 5.54	0.525
Region 12	4.64	3.70 - 5.81	4.70	3.64 - 6.03	0.927
Region D	4.67	3.94 - 5.52	4.58	3.85 - 5.44	0.834
Region 13	4.63	3.50 - 6.12	4.25	3.27 - 5.51	0.515
Region 14	4.12	3.17 - 5.34	4.90	3.73 - 6.41	0.180
Region 15	5.22	4.01 - 6.76	4.55	3.52 - 5.87	0.309
North Carolina	4.78	3.99 - 5.72	4.30	3.60 - 5.13	0.280
Alliance	--	-- --	3.84	2.91 - 5.06	--
Cardinal Innovations	--	-- --	4.24	3.20 - 5.59	--
CenterPoint/Guilford	--	-- --	4.38	3.40 - 5.63	--
CenterPoint	--	-- --	4.45	3.24 - 6.10	--
Guilford	--	-- --	4.30	3.14 - 5.85	--
CoastalCare	--	-- --	4.90	3.60 - 6.62	--
Eastpointe	--	-- --	4.23	3.08 - 5.76	--
ECBH	--	-- --	4.27	3.12 - 5.81	--
MeckLINK	--	-- --	4.13	3.03 - 5.61	--
Partners	--	-- --	4.82	3.54 - 6.53	--
Sandhills	--	-- --	4.43	3.24 - 6.03	--
Smoky Mountain	--	-- --	4.32	3.16 - 5.88	--
Western Highlands	--	-- --	4.41	3.23 - 6.01	--

See notes at end of table.

(continued)

Table 7 Nonmedical Use of Pain Relievers in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
North Dakota	3.73	3.03 - 4.59	3.60	2.97 - 4.37	0.758
Badlands and West Central Lake Region and South Central	3.43	2.50 - 4.70	3.25	2.44 - 4.32	0.732
North Central and Northwest	3.43	2.48 - 4.74	3.19	2.29 - 4.41	0.644
Northeast	4.06	2.97 - 5.52	3.66	2.73 - 4.88	0.520
Southeast	4.39	3.25 - 5.91	4.12	3.09 - 5.46	0.686
	3.64	2.71 - 4.88	3.88	2.98 - 5.05	0.676
Ohio	4.73 ^b	4.29 - 5.21	5.22	4.74 - 5.73	0.100
Boards 2, 46, 55, and 68	4.65	3.67 - 5.87	5.22	4.06 - 6.69	0.340
Boards 3, 52, and 85	4.22	3.27 - 5.44	4.91	3.79 - 6.33	0.223
Boards 4 and 78	4.96	3.84 - 6.38	5.40	4.12 - 7.05	0.494
Boards 5 and 60	5.07 ^b	3.93 - 6.52	6.32	5.01 - 7.95	0.064
Boards 7, 15, 41, 79, and 84	4.47	3.47 - 5.73	4.69	3.66 - 5.98	0.706
Boards 8, 13, and 83	5.26	4.12 - 6.68	4.84	3.80 - 6.15	0.497
Board 9 (Butler)	5.68	4.40 - 7.30	5.33	4.13 - 6.85	0.609
Board 12	5.07	3.92 - 6.55	5.47	4.25 - 7.01	0.556
Boards 18 and 47	4.13 ^b	3.33 - 5.11	5.05	4.19 - 6.08	0.079
Boards 20, 32, 54, and 69	4.27	3.27 - 5.54	4.23	3.19 - 5.58	0.948
Boards 21, 39, 51, 70, and 80	4.51	3.52 - 5.76	4.99	3.92 - 6.34	0.408
Boards 22, 74, and 87	4.16 ^b	3.19 - 5.42	5.13	4.01 - 6.53	0.092
Boards 23 and 45	5.06	3.98 - 6.41	5.04	3.89 - 6.52	0.978
Board 25 (Franklin)	5.49	4.50 - 6.69	6.12	5.00 - 7.47	0.350
Boards 27, 71, and 73	5.13	4.07 - 6.45	5.05	3.94 - 6.46	0.892
Boards 28, 43, and 67	4.69	3.71 - 5.90	5.11	4.05 - 6.41	0.477
Board 31 (Hamilton)	4.52	3.57 - 5.72	4.74	3.73 - 6.01	0.719
Board 48 (Lucas)	4.62 ^b	3.59 - 5.93	5.77	4.52 - 7.34	0.082
Boards 50 and 76	4.96	3.86 - 6.34	4.93	3.89 - 6.23	0.963
Board 57 (Montgomery)	5.24	4.09 - 6.69	5.37	4.22 - 6.80	0.853
Board 77 (Summit)	4.12 ^a	3.24 - 5.23	5.44	4.32 - 6.84	0.026
Oklahoma	5.49	4.65 - 6.48	5.15	4.37 - 6.07	0.478
Central	6.25	4.80 - 8.10	5.46	4.11 - 7.21	0.325
East Central	5.06	3.74 - 6.80	5.02	3.73 - 6.74	0.962
Northeast	5.39	4.08 - 7.08	4.91	3.76 - 6.40	0.508
Northwest and Southwest	4.97	3.70 - 6.64	5.61	4.22 - 7.43	0.370
Oklahoma County	5.58	4.24 - 7.32	5.21	4.03 - 6.72	0.603
Southeast	5.74	4.35 - 7.54	4.71	3.57 - 6.19	0.156
Tulsa County	5.54	4.23 - 7.22	5.10	3.85 - 6.74	0.551
Oregon	5.60	4.75 - 6.58	6.14	5.21 - 7.23	0.310
Region 1 (Multnomah)	6.39	4.96 - 8.19	7.11	5.47 - 9.18	0.420
Region 2	5.51	4.32 - 7.01	5.86	4.50 - 7.60	0.658
Region 3	5.02	3.89 - 6.46	6.19	4.97 - 7.69	0.107
Region 4	6.36	4.90 - 8.23	5.52	4.18 - 7.26	0.309
Region 5 (Central)	--	-- --	5.80	4.24 - 7.87	--
Region 6 (Eastern)	--	-- --	5.70	4.13 - 7.81	--

See notes at end of table.

(continued)

Table 7 Nonmedical Use of Pain Relievers in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Pennsylvania¹	3.96	3.57 - 4.40	4.05	3.63 - 4.53	0.747
Region 1 (Allegheny)	4.14	3.33 - 5.14	4.79	3.80 - 6.02	0.243
Regions 3, 8, 9, and 51	--	-- --	3.79	2.94 - 4.87	--
Regions 4, 11, 37, and 49	3.65	2.84 - 4.67	3.69	2.89 - 4.71	0.924
Regions 5, 18, 23, 24, and 46	3.93	3.13 - 4.93	3.94	3.05 - 5.06	0.995
Regions 6, 12, 16, 31, 35, 45, and 47	--	-- --	3.63	2.82 - 4.68	--
Regions 7, 13, 20, and 33	3.67	3.02 - 4.45	3.77	3.08 - 4.61	0.828
Regions 10, 15, 27, 32, 43, and 44	--	-- --	3.76	2.92 - 4.85	--
Regions 17 and 21	4.79	3.70 - 6.19	4.31	3.33 - 5.56	0.402
Regions 19, 26, 28, and 42	3.23	2.55 - 4.08	3.65	2.89 - 4.61	0.342
Regions 22, 38, 40, 41, and 48	4.09	3.21 - 5.20	4.16	3.27 - 5.27	0.904
Regions 29 and 34	3.65	2.82 - 4.71	3.96	3.05 - 5.13	0.526
Regions 30 and 50	--	-- --	3.88	3.02 - 4.97	--
Region 36 (Philadelphia)	4.47	3.59 - 5.55	4.99	3.97 - 6.24	0.384
Rhode Island	5.97 ^b	5.05 - 7.05	5.00	4.17 - 5.98	0.073
Bristol and Newport	6.20 ^a	4.63 - 8.26	4.65	3.44 - 6.27	0.048
Kent	6.27	4.82 - 8.12	5.33	4.01 - 7.06	0.240
Providence	5.76	4.68 - 7.07	4.84	3.89 - 6.01	0.160
Washington	6.39	4.88 - 8.33	5.68	4.28 - 7.50	0.392
South Carolina	4.95	4.15 - 5.90	4.91	4.13 - 5.83	0.936
Region 1	5.36	4.18 - 6.84	4.59	3.54 - 5.95	0.252
Region 2	4.71	3.73 - 5.94	4.87	3.81 - 6.21	0.798
Region 3	4.56	3.35 - 6.19	4.92	3.72 - 6.48	0.610
Region 4	5.07	3.84 - 6.66	5.27	4.05 - 6.82	0.784
South Dakota	3.25	2.63 - 4.01	3.48	2.87 - 4.23	0.539
Region 1	--	-- --	3.50	2.61 - 4.68	--
Region 2	--	-- --	3.39	2.42 - 4.75	--
Region 3	--	-- --	3.26	2.44 - 4.35	--
Region 4	--	-- --	3.44	2.52 - 4.69	--
Region 5	--	-- --	3.71	2.83 - 4.85	--
Tennessee	4.67	3.93 - 5.55	4.93	4.16 - 5.84	0.566
Region 1	5.79	4.25 - 7.84	4.71	3.51 - 6.29	0.154
Region 2	5.75 ^b	4.34 - 7.59	4.58	3.45 - 6.05	0.092
Region 3	--	-- --	4.77	3.61 - 6.26	--
Region 4 (Davidson)	4.97	3.72 - 6.61	5.15	3.85 - 6.85	0.818
Region 5	--	-- --	5.53	4.33 - 7.04	--
Region 6	4.40	3.25 - 5.94	4.64	3.44 - 6.24	0.710
Region 7 (Shelby)	3.50 ^a	2.57 - 4.75	4.73	3.55 - 6.28	0.036

See notes at end of table.

(continued)

Table 7 Nonmedical Use of Pain Relievers in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Texas	4.74	4.31 - 5.21	4.45	4.01 - 4.93	0.301
Region 1	5.14	4.06 - 6.49	4.90	3.81 - 6.26	0.688
Region 2	5.27	4.10 - 6.76	4.47	3.39 - 5.87	0.176
Region 3	4.78	4.14 - 5.51	4.59	3.93 - 5.35	0.637
Region 3a	4.68	3.93 - 5.56	4.63	3.79 - 5.65	0.931
Region 3bc	4.96	3.99 - 6.16	4.51	3.66 - 5.55	0.424
Region 4	5.17	4.07 - 6.55	4.21	3.23 - 5.48	0.118
Region 5	5.13	3.99 - 6.57	4.37	3.35 - 5.68	0.212
Region 6	4.18	3.53 - 4.94	4.02	3.36 - 4.81	0.701
Region 6a	4.08	3.39 - 4.90	3.98	3.26 - 4.84	0.817
Region 6bc	5.01	3.87 - 6.46	4.41	3.37 - 5.77	0.320
Region 7	5.78	4.89 - 6.82	5.09	4.27 - 6.06	0.179
Region 7a	5.99	4.81 - 7.44	5.23	4.16 - 6.54	0.267
Region 7bcd	5.46	4.38 - 6.80	4.85	3.81 - 6.17	0.313
Region 8	4.48	3.54 - 5.65	4.53	3.65 - 5.61	0.925
Region 9	4.98	3.81 - 6.50	4.53	3.43 - 5.97	0.466
Region 10	4.57	3.41 - 6.10	4.45	3.46 - 5.70	0.850
Region 11	4.32	3.50 - 5.32	4.16	3.39 - 5.10	0.746
Region 11abd	4.40	3.39 - 5.69	4.31	3.37 - 5.50	0.881
Region 11c (Hidalgo)	4.15	3.12 - 5.51	3.90	2.93 - 5.17	0.658
Utah	5.88 ^a	5.03 - 6.87	4.11	3.42 - 4.92	0.000
Bear River, Northeastern, Summit, Tooele, and Wasatch	6.06 ^a	4.58 - 7.97	3.93	2.96 - 5.20	0.003
Central, Four Corners, San Juan, and Southwest	4.82	3.54 - 6.55	3.88	2.82 - 5.31	0.164
Davis County	5.32 ^b	3.99 - 7.05	4.05	3.00 - 5.46	0.076
Salt Lake County	6.33 ^a	5.11 - 7.81	4.12	3.22 - 5.25	0.002
Utah County	5.74 ^b	4.44 - 7.39	4.36	3.29 - 5.77	0.075
Weber, Morgan	5.98 ^a	4.46 - 7.98	4.13	3.02 - 5.62	0.012
Vermont	5.25	4.44 - 6.20	4.73	4.00 - 5.58	0.248
Champlain Valley	5.63	4.60 - 6.89	5.21	4.20 - 6.44	0.493
Rural Northeast	4.87	3.75 - 6.31	4.69	3.61 - 6.07	0.777
Rural Southeast	4.25	3.12 - 5.76	4.31	3.29 - 5.63	0.916
Rural Southwest	6.19 ^a	4.66 - 8.17	4.11	3.11 - 5.43	0.004
Virginia	4.30	3.59 - 5.14	4.58	3.85 - 5.44	0.500
Region 1	--	-- --	5.03	3.89 - 6.49	--
Region 2	4.12	3.07 - 5.50	3.80	2.87 - 5.01	0.588
Region 3	5.16	3.96 - 6.69	4.67	3.58 - 6.07	0.441
Region 4	--	-- --	5.24	3.93 - 6.96	--
Region 5	4.03	3.05 - 5.31	4.64	3.56 - 6.04	0.290

See notes at end of table.

(continued)

Table 7 Nonmedical Use of Pain Relievers in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Washington¹	6.00	5.07 - 7.08	5.55	4.70 - 6.54	0.411
Region 1	--	-- --	5.32	4.22 - 6.70	--
East 1 (previously Region 1)	6.07	4.63 - 7.93	5.50	4.13 - 7.30	0.493
East 2 (previously Region 2)	5.47	3.99 - 7.46	5.08	3.80 - 6.77	0.620
Region 2	--	-- --	5.34	4.37 - 6.52	--
North 1 (previously Region 3)	6.12	4.71 - 7.90	5.62	4.29 - 7.33	0.539
North 2 (previously Region 4)	6.06	4.70 - 7.79	5.18	4.03 - 6.65	0.280
Region 3	--	-- --	5.98	4.83 - 7.38	--
West 1 (previously Region 5)	6.17	4.68 - 8.10	6.00	4.65 - 7.72	0.831
West 2 (previously Region 6)	5.82	4.47 - 7.56	5.97	4.55 - 7.80	0.862
West Virginia¹	5.65 ^a	4.83 - 6.61	4.56	3.87 - 5.37	0.015
Region I	5.44	4.12 - 7.15	4.74	3.51 - 6.39	0.314
Region II	--	-- --	4.50	3.41 - 5.90	--
Region III	5.05	3.70 - 6.85	4.09	3.03 - 5.51	0.157
Region IV	--	-- --	5.39	4.29 - 6.75	--
Region V	--	-- --	4.33	3.40 - 5.50	--
Region VI	--	-- --	4.13	3.07 - 5.54	--
Wisconsin	4.74	3.97 - 5.63	4.74	3.94 - 5.68	0.999
Milwaukee	4.97	3.68 - 6.67	5.66	4.21 - 7.56	0.392
Northeastern	4.81	3.70 - 6.23	4.16	3.13 - 5.51	0.300
Northern	4.24	3.10 - 5.78	4.43	3.25 - 6.02	0.760
Southeastern	4.80	3.62 - 6.33	5.13	3.85 - 6.80	0.642
Southern	--	-- --	4.37	3.27 - 5.81	--
Western	--	-- --	4.67	3.53 - 6.16	--

See notes at end of table.

(continued)

Table 7 Nonmedical Use of Pain Relievers in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Wyoming	4.99	4.22 - 5.90	4.36	3.66 - 5.18	0.138
Judicial District 1 (Laramie)	4.77	3.54 - 6.38	4.17	3.20 - 5.43	0.343
Judicial District 2	5.65	4.34 - 7.32	5.50	4.16 - 7.24	0.855
Judicial District 3	4.93	3.73 - 6.49	4.05	3.07 - 5.32	0.148
Judicial District 4	4.94 ^b	3.65 - 6.66	3.77	2.75 - 5.16	0.066
Judicial District 5	4.25	3.19 - 5.66	3.94	2.85 - 5.41	0.594
Judicial District 6	4.84	3.64 - 6.40	4.23	3.16 - 5.65	0.336
Judicial District 7 (Natrona)	5.39	4.07 - 7.10	4.85	3.64 - 6.43	0.448
Judicial District 8	4.62	3.37 - 6.30	4.23	3.09 - 5.76	0.568
Judicial District 9	5.39	3.96 - 7.29	4.35	3.19 - 5.91	0.143

ECBH = East Carolina Behavioral Health; SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2002-2004 and 2010-2012); hence, the 2002-2004 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2010-2012 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=34>.

NOTE: Substate, State, and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques, with their *p* values being the Bayes posterior probability of no change between the 2002-2004 and 2010-2012 estimates. The "Total U.S." estimates, along with the 95 percent confidence intervals and *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.10 level.

¹ Names of some of the substate regions for this State have changed across the two time periods (2002-2004 vs. 2010-2012). For details, see the methodology write-up for comparing estimates located below the tables.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2004, 2010, 2011, and 2012 (2010 Data - Revised March 2012).

Table 8 Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Total United States	50.38 ^a	49.92 - 50.84	51.78	51.32 - 52.24	0.000
Northeast	55.21 ^a	54.26 - 56.16	57.31	56.47 - 58.14	0.001
Midwest	53.23 ^a	52.50 - 53.96	54.51	53.84 - 55.17	0.009
South	45.61 ^a	44.87 - 46.35	48.00	47.36 - 48.63	0.000
West	51.00	50.00 - 51.99	50.94	50.07 - 51.81	0.926
Alabama	37.88 ^a	35.20 - 40.65	42.76	40.16 - 45.40	0.005
Region 1	35.60	31.16 - 40.29	38.98	34.67 - 43.47	0.215
Region 2	40.26 ^a	36.14 - 44.51	48.04	43.83 - 52.27	0.002
Region 3	36.93	32.18 - 41.95	38.87	34.44 - 43.49	0.465
Region 4	38.11 ^b	34.02 - 42.38	43.01	38.57 - 47.58	0.060
Alaska	49.77	46.97 - 52.57	52.68	49.90 - 55.45	0.116
Anchorage	--	-- --	57.75	54.13 - 61.29	--
Northern	--	-- --	44.73	39.93 - 49.63	--
South Central	--	-- --	51.67	46.52 - 56.78	--
Southeast	52.56	46.51 - 58.54	52.25	46.63 - 57.81	0.922
Arizona	50.79	47.95 - 53.63	49.92	47.07 - 52.76	0.633
Maricopa	51.90	48.48 - 55.29	52.39	48.90 - 55.86	0.825
Pima	53.22	47.72 - 58.64	52.31	46.85 - 57.73	0.759
Rural North	49.13	43.34 - 54.95	45.11	39.59 - 50.75	0.198
Rural South	43.56	37.01 - 50.33	40.37	34.48 - 46.55	0.314
Arkansas¹	38.39	35.77 - 41.08	39.61	36.94 - 42.35	0.478
Catchment Area 1	--	-- --	44.11	38.96 - 49.38	--
Catchment Area 2	35.13	29.50 - 41.20	36.89	31.30 - 42.86	0.569
Catchment Area 3	32.50	27.72 - 37.67	34.85	29.82 - 40.23	0.396
Catchment Area 4	--	-- --	38.06	32.44 - 44.01	--
Catchment Area 5	--	-- --	41.53	36.20 - 47.07	--
Catchment Area 6	--	-- --	34.35	28.76 - 40.41	--
Catchment Area 7	--	-- --	35.53	29.88 - 41.61	--
Catchment Area 8	45.55	40.61 - 50.58	43.82	39.14 - 48.61	0.558

See notes at end of table.

(continued)

Table 8 Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	(Estimate)	(95% Confidence Interval)	(Estimate)	(95% Confidence Interval)	
California	50.50	48.97 - 52.02	49.67	48.29 - 51.06	0.413
Region 1R	--	---	57.28	51.69 - 62.68	--
Region 2R	--	---	57.11	51.68 - 62.37	--
Region 3R (Sacramento)	--	---	46.80	41.86 - 51.80	--
Region 4R	--	---	57.09	52.13 - 61.91	--
Region 5R (San Francisco)	--	---	61.06	55.37 - 66.46	--
Region 6 (Santa Clara)	49.24	44.45 - 54.04	50.59	45.49 - 55.68	0.632
Region 7R (Contra Costa)	--	---	55.81	50.51 - 60.97	--
Region 8R (Alameda)	--	---	53.88	49.04 - 58.64	--
Region 9R (San Mateo)	--	---	54.99	48.77 - 61.06	--
Region 10	56.15	50.85 - 61.31	53.88	48.80 - 58.88	0.414
Region 11 (Los Angeles)	44.85	42.32 - 47.41	46.60	44.45 - 48.77	0.274
LA SPA 1 and 5	--	---	53.32	47.63 - 58.92	--
LA SPA 2	--	---	49.20	44.49 - 53.91	--
LA SPA 3	--	---	39.78	35.17 - 44.58	--
LA SPA 4	--	---	49.32	44.05 - 54.60	--
LA SPA 6	--	---	40.61	35.50 - 45.93	--
LA SPA 7	--	---	44.26	39.27 - 49.37	--
LA SPA 8	--	---	49.79	45.02 - 54.58	--
Region 12R	--	---	50.14	44.32 - 55.95	--
Regions 13 and 19R	--	---	47.77	43.83 - 51.74	--
Region 13 (Riverside)	45.51	40.61 - 50.50	48.48	44.28 - 52.71	0.253
Region 19R (Imperial)	--	---	38.73	32.87 - 44.93	--
Region 14 (Orange)	52.83 ^b	48.66 - 56.97	48.80	45.06 - 52.55	0.085
Region 15R (Fresno)	--	---	44.20	38.88 - 49.67	--
Region 16R (San Diego)	--	---	51.45	47.75 - 55.13	--
Region 17R	--	---	45.03	40.51 - 49.64	--
Region 18R (San Bernardino)	--	---	44.28	40.17 - 48.47	--
Region 20R	--	---	46.66	41.22 - 52.19	--
Region 21R	--	---	51.59	46.39 - 56.76	--
Colorado	59.03	56.27 - 61.74	59.80	57.21 - 62.35	0.654
Region 1	59.23	54.14 - 64.12	59.59	54.43 - 64.55	0.895
Regions 2 and 7	59.11	55.64 - 62.50	61.59	58.26 - 64.82	0.240
Region 3	61.80	56.34 - 66.98	59.50	54.64 - 64.18	0.414
Region 4	49.19	42.41 - 56.00	46.57	40.08 - 53.17	0.428
Regions 5 and 6	60.14	54.13 - 65.85	57.95	51.89 - 63.78	0.486
Connecticut	59.65	56.79 - 62.44	60.95	58.26 - 63.58	0.476
Eastern	59.72	53.87 - 65.31	59.23	54.17 - 64.10	0.872
North Central	58.71	54.30 - 62.99	58.67	54.11 - 63.08	0.987
Northwestern	63.27	58.25 - 68.02	61.08	55.85 - 66.06	0.439
South Central	58.18 ^b	53.18 - 63.02	63.66	58.91 - 68.15	0.056
Southwest	59.54	53.95 - 64.89	61.97	57.05 - 66.66	0.403

See notes at end of table.

(continued)

Table 8 Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Delaware	51.97	49.32 - 54.60	53.70	51.00 - 56.39	0.334
Kent	45.60 ^a	40.36 - 50.94	52.26	47.17 - 57.31	0.028
New Castle (excluding Wilmington City)	57.72	54.38 - 61.00	54.94	51.37 - 58.47	0.220
Sussex	44.66 ^a	39.25 - 50.20	53.95	49.09 - 58.73	0.003
Wilmington City	46.32	40.28 - 52.47	48.36	42.44 - 54.32	0.510
District of Columbia	56.40 ^a	53.48 - 59.29	64.08	61.51 - 66.56	0.000
Ward 1	56.75 ^a	50.88 - 62.43	71.49	66.28 - 76.18	0.000
Ward 2	67.89 ^a	62.64 - 72.73	80.21	75.87 - 83.94	0.000
Ward 3	74.68	69.56 - 79.19	76.48	71.87 - 80.55	0.473
Ward 4	53.19 ^b	47.07 - 59.22	59.38	53.55 - 64.95	0.058
Ward 5	45.39 ^a	39.13 - 51.80	55.83	50.53 - 60.99	0.001
Ward 6	58.92 ^a	52.72 - 64.85	69.73	64.34 - 74.63	0.000
Ward 7	44.09	38.19 - 50.16	47.21	41.60 - 52.90	0.328
Ward 8	42.60	37.41 - 47.96	46.57	41.50 - 51.71	0.162
Florida¹	51.46	49.99 - 52.93	51.22	49.79 - 52.64	0.809
Region A - Northwest	--	--- --	52.26	49.15 - 55.36	--
Circuit 1	51.97	46.87 - 57.03	50.78	46.33 - 55.23	0.658
Circuit 2	--	--- --	59.37	54.36 - 64.19	--
Circuit 14	--	--- --	46.30	40.24 - 52.47	--
Region B - Northeast	--	--- --	50.15	47.29 - 53.02	--
Circuits 3 and 8	--	--- --	49.78	44.94 - 54.61	--
Circuit 4	--	--- --	47.70	43.10 - 52.34	--
Circuit 7	--	--- --	53.51	48.63 - 58.32	--
Region C - Central	--	--- --	51.43	49.10 - 53.76	--
Circuit 5	48.51	43.20 - 53.84	49.18	43.80 - 54.58	0.826
Circuit 9	--	--- --	53.01	49.19 - 56.78	--
Circuit 10	45.50	40.45 - 50.64	42.20	37.50 - 47.05	0.239
Circuit 18	--	--- --	55.35	50.68 - 59.94	--
Circuit 19	52.28	46.78 - 57.71	56.41	50.85 - 61.81	0.178
Region D - Southeast	--	--- --	50.26	47.17 - 53.35	--
Circuit 15 (Palm Beach)	53.62	49.26 - 57.93	51.26	46.76 - 55.74	0.363
Circuit 17 (Broward)	53.71 ^b	49.75 - 57.62	49.49	45.61 - 53.37	0.083
Region E - Sun Coast	--	--- --	56.01	53.60 - 58.39	--
Circuit 6	--	--- --	56.64	51.97 - 61.19	--
Circuit 12	--	--- --	59.84	54.71 - 64.76	--
Circuit 13 (Hillsborough)	--	--- --	51.20	47.16 - 55.22	--
Circuit 20	58.73	53.90 - 63.40	57.77	53.08 - 62.32	0.732
Region F - Southern (Circuits 11 and 16)	45.68	42.41 - 48.99	43.97	40.81 - 47.17	0.405
Georgia	45.54	42.94 - 48.16	46.50	43.94 - 49.08	0.559
Region 1	--	--- --	47.94	43.45 - 52.46	--
Region 2	--	--- --	44.51	39.60 - 49.53	--
Region 3	--	--- --	50.63	46.50 - 54.76	--
Region 4	--	--- --	39.19	33.57 - 45.11	--
Region 5	--	--- --	41.89	35.72 - 48.31	--
Region 6	--	--- --	43.96	38.72 - 49.34	--

See notes at end of table.

(continued)

Table 8 Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Hawaii	47.83	44.93 - 50.75	49.04	46.23 - 51.85	0.531
Hawaii Island	48.76 ^b	42.93 - 54.63	54.60	48.97 - 60.10	0.069
Honolulu	47.30	43.95 - 50.68	47.23	43.96 - 50.51	0.973
Kauai and Maui	49.53	43.93 - 55.13	52.19	47.09 - 57.24	0.402
Kauai	--	-- --	51.99	44.84 - 59.05	--
Maui	--	-- --	52.28	46.19 - 58.30	--
Idaho	46.58	43.98 - 49.20	49.19	46.52 - 51.88	0.133
Region 1	54.00	48.39 - 59.50	56.03	49.99 - 61.90	0.537
Region 2	49.45 ^b	43.43 - 55.50	55.10	48.99 - 61.06	0.079
Region 3	41.43	36.64 - 46.38	43.05	37.78 - 48.48	0.584
Region 4	55.78	51.40 - 60.07	56.37	51.93 - 60.71	0.825
Region 5	40.51 ^a	35.36 - 45.88	47.36	42.18 - 52.59	0.025
Region 6	37.43 ^a	32.13 - 43.05	44.76	39.05 - 50.61	0.016
Region 7	36.31	30.87 - 42.12	35.27	29.99 - 40.93	0.742
Illinois	52.43 ^a	50.98 - 53.87	54.89	53.51 - 56.26	0.013
Region I (Cook)	53.34 ^b	51.20 - 55.47	55.90	53.73 - 58.05	0.082
Region II	55.81	53.25 - 58.35	57.10	54.86 - 59.32	0.427
Region III	47.17 ^a	43.75 - 50.61	53.27	49.94 - 56.57	0.004
Region IV	48.55	44.45 - 52.66	49.34	45.28 - 53.42	0.748
Region V	47.29	43.51 - 51.09	49.30	45.47 - 53.13	0.401
Indiana	48.11 ^b	45.45 - 50.78	51.19	48.44 - 53.93	0.070
Central	51.44	46.78 - 56.07	51.94	47.18 - 56.66	0.854
East	44.20	38.17 - 50.41	45.63	40.09 - 51.29	0.650
North Central	47.33	42.04 - 52.67	51.03	45.77 - 56.27	0.194
Northeast	44.69 ^a	39.00 - 50.53	51.24	45.37 - 57.08	0.045
Northwest	50.31	44.52 - 56.09	52.62	47.26 - 57.92	0.466
Southeast	41.01 ^b	35.55 - 46.70	46.71	40.89 - 52.63	0.073
Southwest	49.36	42.97 - 55.77	49.62	43.34 - 55.92	0.935
West	51.72 ^a	46.34 - 57.06	57.80	52.25 - 63.16	0.028
Iowa	55.01	52.29 - 57.70	55.67	53.03 - 58.28	0.705
Central	56.08	50.46 - 61.55	59.62	54.80 - 64.25	0.219
North Central	54.37	48.87 - 59.75	53.65	47.96 - 59.25	0.806
Northeast	56.49	52.12 - 60.76	60.33	55.86 - 64.64	0.156
Northwest	53.96	48.27 - 59.56	50.85	45.52 - 56.16	0.304
Southeast	54.67	49.83 - 59.42	53.01	48.17 - 57.79	0.564
Southwest	52.70	46.79 - 58.53	52.64	46.78 - 58.44	0.986
Kansas	49.31	46.55 - 52.08	51.43	48.73 - 54.12	0.226
Kansas City Metro	53.86	49.50 - 58.15	54.69	50.70 - 58.63	0.748
Northeast	48.38	43.27 - 53.53	52.29	46.92 - 57.61	0.188
South Central	45.80	40.29 - 51.41	45.83	40.06 - 51.72	0.991
Southeast	46.34	39.75 - 53.07	44.10	37.63 - 50.78	0.531
West	42.51	36.72 - 48.51	46.12	40.47 - 51.86	0.227
Wichita (Sedgwick)	50.87	45.86 - 55.86	54.47	49.49 - 59.36	0.200

See notes at end of table.

(continued)

Table 8 Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Kentucky	40.68	37.89 - 43.52	43.44	40.81 - 46.10	0.120
Adanta, Cumberland River, and Lifeskills	32.01	27.52 - 36.85	32.72	28.17 - 37.61	0.802
Bluegrass, Comprehend, and North Key	46.38 ^b	41.96 - 50.86	51.11	46.72 - 55.48	0.081
Communicare and River Valley	37.55 ^b	32.14 - 43.29	43.01	37.13 - 49.10	0.074
Four Rivers and Pennyroyal	38.78	32.82 - 45.10	38.42	32.92 - 44.24	0.909
Kentucky River, Mountain, and Pathways	30.06	25.20 - 35.41	33.06	27.55 - 39.09	0.281
Seven Counties	48.55	43.84 - 53.29	49.14	44.34 - 53.96	0.839
Louisiana	47.01	44.38 - 49.66	47.70	45.21 - 50.21	0.672
Regions 1 and 10	--	-- --	50.33	45.91 - 54.75	--
Region 1	47.93	42.02 - 53.90	48.46	42.74 - 54.23	0.864
Region 10 (Jefferson)	53.28	47.54 - 58.94	52.19	46.35 - 57.97	0.722
Regions 2 and 9	51.07	46.76 - 55.35	50.99	46.69 - 55.27	0.975
Region 3	46.42	40.52 - 52.42	46.78	41.22 - 52.42	0.903
Regions 4, 5, and 6	--	-- --	45.59	41.46 - 49.79	--
Regions 7 and 8	40.66	36.11 - 45.37	43.95	39.63 - 48.36	0.214
Maine¹	51.01	48.13 - 53.88	54.06	51.14 - 56.95	0.109
Aroostook/Downeast	--	-- --	51.50	46.40 - 56.58	--
Aroostook	--	-- --	48.63	41.74 - 55.57	--
Downeast	--	-- --	53.86	47.29 - 60.30	--
Central	--	-- --	50.75	44.91 - 56.57	--
Cumberland	59.30	54.51 - 63.91	58.87	53.61 - 63.94	0.882
Midcoast	50.31	44.32 - 56.29	53.68	46.92 - 60.30	0.352
Penquis	--	-- --	53.09	47.95 - 58.16	--
Western	--	-- --	51.00	45.73 - 56.24	--
York	55.03	49.19 - 60.73	56.26	50.48 - 61.88	0.717
Maryland	53.35	50.37 - 56.30	56.05	53.37 - 58.70	0.138
Anne Arundel	55.29 ^b	48.77 - 61.63	61.64	55.36 - 67.55	0.057
Baltimore City	44.41	39.05 - 49.91	48.91	43.70 - 54.14	0.127
Baltimore County	--	-- --	56.09	50.78 - 61.27	--
Montgomery	60.84	55.40 - 66.02	57.96	52.68 - 63.06	0.340
North Central	--	-- --	58.92	53.09 - 64.52	--
Northeast	--	-- --	55.82	49.93 - 61.54	--
Prince George's	44.28 ^a	38.79 - 49.91	53.01	47.48 - 58.47	0.004
South	--	-- --	58.53	52.82 - 64.01	--
West	--	-- --	55.14	49.18 - 60.95	--

See notes at end of table.

(continued)

Table 8 Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Massachusetts	60.52 ^a	57.90 - 63.08	64.30	61.84 - 66.68	0.019
Boston	58.27 ^a	52.64 - 63.69	64.14	59.10 - 68.89	0.027
Central	55.29 ^a	49.34 - 61.10	62.41	57.05 - 67.48	0.020
Metrowest	65.24 ^a	60.75 - 69.48	70.72	66.49 - 74.62	0.025
Northeast	59.94	55.26 - 64.45	62.75	58.43 - 66.87	0.284
Southeast	62.25	57.64 - 66.64	63.61	58.85 - 68.11	0.611
Western	57.39	51.45 - 63.13	58.18	53.00 - 63.18	0.791
Michigan¹	52.93	51.51 - 54.34	53.80	52.44 - 55.16	0.361
Detroit City	39.44	35.58 - 43.43	38.13	34.06 - 42.38	0.589
Genesee	52.18	47.59 - 56.74	50.95	46.40 - 55.50	0.644
Kalamazoo	--	-- --	53.30	48.87 - 57.68	--
Kent	52.10 ^a	47.77 - 56.40	56.81	52.88 - 60.66	0.049
Lakeshore	--	-- --	51.98	48.07 - 55.86	--
Macomb	58.23	54.31 - 62.06	60.02	56.31 - 63.62	0.450
Mid South	--	-- --	53.97	50.33 - 57.56	--
Northern	52.03	47.76 - 56.26	55.34	51.10 - 59.50	0.211
Oakland	59.25	55.78 - 62.64	58.31	54.91 - 61.63	0.654
Pathways and Western	--	-- --	55.28	50.14 - 60.31	--
Riverhaven	48.80 ^b	43.42 - 54.21	54.48	49.48 - 59.39	0.053
Saginaw	52.52	46.81 - 58.17	52.57	46.72 - 58.35	0.987
Southeast	53.73	50.19 - 57.22	51.81	48.38 - 55.23	0.381
St. Clair	52.25	46.77 - 57.68	50.84	45.61 - 56.04	0.616
Washtenaw	62.52 ^b	58.39 - 66.48	58.04	53.81 - 62.16	0.053
Minnesota	59.32	56.51 - 62.07	58.64	55.94 - 61.29	0.696
Regions 1 and 2	52.93	46.76 - 59.01	53.52	47.01 - 59.90	0.863
Regions 3 and 4	53.40 ^b	48.18 - 58.54	58.51	53.40 - 63.44	0.080
Regions 5 and 6	58.87	53.65 - 63.89	56.60	51.57 - 61.49	0.445
Region 7A (Hennepin)	61.82	57.21 - 66.23	64.31	59.84 - 68.54	0.325
Region 7B (Ramsey)	59.82 ^b	53.66 - 65.68	54.31	48.14 - 60.35	0.064
Region 7C	64.67 ^a	59.94 - 69.13	59.07	54.76 - 63.25	0.039
Mississippi	36.17 ^a	33.47 - 38.96	40.61	38.18 - 43.09	0.007
Region 1	31.63 ^a	27.22 - 36.40	37.47	33.27 - 41.87	0.028
Region 2	30.75 ^a	26.13 - 35.78	38.27	32.90 - 43.94	0.007
Region 3	34.06 ^b	29.29 - 39.17	38.99	34.08 - 44.12	0.074
Region 4	42.90	38.09 - 47.85	43.82	39.21 - 48.54	0.744
Region 5	31.16 ^b	25.74 - 37.14	36.21	30.01 - 42.90	0.084
Region 6	36.64 ^a	31.24 - 42.40	43.41	38.08 - 48.89	0.020
Region 7	43.40	37.45 - 49.54	44.59	39.51 - 49.79	0.690

See notes at end of table.

(continued)

Table 8 Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Missouri	51.57	48.86 - 54.27	50.64	47.97 - 53.30	0.583
Central	50.92	45.58 - 56.24	49.99	44.47 - 55.50	0.752
Eastern	57.41	53.46 - 61.26	53.99	50.30 - 57.64	0.128
Eastern (St. Louis City and County)	57.53 ^a	52.87 - 62.06	52.06	47.48 - 56.62	0.046
Eastern (excluding St. Louis)	57.16	51.05 - 63.06	57.33	51.97 - 62.52	0.957
Northwest	52.36	48.27 - 56.42	52.58	48.43 - 56.70	0.923
Northwest (Jackson)	53.47	48.18 - 58.69	52.52	47.14 - 57.85	0.749
Northwest (excluding Jackson)	51.36	45.66 - 57.03	52.64	46.90 - 58.30	0.674
Southeast	41.89	36.19 - 47.83	44.84	39.44 - 50.35	0.337
Southwest	45.04	39.61 - 50.59	45.13	39.72 - 50.65	0.977
Montana	55.66 ^a	52.87 - 58.41	60.19	57.69 - 62.64	0.009
Region 1	50.44 ^b	44.03 - 56.83	56.64	50.72 - 62.37	0.064
Region 2	50.95	45.71 - 56.17	51.93	46.56 - 57.26	0.746
Region 3	54.45	49.48 - 59.34	56.68	52.14 - 61.10	0.424
Region 4	60.57 ^b	56.32 - 64.66	65.13	60.88 - 69.16	0.065
Region 5	56.17 ^a	51.54 - 60.71	62.99	59.16 - 66.67	0.009
Nebraska	54.35	51.53 - 57.14	53.43	50.69 - 56.15	0.599
Regions 1 and 2	50.70	44.29 - 57.09	49.15	43.94 - 54.39	0.636
Region 1	--	-- --	47.40	40.65 - 54.25	--
Region 2	--	-- --	50.70	44.01 - 57.36	--
Region 3	55.85 ^a	49.88 - 61.66	48.40	43.03 - 53.80	0.022
Region 4	48.90	43.14 - 54.68	48.90	42.85 - 54.98	0.999
Region 5	55.04	50.27 - 59.73	59.38	54.86 - 63.75	0.101
Region 6	56.23	52.30 - 60.08	53.68	49.81 - 57.50	0.286
Nevada¹	48.70 ^a	45.71 - 51.70	52.99	49.97 - 55.98	0.030
Clark – Region 1	47.31 ^b	43.69 - 50.96	51.43	47.88 - 54.96	0.079
Region 3	49.75	44.17 - 55.34	53.12	47.72 - 58.44	0.267
Capital District	--	-- --	57.61	50.93 - 64.03	--
Rural/Frontier	--	-- --	49.05	41.83 - 56.31	--
Washoe – Region 2	53.80 ^a	48.65 - 58.88	59.99	54.96 - 64.81	0.037
New Hampshire	59.45 ^a	56.69 - 62.16	63.12	60.51 - 65.65	0.034
Central	57.37 ^a	53.19 - 61.44	62.88	58.72 - 66.86	0.025
Central 1	57.30 ^a	51.95 - 62.48	64.97	59.94 - 69.68	0.007
Central 2	57.43	51.72 - 62.95	60.86	55.19 - 66.24	0.281
Northern	59.54	53.97 - 64.87	61.05	55.37 - 66.44	0.623
Southern	60.43	57.00 - 63.77	63.70	60.64 - 66.65	0.102
Southern 1 (Rockingham)	63.43	58.41 - 68.17	66.09	61.63 - 70.28	0.319
Southern 2	58.62	54.41 - 62.70	62.22	58.36 - 65.92	0.151
New Jersey	56.19	53.33 - 59.01	56.74	53.97 - 59.47	0.758
Central	62.30	57.52 - 66.85	60.89	55.92 - 65.65	0.622
Metropolitan	55.19	50.29 - 59.99	55.49	50.92 - 59.96	0.913
Northern	54.34	49.74 - 58.87	56.63	52.15 - 61.01	0.421
Southern	53.51	48.25 - 58.69	53.78	49.01 - 58.49	0.924

See notes at end of table.

(continued)

Table 8 Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
New Mexico	47.98	44.93 - 51.04	45.19	42.39 - 48.03	0.134
Region 1	40.73	36.01 - 45.64	37.76	33.53 - 42.17	0.264
Region 2	49.50	43.63 - 55.38	47.86	42.10 - 53.67	0.606
Region 3 (Bernalillo)	55.12	50.54 - 59.61	50.51	45.78 - 55.24	0.101
Region 4	40.52	34.79 - 46.53	42.85	37.60 - 48.26	0.440
Region 5	47.83	42.45 - 53.26	43.71	39.01 - 48.53	0.166
New York	53.97	52.38 - 55.55	55.42	53.96 - 56.87	0.167
Region A	47.64 ^a	45.35 - 49.94	53.27	51.20 - 55.32	0.000
Region 1	41.05 ^b	36.27 - 46.01	45.41	41.29 - 49.60	0.095
Region 2	45.59 ^a	41.97 - 49.26	53.20	49.72 - 56.64	0.000
Region 3	60.72	56.31 - 64.97	63.47	59.22 - 67.53	0.273
Region 4	44.69 ^a	40.61 - 48.85	50.43	46.37 - 54.49	0.025
Region B	--	-- --	60.56	58.21 - 62.86	--
Region 5	62.56	59.24 - 65.77	62.03	58.98 - 64.98	0.790
Region 6	61.61	57.17 - 65.87	59.88	55.56 - 64.06	0.486
Region 7	57.70	52.52 - 62.71	56.74	52.11 - 61.25	0.719
Region C	--	-- --	55.19	52.89 - 57.48	--
Region 8	59.20	54.66 - 63.58	57.16	52.77 - 61.44	0.432
Region 9	56.12	51.20 - 60.92	52.09	47.49 - 56.65	0.170
Region 10	57.35	51.60 - 62.90	56.39	51.09 - 61.54	0.739
Region 11	56.38	52.00 - 60.66	54.90	50.63 - 59.10	0.568
Region 12	59.30	55.00 - 63.45	55.87	51.44 - 60.21	0.187
Region D	52.47	49.15 - 55.76	50.84	47.45 - 54.21	0.393
Region 13	54.76	49.24 - 60.16	51.61	46.07 - 57.12	0.307
Region 14	52.74	47.11 - 58.31	53.09	47.43 - 58.68	0.907
Region 15	50.19	44.88 - 55.49	47.91	43.04 - 52.83	0.425
North Carolina	41.12 ^a	38.32 - 43.97	46.81	43.99 - 49.64	0.002
Alliance	--	-- --	52.28	47.60 - 56.92	--
Cardinal Innovations	--	-- --	47.14	41.58 - 52.78	--
CenterPoint/Guilford	--	-- --	44.29	39.25 - 49.45	--
CenterPoint	--	-- --	41.55	34.73 - 48.71	--
Guilford	--	-- --	47.27	41.04 - 53.59	--
CoastalCare	--	-- --	53.57	46.70 - 60.31	--
Eastpointe	--	-- --	35.05	29.63 - 40.88	--
ECBH	--	-- --	43.94	37.17 - 50.95	--
MeckLINK	--	-- --	48.73	42.53 - 54.98	--
Partners	--	-- --	45.98	40.45 - 51.61	--
Sandhills	--	-- --	44.48	37.89 - 51.28	--
Smoky Mountain	--	-- --	45.63	38.37 - 53.08	--
Western Highlands	--	-- --	48.92	42.26 - 55.63	--

See notes at end of table.

(continued)

Table 8 Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
North Dakota	59.00	56.39 - 61.57	59.55	56.86 - 62.19	0.748
Badlands and West Central Lake Region and South Central	59.41	54.82 - 63.84	59.33	54.44 - 64.05	0.978
North Central and Northwest	49.91	44.35 - 55.46	50.43	44.85 - 55.99	0.874
Northeast	57.70	52.72 - 62.53	56.10	51.12 - 60.95	0.573
Southeast	59.40	54.30 - 64.30	61.35	56.04 - 66.40	0.486
Ohio	64.79	60.51 - 68.85	65.90	62.24 - 69.39	0.626
Boards 2, 46, 55, and 68	51.34	49.93 - 52.74	52.77	51.42 - 54.11	0.132
Boards 3, 52, and 85	49.07	44.33 - 53.82	48.59	43.90 - 53.30	0.860
Boards 4 and 78	50.44 ^b	45.55 - 55.31	55.40	50.10 - 60.58	0.093
Boards 5 and 60	48.43 ^b	42.92 - 53.98	53.74	47.98 - 59.40	0.068
Boards 7, 15, 41, 79, and 84	46.62	41.52 - 51.80	50.31	45.15 - 55.47	0.188
Boards 8, 13, and 83	46.77	41.49 - 52.11	45.08	40.44 - 49.82	0.573
Board 9 (Butler)	50.23	45.19 - 55.27	52.83	48.16 - 57.44	0.353
Board 12	53.00	47.69 - 58.25	54.12	49.12 - 59.05	0.689
Boards 18 and 47	48.27 ^b	43.27 - 53.30	53.65	48.29 - 58.92	0.061
Boards 20, 32, 54, and 69	54.85	51.57 - 58.08	57.20	54.05 - 60.30	0.251
Boards 21, 39, 51, 70, and 80	50.28	44.92 - 55.63	51.68	46.54 - 56.78	0.616
Boards 22, 74, and 87	51.34	46.22 - 56.43	53.24	48.45 - 57.97	0.492
Boards 23 and 45	50.38	44.89 - 55.87	54.27	49.47 - 58.99	0.167
Board 25 (Franklin)	52.90	47.75 - 57.99	50.78	45.85 - 55.69	0.455
Boards 27, 71, and 73	55.49	51.94 - 58.98	54.64	51.06 - 58.18	0.696
Boards 28, 43, and 67	37.28	32.56 - 42.27	40.68	35.69 - 45.87	0.216
Board 31 (Hamilton)	53.64 ^a	48.92 - 58.29	60.00	55.67 - 64.19	0.014
Board 48 (Lucas)	55.25	50.98 - 59.44	52.71	48.72 - 56.67	0.308
Boards 50 and 76	50.46	45.87 - 55.03	52.13	46.92 - 57.30	0.529
Board 57 (Montgomery)	53.25	48.50 - 57.93	53.12	48.71 - 57.48	0.961
Board 77 (Summit)	48.87	44.03 - 53.73	48.06	43.35 - 52.81	0.769
Oklahoma	51.48	46.81 - 56.13	53.91	49.43 - 58.33	0.359
Central	42.67	39.85 - 45.52	44.50	41.77 - 47.26	0.277
East Central	48.13	42.30 - 54.02	47.06	41.19 - 53.01	0.727
Northeast	35.36	29.78 - 41.37	39.89	33.99 - 46.09	0.141
Northwest and Southwest	43.09	37.76 - 48.59	46.04	41.01 - 51.15	0.321
Oklahoma County	39.77	34.41 - 45.39	40.65	35.21 - 46.33	0.762
Southeast	46.03	40.90 - 51.24	48.74	43.95 - 53.55	0.343
Tulsa County	36.07	30.84 - 41.64	39.78	34.45 - 45.37	0.206
Oregon	48.46	43.19 - 53.76	47.11	41.99 - 52.30	0.646
Region 1 (Multnomah)	54.69 ^a	51.87 - 57.48	59.61	56.98 - 62.19	0.005
Region 2	57.87 ^a	52.81 - 62.76	66.57	61.93 - 70.90	0.002
Region 3	57.05	52.64 - 61.34	61.47	56.79 - 65.96	0.110
Region 4	53.23 ^a	48.68 - 57.74	58.27	54.36 - 62.08	0.050
Region 5 (Central)	52.45	46.71 - 58.13	54.96	49.60 - 60.21	0.436
Region 6 (Eastern)	--	-- --	60.63	54.57 - 66.38	--
	--	-- --	47.56	40.28 - 54.95	--

See notes at end of table.

(continued)

Table 8 Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Pennsylvania¹	51.94 ^a	50.42 - 53.45	55.09	53.73 - 56.44	0.002
Region 1 (Allegheny)	58.90	55.13 - 62.56	60.60	56.92 - 64.17	0.462
Regions 3, 8, 9, and 51	--	-- --	53.54	48.87 - 58.14	--
Regions 4, 11, 37, and 49	54.76	50.26 - 59.17	52.65	48.36 - 56.90	0.432
Regions 5, 18, 23, 24, and 46	44.00 ^a	39.51 - 48.60	50.62	45.90 - 55.33	0.016
Regions 6, 12, 16, 31, 35, 45, and 47	--	-- --	52.71	48.45 - 56.92	--
Regions 7, 13, 20, and 33	57.89 ^a	54.93 - 60.80	62.03	59.11 - 64.86	0.029
Regions 10, 15, 27, 32, 43, and 44	--	-- --	47.53	42.89 - 52.22	--
Regions 17 and 21	53.02	47.16 - 58.81	55.41	50.04 - 60.65	0.425
Regions 19, 26, 28, and 42	49.18	45.51 - 52.85	52.30	48.71 - 55.88	0.176
Regions 22, 38, 40, 41, and 48	50.41	45.91 - 54.91	52.35	47.98 - 56.70	0.477
Regions 29 and 34	51.83	46.69 - 56.93	54.12	49.39 - 58.77	0.416
Regions 30 and 50	--	-- --	53.83	49.32 - 58.27	--
Region 36 (Philadelphia)	44.63 ^a	41.03 - 48.30	52.31	48.83 - 55.77	0.000
Rhode Island	59.43 ^b	56.51 - 62.28	62.68	59.88 - 65.39	0.078
Bristol and Newport	64.00	58.03 - 69.57	68.49	62.97 - 73.53	0.142
Kent	60.59	54.77 - 66.13	63.99	58.85 - 68.83	0.269
Providence	56.72	52.96 - 60.41	59.93	56.42 - 63.35	0.166
Washington	66.23	60.60 - 71.43	68.08	62.65 - 73.07	0.500
South Carolina	43.46 ^a	40.64 - 46.32	49.02	46.41 - 51.65	0.002
Region 1	42.26	37.57 - 47.09	46.45	42.07 - 50.88	0.132
Region 2	44.74 ^a	40.78 - 48.76	50.34	46.15 - 54.52	0.034
Region 3	40.23 ^a	35.01 - 45.67	46.62	41.38 - 51.94	0.032
Region 4	45.44 ^a	40.31 - 50.68	51.64	47.41 - 55.84	0.027
South Dakota	57.35	54.68 - 59.97	57.00	54.44 - 59.52	0.843
Region 1	--	-- --	55.64	50.88 - 60.31	--
Region 2	--	-- --	52.31	46.27 - 58.28	--
Region 3	--	-- --	58.53	54.10 - 62.82	--
Region 4	--	-- --	55.59	50.18 - 60.86	--
Region 5	--	-- --	59.17	55.19 - 63.03	--
Tennessee	36.73 ^a	34.24 - 39.29	40.04	37.45 - 42.70	0.049
Region 1	35.45	29.79 - 41.56	35.57	30.22 - 41.30	0.971
Region 2	37.87	32.89 - 43.12	41.32	36.49 - 46.31	0.230
Region 3	--	-- --	36.13	31.31 - 41.26	--
Region 4 (Davidson)	43.77	38.62 - 49.07	44.45	39.04 - 49.99	0.820
Region 5	--	-- --	44.08	39.31 - 48.95	--
Region 6	29.93	24.90 - 35.49	34.70	29.11 - 40.75	0.107
Region 7 (Shelby)	40.97	35.80 - 46.34	38.93	33.80 - 44.32	0.473

See notes at end of table.

(continued)

Table 8 Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Texas	47.29	45.95 - 48.64	48.51	47.11 - 49.91	0.213
Region 1	51.22	46.22 - 56.19	48.69	43.84 - 53.55	0.348
Region 2	42.98	37.56 - 48.56	43.91	38.38 - 49.58	0.754
Region 3	49.13	46.96 - 51.31	51.19	48.97 - 53.39	0.152
Region 3a	49.55	46.87 - 52.24	50.84	47.93 - 53.75	0.485
Region 3bc	48.40	44.81 - 52.01	51.79	48.45 - 55.11	0.125
Region 4	39.70	34.75 - 44.87	43.97	38.93 - 49.15	0.150
Region 5	42.21	36.96 - 47.63	45.04	40.18 - 50.00	0.299
Region 6	48.63	46.23 - 51.03	48.50	45.91 - 51.11	0.941
Region 6a	48.76	46.16 - 51.36	48.34	45.57 - 51.11	0.817
Region 6bc	47.58	42.46 - 52.75	49.91	44.35 - 55.47	0.408
Region 7	54.35	51.48 - 57.20	54.77	51.72 - 57.79	0.813
Region 7a	57.73	53.90 - 61.47	57.92	53.94 - 61.80	0.933
Region 7bcd	49.33	45.22 - 53.45	49.48	45.06 - 53.90	0.948
Region 8	46.04	42.43 - 49.70	47.20	43.64 - 50.78	0.595
Region 9	42.77	37.21 - 48.53	44.21	38.81 - 49.76	0.611
Region 10	43.59	38.29 - 49.04	45.27	40.78 - 49.85	0.544
Region 11	38.43	34.99 - 41.98	39.62	36.31 - 43.03	0.552
Region 11abd	40.66	36.20 - 45.28	41.43	37.28 - 45.71	0.759
Region 11c (Hidalgo)	33.90	29.33 - 38.79	36.41	31.67 - 41.43	0.320
Utah	29.17	26.73 - 31.74	27.68	25.33 - 30.16	0.368
Bear River, Northeastern, Summit, Tooele, and Wasatch	29.29 ^a	24.77 - 34.27	22.76	18.83 - 27.25	0.009
Central, Four Corners, San Juan, and Southwest	23.91	19.38 - 29.11	27.20	22.25 - 32.78	0.245
Davis County	29.03	24.05 - 34.56	27.85	23.20 - 33.03	0.679
Salt Lake County	35.14	31.42 - 39.04	32.79	29.28 - 36.50	0.310
Utah County	19.75	16.18 - 23.89	19.90	16.42 - 23.90	0.944
Weber, Morgan	26.72	21.99 - 32.06	28.69	23.94 - 33.97	0.465
Vermont	58.24	55.46 - 60.96	59.86	57.16 - 62.50	0.368
Champlain Valley	62.39	58.52 - 66.11	65.12	61.46 - 68.62	0.232
Rural Northeast	53.95	49.17 - 58.66	57.79	52.97 - 62.47	0.183
Rural Southeast	58.23	52.94 - 63.34	58.12	53.29 - 62.80	0.970
Rural Southwest	54.66	49.05 - 60.16	51.99	46.32 - 57.61	0.429
Virginia	50.18 ^a	47.23 - 53.12	54.98	52.32 - 57.61	0.007
Region 1	--	-- --	55.00	50.24 - 59.68	--
Region 2	58.68	53.85 - 63.34	57.48	53.11 - 61.74	0.660
Region 3	42.15 ^b	36.99 - 47.48	48.04	42.93 - 53.19	0.053
Region 4	--	-- --	55.95	50.67 - 61.10	--
Region 5	49.63 ^a	44.65 - 54.62	56.48	51.84 - 61.01	0.015

See notes at end of table.

(continued)

Table 8 Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Washington¹	56.49	53.64 - 59.30	56.28	53.62 - 58.91	0.906
Region 1	--	-- --	51.00	46.47 - 55.51	--
East 1 (previously Region 1)	54.90	49.26 - 60.42	52.09	46.22 - 57.89	0.376
East 2 (previously Region 2)	46.26	39.93 - 52.71	49.52	43.48 - 55.58	0.322
Region 2	--	-- --	59.95	56.65 - 63.17	--
North 1 (previously Region 3)	58.76	53.58 - 63.75	59.36	54.56 - 63.98	0.839
North 2 (previously Region 4)	59.78	55.29 - 64.11	60.30	56.22 - 64.23	0.841
Region 3	--	-- --	54.64	50.73 - 58.48	--
West 1 (previously Region 5)	58.33	53.31 - 63.18	58.05	52.90 - 63.03	0.922
West 2 (previously Region 6)	53.41	47.85 - 58.89	51.48	46.28 - 56.65	0.536
West Virginia¹	36.28 ^b	33.71 - 38.93	39.30	36.60 - 42.07	0.081
Region I	41.51	35.32 - 47.97	45.22	38.50 - 52.12	0.297
Region II	--	-- --	42.91	37.32 - 48.68	--
Region III	35.84	29.98 - 42.15	36.22	30.56 - 42.29	0.909
Region IV	--	-- --	45.85	41.25 - 50.53	--
Region V	--	-- --	35.45	31.53 - 39.58	--
Region VI	--	-- --	33.71	28.65 - 39.17	--
Wisconsin	60.62	57.86 - 63.32	62.54	59.82 - 65.18	0.279
Milwaukee	58.03	52.91 - 62.98	59.69	54.61 - 64.58	0.563
Northeastern	61.89	57.25 - 66.32	59.83	55.38 - 64.12	0.445
Northern	59.94	54.09 - 65.51	59.79	53.46 - 65.81	0.963
Southeastern	62.77	57.47 - 67.79	65.11	60.10 - 69.80	0.430
Southern	--	-- --	66.01	61.12 - 70.58	--
Western	--	-- --	63.20	58.08 - 68.05	--

See notes at end of table.

(continued)

Table 8 Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Wyoming	51.94	49.19 - 54.68	51.87	49.24 - 54.49	0.970
Judicial District 1 (Laramie)	52.04	46.90 - 57.14	50.18	45.02 - 55.33	0.517
Judicial District 2	55.75	50.27 - 61.09	57.66	52.38 - 62.77	0.495
Judicial District 3	46.95	41.80 - 52.16	42.90	37.88 - 48.08	0.186
Judicial District 4	51.07	44.44 - 57.66	55.73	49.40 - 61.88	0.185
Judicial District 5	52.38	46.01 - 58.67	49.98	43.62 - 56.34	0.487
Judicial District 6	52.07	45.94 - 58.13	54.07	48.45 - 59.60	0.529
Judicial District 7 (Natrona)	52.62	47.05 - 58.13	56.11	50.65 - 61.41	0.247
Judicial District 8	49.59	42.91 - 56.29	51.29	45.13 - 57.41	0.628
Judicial District 9	54.95	48.90 - 60.86	53.08	47.23 - 58.85	0.553

ECBH = East Carolina Behavioral Health; SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2002-2004 and 2010-2012); hence, the 2002-2004 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2010-2012 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=34>.

NOTE: Substate, State, and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques, with their *p* values being the Bayes posterior probability of no change between the 2002-2004 and 2010-2012 estimates. The "Total U.S." estimates, along with the 95 percent confidence intervals and *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.10 level.

¹ Names of some of the substate regions for this State have changed across the two time periods (2002-2004 vs. 2010-2012). For details, see the methodology write-up for comparing estimates located below the tables.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2004, 2010, 2011, and 2012 (2010 Data - Revised March 2012).

Table 9 Binge Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Total United States	22.81	22.46 - 23.15	22.81	22.47 - 23.16	0.972
Northeast	24.05	23.38 - 24.73	24.61	23.88 - 25.37	0.232
Midwest	25.49	24.94 - 26.04	25.10	24.49 - 25.73	0.346
South	21.26	20.78 - 21.74	21.26	20.69 - 21.83	0.990
West	21.51	20.86 - 22.18	21.75	21.03 - 22.50	0.620
Alabama	18.72	16.85 - 20.73	20.18	18.19 - 22.33	0.258
Region 1	16.74	14.17 - 19.66	18.40	15.56 - 21.61	0.354
Region 2	20.11	17.32 - 23.23	22.71	19.54 - 26.22	0.188
Region 3	19.37	16.36 - 22.78	17.94	14.96 - 21.36	0.463
Region 4	18.66	15.97 - 21.69	20.59	17.51 - 24.04	0.318
Alaska	22.31	20.32 - 24.42	23.27	21.15 - 25.53	0.479
Anchorage	--	-- --	25.29	22.53 - 28.28	--
Northern	--	-- --	21.97	18.66 - 25.69	--
South Central	--	-- --	21.92	18.55 - 25.71	--
Southeast	21.68	18.04 - 25.84	21.45	17.78 - 25.65	0.918
Arizona	24.52	22.38 - 26.78	22.44	20.28 - 24.76	0.135
Maricopa	24.90	22.40 - 27.57	23.28	20.64 - 26.14	0.364
Pima	25.52	21.85 - 29.57	23.46	19.73 - 27.65	0.356
Rural North	23.04 ^b	19.50 - 27.00	19.01	15.56 - 23.01	0.066
Rural South	22.69	18.64 - 27.31	20.50	16.73 - 24.87	0.341
Arkansas¹	20.72	18.86 - 22.72	19.46	17.50 - 21.59	0.292
Catchment Area 1	--	-- --	20.07	16.78 - 23.82	--
Catchment Area 2	19.12	15.80 - 22.95	18.51	15.10 - 22.48	0.771
Catchment Area 3	19.12	15.97 - 22.73	18.96	15.73 - 22.69	0.936
Catchment Area 4	--	-- --	18.89	15.55 - 22.76	--
Catchment Area 5	--	-- --	20.43	17.16 - 24.15	--
Catchment Area 6	--	-- --	18.94	15.40 - 23.07	--
Catchment Area 7	--	-- --	17.88	14.48 - 21.89	--
Catchment Area 8	21.25	18.22 - 24.63	20.27	17.05 - 23.92	0.627

See notes at end of table.

(continued)

Table 9 Binge Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
California	20.80	19.75 - 21.90	21.35	20.24 - 22.51	0.477
Region 1R	--	--- --	24.16	20.50 - 28.24	--
Region 2R	--	--- --	22.53	19.19 - 26.27	--
Region 3R (Sacramento)	--	--- --	20.63	17.63 - 23.99	--
Region 4R	--	--- --	22.24	19.02 - 25.84	--
Region 5R (San Francisco)	--	--- --	24.96	21.18 - 29.15	--
Region 6 (Santa Clara)	18.17	15.46 - 21.24	19.39	16.47 - 22.69	0.506
Region 7R (Contra Costa)	--	--- --	21.26	17.88 - 25.08	--
Region 8R (Alameda)	--	--- --	20.36	17.24 - 23.89	--
Region 9R (San Mateo)	--	--- --	17.76	14.50 - 21.57	--
Region 10	24.27	20.73 - 28.20	21.91	18.56 - 25.68	0.273
Region 11 (Los Angeles)	18.71 ^a	17.02 - 20.52	20.99	19.52 - 22.53	0.044
LA SPA 1 and 5	--	--- --	23.19	19.73 - 27.06	--
LA SPA 2	--	--- --	19.50	16.65 - 22.71	--
LA SPA 3	--	--- --	17.46	14.80 - 20.49	--
LA SPA 4	--	--- --	23.64	20.14 - 27.55	--
LA SPA 6	--	--- --	21.98	18.62 - 25.74	--
LA SPA 7	--	--- --	23.01	19.68 - 26.73	--
LA SPA 8	--	--- --	21.34	18.30 - 24.73	--
Region 12R	--	--- --	21.84	18.22 - 25.94	--
Regions 13 and 19R	--	--- --	22.51	19.58 - 25.73	--
Region 13 (Riverside)	19.79	16.82 - 23.15	22.49	19.39 - 25.94	0.175
Region 19R (Imperial)	--	--- --	22.69	18.79 - 27.13	--
Region 14 (Orange)	20.51	17.92 - 23.37	18.16	15.80 - 20.79	0.146
Region 15R (Fresno)	--	--- --	21.26	17.98 - 24.95	--
Region 16R (San Diego)	--	--- --	22.83	20.14 - 25.75	--
Region 17R	--	--- --	22.91	19.72 - 26.44	--
Region 18R (San Bernardino)	--	--- --	21.52	18.75 - 24.57	--
Region 20R	--	--- --	21.71	18.28 - 25.60	--
Region 21R	--	--- --	23.92	20.40 - 27.82	--
Colorado	25.32	23.25 - 27.52	24.36	22.20 - 26.65	0.500
Region 1	26.17	22.76 - 29.90	23.52	20.03 - 27.41	0.221
Regions 2 and 7	25.60	22.99 - 28.40	25.98	23.13 - 29.05	0.842
Region 3	23.88	20.32 - 27.85	21.57	18.24 - 25.33	0.288
Region 4	24.77 ^b	20.64 - 29.42	20.34	16.50 - 24.81	0.051
Regions 5 and 6	25.10	21.41 - 29.18	22.87	18.97 - 27.29	0.325
Connecticut	24.15	22.10 - 26.33	25.22	22.99 - 27.59	0.455
Eastern	25.82	22.15 - 29.86	25.45	22.02 - 29.21	0.868
North Central	24.49	21.36 - 27.91	23.11	19.85 - 26.73	0.528
Northwestern	24.49	21.01 - 28.35	24.28	20.51 - 28.48	0.927
South Central	24.02 ^b	20.71 - 27.68	28.13	24.34 - 32.26	0.081
Southwest	22.48	18.98 - 26.41	25.43	21.65 - 29.62	0.214

See notes at end of table.

(continued)

Table 9 Binge Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Delaware	22.70	20.82 - 24.70	22.41	20.31 - 24.65	0.819
Kent	21.03	17.77 - 24.70	21.15	17.74 - 25.01	0.954
New Castle (excluding Wilmington City)	24.53	22.19 - 27.02	23.35	20.68 - 26.25	0.492
Sussex	19.56	16.44 - 23.12	21.08	17.79 - 24.78	0.463
Wilmington City	22.17	18.24 - 26.66	22.85	18.86 - 27.39	0.772
District of Columbia	25.38 ^a	23.13 - 27.77	32.09	29.72 - 34.55	0.000
Ward 1	27.14 ^a	22.91 - 31.83	39.48	34.65 - 44.53	0.000
Ward 2	31.58 ^a	27.32 - 36.18	43.87	39.41 - 48.43	0.000
Ward 3	27.67 ^a	23.91 - 31.78	35.69	31.62 - 39.98	0.001
Ward 4	21.95	18.30 - 26.09	24.41	20.34 - 29.01	0.298
Ward 5	23.13 ^b	19.46 - 27.26	27.47	23.60 - 31.70	0.079
Ward 6	26.43 ^a	22.18 - 31.17	36.02	31.17 - 41.18	0.001
Ward 7	21.51	17.84 - 25.71	23.15	19.09 - 27.78	0.499
Ward 8	21.89	18.45 - 25.76	23.64	19.89 - 27.86	0.440
Florida¹	21.60	20.53 - 22.70	20.46	19.34 - 21.64	0.128
Region A - Northwest	--	--- --	21.90	19.85 - 24.08	--
Circuit 1	23.76 ^a	20.53 - 27.33	19.56	16.78 - 22.68	0.028
Circuit 2	--	--- --	27.04	23.49 - 30.92	--
Circuit 14	--	--- --	20.51	17.08 - 24.43	--
Region B - Northeast	--	--- --	21.46	19.47 - 23.60	--
Circuits 3 and 8	--	--- --	23.47	20.33 - 26.92	--
Circuit 4	--	--- --	19.74	16.85 - 22.99	--
Circuit 7	--	--- --	22.34	19.12 - 25.92	--
Region C - Central	--	--- --	19.92	18.33 - 21.61	--
Circuit 5	17.76	14.89 - 21.04	17.06	14.21 - 20.34	0.711
Circuit 9	--	--- --	22.62	19.91 - 25.59	--
Circuit 10	19.17	16.28 - 22.44	18.39	15.51 - 21.66	0.680
Circuit 18	--	--- --	20.25	17.28 - 23.59	--
Circuit 19	20.22	17.03 - 23.83	20.03	16.69 - 23.85	0.927
Region D - Southeast	--	--- --	19.58	17.60 - 21.72	--
Circuit 15 (Palm Beach)	21.08	18.30 - 24.17	18.93	16.18 - 22.01	0.250
Circuit 17 (Broward)	22.09	19.52 - 24.90	20.08	17.60 - 22.81	0.247
Region E - Sun Coast	--	--- --	21.76	19.87 - 23.77	--
Circuit 6	--	--- --	22.22	19.03 - 25.77	--
Circuit 12	--	--- --	22.06	18.57 - 26.00	--
Circuit 13 (Hillsborough)	--	--- --	23.20	20.33 - 26.34	--
Circuit 20	20.95	18.01 - 24.24	19.52	16.50 - 22.94	0.471
Region F - Southern (Circuits 11 and 16)	19.92	17.78 - 22.26	18.48	16.35 - 20.82	0.327
Georgia	21.11	19.18 - 23.19	19.23	17.35 - 21.27	0.130
Region 1	--	--- --	18.47	15.72 - 21.57	--
Region 2	--	--- --	19.30	16.19 - 22.86	--
Region 3	--	--- --	19.65	16.74 - 22.92	--
Region 4	--	--- --	19.24	15.70 - 23.34	--
Region 5	--	--- --	19.80	16.28 - 23.87	--
Region 6	--	--- --	19.23	15.92 - 23.04	--

See notes at end of table.

(continued)

Table 9 Binge Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Hawaii	23.45	21.33 - 25.71	22.69	20.55 - 24.97	0.612
Hawaii Island	24.91	20.88 - 29.44	23.90	19.77 - 28.60	0.703
Honolulu	23.16	20.82 - 25.68	22.53	20.24 - 24.99	0.704
Kauai and Maui	23.63	20.03 - 27.65	22.35	18.79 - 26.37	0.579
Kauai	--	-- --	20.99	16.73 - 26.01	--
Maui	--	-- --	22.95	18.79 - 27.71	--
Idaho	21.26	19.42 - 23.21	20.82	18.83 - 22.97	0.729
Region 1	22.97	19.29 - 27.12	20.91	17.25 - 25.12	0.383
Region 2	22.75	19.23 - 26.70	24.61	20.70 - 29.00	0.402
Region 3	19.58	16.66 - 22.89	20.20	16.88 - 23.98	0.764
Region 4	23.26	20.34 - 26.45	22.35	19.26 - 25.77	0.651
Region 5	19.41	16.26 - 23.00	20.61	17.05 - 24.70	0.577
Region 6	20.39	17.09 - 24.13	20.44	16.94 - 24.45	0.979
Region 7	18.49	15.31 - 22.16	16.50	13.34 - 20.24	0.329
Illinois	25.78	24.63 - 26.97	25.52	24.36 - 26.71	0.746
Region I (Cook)	26.71	24.89 - 28.61	26.35	24.55 - 28.23	0.777
Region II	24.36	22.50 - 26.32	24.57	22.71 - 26.53	0.872
Region III	25.68	23.38 - 28.13	26.66	24.15 - 29.34	0.551
Region IV	25.29	22.50 - 28.30	25.21	22.20 - 28.46	0.967
Region V	26.43	23.74 - 29.31	23.99	21.23 - 26.99	0.193
Indiana	22.65	20.73 - 24.70	22.99	20.92 - 25.21	0.792
Central	22.06	19.03 - 25.41	22.12	18.83 - 25.80	0.977
East	23.31	19.76 - 27.28	21.79	18.22 - 25.85	0.483
North Central	21.47	18.22 - 25.13	22.89	19.42 - 26.77	0.525
Northeast	20.80	17.41 - 24.66	22.68	19.03 - 26.81	0.394
Northwest	22.72	19.26 - 26.59	23.05	19.53 - 27.01	0.875
Southeast	21.22	17.77 - 25.15	21.63	18.09 - 25.65	0.852
Southwest	23.23	19.48 - 27.45	23.46	19.44 - 28.02	0.920
West	27.48	23.87 - 31.41	27.26	23.45 - 31.44	0.923
Iowa	27.40	25.32 - 29.59	26.72	24.59 - 28.97	0.617
Central	27.92	24.16 - 32.01	27.73	24.06 - 31.73	0.935
North Central	26.30	22.72 - 30.23	28.64	24.57 - 33.09	0.301
Northeast	28.30	25.07 - 31.77	28.63	25.07 - 32.47	0.882
Northwest	25.84	22.09 - 29.98	23.28	19.71 - 27.28	0.286
Southeast	28.60	25.25 - 32.21	25.53	22.18 - 29.20	0.145
Southwest	25.57	21.68 - 29.89	25.99	22.05 - 30.36	0.868
Kansas	23.47	21.45 - 25.62	23.79	21.72 - 26.00	0.801
Kansas City Metro	24.19	21.21 - 27.44	25.36	22.29 - 28.70	0.556
Northeast	23.93	20.78 - 27.38	22.97	19.62 - 26.69	0.644
South Central	23.47	19.84 - 27.53	22.11	18.38 - 26.35	0.532
Southeast	22.93	19.20 - 27.14	21.56	17.67 - 26.04	0.558
West	21.33	17.80 - 25.35	23.65	19.90 - 27.85	0.309
Wichita (Sedgwick)	23.38	20.05 - 27.08	23.88	20.46 - 27.68	0.813

See notes at end of table.

(continued)

Table 9 Binge Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Kentucky	20.17	18.34 - 22.15	22.18	20.15 - 24.35	0.110
Adanta, Cumberland River, and Lifeskills	17.71	14.94 - 20.87	18.90	15.81 - 22.42	0.532
Bluegrass, Comprehend, and North Key	21.31 ^a	18.60 - 24.29	26.38	23.02 - 30.03	0.014
Communicare and River Valley	20.12	16.80 - 23.91	19.88	16.46 - 23.81	0.907
Four Rivers and Pennyroyal	20.14	16.72 - 24.06	19.79	16.27 - 23.85	0.872
Kentucky River, Mountain, and Pathways	18.75	15.65 - 22.29	19.69	16.23 - 23.67	0.641
Seven Counties	21.50	18.48 - 24.85	22.59	19.32 - 26.24	0.595
Louisiana	24.37	22.40 - 26.45	23.77	21.82 - 25.84	0.639
Regions 1 and 10	--	-- --	24.31	21.18 - 27.73	--
Region 1	22.41	18.75 - 26.54	24.65	20.74 - 29.03	0.330
Region 10 (Jefferson)	24.08	20.24 - 28.39	23.97	19.99 - 28.45	0.963
Regions 2 and 9	25.73	22.64 - 29.09	23.64	20.66 - 26.91	0.302
Region 3	25.57	21.61 - 29.98	24.23	20.35 - 28.59	0.575
Regions 4, 5, and 6	--	-- --	23.98	20.77 - 27.51	--
Regions 7 and 8	22.49	19.36 - 25.96	22.96	19.83 - 26.41	0.827
Maine¹	21.68	19.76 - 23.72	21.49	19.43 - 23.70	0.886
Aroostook/Downeast	--	-- --	20.66	17.56 - 24.15	--
Aroostook	--	-- --	20.06	16.31 - 24.40	--
Downeast	--	-- --	21.16	17.21 - 25.73	--
Central	--	-- --	21.36	17.88 - 25.31	--
Cumberland	24.00	20.74 - 27.60	23.00	19.56 - 26.84	0.650
Midcoast	21.28	17.92 - 25.08	19.41	15.82 - 23.59	0.413
Penquis	--	-- --	22.03	18.82 - 25.61	--
Western	--	-- --	22.03	18.61 - 25.88	--
York	20.81	17.63 - 24.39	20.66	17.19 - 24.62	0.945
Maryland	20.73	18.84 - 22.75	21.78	19.76 - 23.95	0.379
Anne Arundel	20.83	17.29 - 24.88	24.49	20.30 - 29.22	0.114
Baltimore City	22.66	18.96 - 26.85	24.17	20.57 - 28.18	0.502
Baltimore County	--	-- --	21.00	17.68 - 24.75	--
Montgomery	19.66	16.49 - 23.26	20.30	17.02 - 24.02	0.750
North Central	--	-- --	21.28	17.61 - 25.47	--
Northeast	--	-- --	20.43	16.83 - 24.58	--
Prince George's	19.47	16.22 - 23.20	21.81	18.27 - 25.83	0.260
South	--	-- --	21.50	17.86 - 25.66	--
West	--	-- --	22.12	18.55 - 26.15	--

See notes at end of table.

(continued)

Table 9 Binge Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Massachusetts	27.82	25.60 - 30.14	26.67	24.52 - 28.94	0.416
Boston	30.49	26.39 - 34.93	30.69	26.73 - 34.96	0.935
Central	28.45	24.25 - 33.06	26.50	22.52 - 30.90	0.464
Metrowest	26.58	23.09 - 30.39	27.05	23.60 - 30.81	0.834
Northeast	26.59	23.00 - 30.51	25.24	21.81 - 29.00	0.553
Southeast	27.01	23.58 - 30.75	24.76	21.24 - 28.65	0.312
Western	30.01	25.71 - 34.69	27.41	23.49 - 31.71	0.326
Michigan¹	24.52	23.41 - 25.66	25.23	24.05 - 26.45	0.372
Detroit City	22.64	19.82 - 25.74	21.04	18.13 - 24.29	0.403
Genesee	24.67	21.46 - 28.19	23.12	19.98 - 26.59	0.454
Kalamazoo	--	-- --	25.33	22.30 - 28.63	--
Kent	24.32	21.39 - 27.52	26.92	23.73 - 30.37	0.203
Lakeshore	--	-- --	24.72	21.83 - 27.85	--
Macomb	25.91	23.00 - 29.04	26.44	23.51 - 29.59	0.791
Mid South	--	-- --	25.43	22.67 - 28.39	--
Northern	27.32	24.45 - 30.40	26.16	23.07 - 29.52	0.565
Oakland	24.00	21.59 - 26.58	24.75	22.17 - 27.53	0.660
Pathways and Western	--	-- --	28.92	25.24 - 32.90	--
Riverhaven	24.94	21.54 - 28.68	28.45	24.66 - 32.58	0.141
Saginaw	24.17	20.64 - 28.09	26.09	22.12 - 30.50	0.406
Southeast	22.51	20.17 - 25.03	24.64	22.07 - 27.42	0.222
St. Clair	25.32	21.77 - 29.23	22.78	19.53 - 26.39	0.239
Washtenaw	25.99	23.03 - 29.18	26.26	23.23 - 29.53	0.887
Minnesota	27.49	25.36 - 29.72	26.93	24.75 - 29.24	0.683
Regions 1 and 2	28.17	23.93 - 32.84	25.59	21.18 - 30.57	0.344
Regions 3 and 4	27.53	23.98 - 31.39	26.50	22.80 - 30.55	0.656
Regions 5 and 6	29.09	25.48 - 32.99	28.20	24.49 - 32.24	0.714
Region 7A (Hennepin)	27.11	23.75 - 30.74	27.32	23.75 - 31.22	0.920
Region 7B (Ramsey)	27.92	23.74 - 32.52	27.10	22.79 - 31.88	0.740
Region 7C	25.78	22.36 - 29.52	26.34	23.00 - 29.98	0.793
Mississippi	19.67	17.80 - 21.68	19.71	17.87 - 21.69	0.970
Region 1	17.50	14.74 - 20.65	17.85	15.14 - 20.92	0.841
Region 2	17.85	14.73 - 21.46	20.49	16.98 - 24.51	0.210
Region 3	19.74	16.59 - 23.33	19.87	16.69 - 23.47	0.951
Region 4	22.14	18.88 - 25.78	19.47	16.33 - 23.06	0.190
Region 5	18.76	15.21 - 22.91	18.83	15.06 - 23.27	0.975
Region 6	21.93	18.40 - 25.93	21.88	18.24 - 26.03	0.982
Region 7	20.35	17.12 - 24.02	20.81	17.46 - 24.60	0.826

See notes at end of table.

(continued)

Table 9 Binge Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Missouri	24.92	22.91 - 27.04	23.06	21.04 - 25.21	0.144
Central	26.35	22.79 - 30.25	24.17	20.50 - 28.25	0.338
Eastern	26.85 ^a	23.92 - 30.00	23.07	20.42 - 25.96	0.035
Eastern (St. Louis City and County)	27.06 ^a	23.48 - 30.97	21.50	18.41 - 24.95	0.012
Eastern (excluding St. Louis)	26.42	22.61 - 30.61	25.79	21.82 - 30.22	0.793
Northwest	23.54	20.91 - 26.38	24.00	21.15 - 27.10	0.783
Northwest (Jackson)	24.04	20.73 - 27.69	23.96	20.53 - 27.75	0.970
Northwest (excluding Jackson)	23.08	19.59 - 26.99	24.04	20.29 - 28.23	0.663
Southeast	23.21	19.63 - 27.23	22.29	18.75 - 26.29	0.682
Southwest	22.74	19.48 - 26.35	21.19	17.79 - 25.03	0.475
Montana	27.62	25.51 - 29.83	26.64	24.53 - 28.85	0.487
Region 1	25.44	21.43 - 29.92	27.14	22.85 - 31.91	0.520
Region 2	26.49	22.79 - 30.55	25.12	21.18 - 29.51	0.567
Region 3	27.21	23.71 - 31.01	25.98	22.58 - 29.69	0.583
Region 4	29.50	26.33 - 32.88	27.85	24.59 - 31.36	0.444
Region 5	27.49	24.38 - 30.83	26.61	23.58 - 29.87	0.671
Nebraska	26.33	24.26 - 28.52	24.53	22.40 - 26.79	0.178
Regions 1 and 2	23.96	20.14 - 28.24	23.74	20.34 - 27.52	0.923
Region 1	--	-- --	23.58	19.37 - 28.38	--
Region 2	--	-- --	23.89	19.61 - 28.77	--
Region 3	26.86 ^a	23.17 - 30.89	21.94	18.57 - 25.74	0.030
Region 4	24.04	20.35 - 28.16	23.88	19.89 - 28.39	0.948
Region 5	27.66	24.49 - 31.06	25.76	22.33 - 29.51	0.385
Region 6	26.74	23.89 - 29.79	24.93	22.07 - 28.03	0.332
Nevada¹	21.77 ^a	19.51 - 24.23	25.08	22.63 - 27.70	0.046
Clark – Region 1	21.61	18.99 - 24.49	24.61	21.82 - 27.62	0.119
Region 3	21.37	17.91 - 25.30	23.17	19.48 - 27.32	0.439
Capital District	--	-- --	24.59	20.05 - 29.77	--
Rural/Frontier	--	-- --	21.89	17.40 - 27.15	--
Washoe – Region 2	22.82 ^a	19.49 - 26.53	28.74	24.75 - 33.10	0.015
New Hampshire	24.55	22.54 - 26.67	23.89	21.81 - 26.11	0.634
Central	25.40	22.68 - 28.34	24.29	21.35 - 27.49	0.548
Central 1	26.78	23.37 - 30.50	26.49	22.79 - 30.55	0.897
Central 2	24.07	20.58 - 27.95	22.16	18.52 - 26.28	0.419
Northern	25.41	21.84 - 29.34	23.50	19.86 - 27.58	0.404
Southern	23.94	21.62 - 26.43	23.79	21.34 - 26.42	0.923
Southern 1 (Rockingham)	24.25	20.85 - 28.02	24.96	21.43 - 28.85	0.755
Southern 2	23.75	21.03 - 26.71	23.06	20.23 - 26.15	0.711
New Jersey	21.43	19.36 - 23.66	23.54	21.48 - 25.73	0.116
Central	22.66	19.39 - 26.31	22.82	19.47 - 26.55	0.942
Metropolitan	19.88 ^a	16.86 - 23.30	24.01	20.78 - 27.57	0.046
Northern	21.37	18.53 - 24.50	24.15	21.05 - 27.54	0.159
Southern	21.99	18.68 - 25.69	22.87	19.55 - 26.58	0.669

See notes at end of table.

(continued)

Table 9 Binge Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
New Mexico	23.79 ^a	21.71 - 26.01	20.55	18.56 - 22.69	0.013
Region 1	20.40	17.20 - 24.01	17.85	15.07 - 21.01	0.181
Region 2	23.16 ^b	19.31 - 27.52	19.40	15.90 - 23.46	0.100
Region 3 (Bernalillo)	25.66 ^b	22.52 - 29.07	21.83	18.82 - 25.17	0.058
Region 4	23.22	19.72 - 27.14	21.60	18.25 - 25.38	0.446
Region 5	25.15 ^b	21.77 - 28.85	21.44	18.21 - 25.07	0.078
New York	23.98	22.80 - 25.21	24.16	22.97 - 25.40	0.827
Region A	22.18 ^b	20.60 - 23.85	24.01	22.39 - 25.71	0.092
Region 1	21.82	18.65 - 25.36	24.46	21.42 - 27.78	0.186
Region 2	20.24	17.79 - 22.94	22.90	20.40 - 25.62	0.120
Region 3	29.36	26.01 - 32.96	28.02	24.65 - 31.66	0.550
Region 4	19.75	17.25 - 22.51	22.21	19.34 - 25.38	0.175
Region B	--	-- --	23.65	21.84 - 25.55	--
Region 5	24.40	21.94 - 27.05	24.09	21.66 - 26.69	0.849
Region 6	23.38	20.43 - 26.63	22.85	19.76 - 26.26	0.787
Region 7	24.82	21.43 - 28.55	23.43	20.30 - 26.88	0.525
Region C	--	-- --	24.93	23.22 - 26.72	--
Region 8	26.71 ^b	23.66 - 30.01	23.16	20.17 - 26.45	0.082
Region 9	26.31	23.03 - 29.88	24.40	21.30 - 27.80	0.347
Region 10	26.08	22.68 - 29.78	25.31	21.87 - 29.09	0.723
Region 11	25.87	22.89 - 29.09	26.04	22.89 - 29.45	0.933
Region 12	26.26	23.28 - 29.48	25.75	22.65 - 29.11	0.802
Region D	26.09	23.81 - 28.49	24.34	22.08 - 26.76	0.237
Region 13	24.66	21.15 - 28.55	23.95	20.43 - 27.85	0.751
Region 14	28.89	25.12 - 32.98	26.23	22.46 - 30.39	0.250
Region 15	24.64	21.39 - 28.21	22.83	19.59 - 26.43	0.391
North Carolina	19.91	18.06 - 21.91	18.54	16.57 - 20.69	0.260
Alliance	--	-- --	18.67	15.82 - 21.89	--
Cardinal Innovations	--	-- --	18.00	14.88 - 21.61	--
CenterPoint/Guilford	--	-- --	17.99	15.11 - 21.28	--
CenterPoint	--	-- --	17.23	13.66 - 21.50	--
Guilford	--	-- --	18.81	15.22 - 23.02	--
CoastalCare	--	-- --	21.01	17.05 - 25.61	--
Eastpointe	--	-- --	15.76	12.69 - 19.41	--
ECBH	--	-- --	19.07	15.33 - 23.45	--
MeckLINK	--	-- --	20.49	16.56 - 25.07	--
Partners	--	-- --	18.47	15.20 - 22.25	--
Sandhills	--	-- --	18.06	14.58 - 22.16	--
Smoky Mountain	--	-- --	19.31	15.47 - 23.83	--
Western Highlands	--	-- --	17.91	14.43 - 22.02	--

See notes at end of table.

(continued)

Table 9 Binge Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
North Dakota	31.81	29.51 - 34.21	30.25	28.05 - 32.55	0.311
Badlands and West Central Lake Region and South Central	29.66	26.03 - 33.56	27.20	23.74 - 30.97	0.301
North Central and Northwest	28.17	24.29 - 32.42	25.97	22.01 - 30.37	0.385
Northeast	33.29 ^b	29.11 - 37.75	28.67	24.78 - 32.90	0.087
Southeast	34.87	31.03 - 38.93	32.58	28.75 - 36.65	0.343
	33.53	30.12 - 37.11	35.39	32.00 - 38.92	0.423
Ohio	23.88	22.80 - 24.99	23.72	22.60 - 24.87	0.829
Boards 2, 46, 55, and 68	22.18	19.40 - 25.23	22.84	19.60 - 26.44	0.741
Boards 3, 52, and 85	21.82	18.81 - 25.17	22.35	18.95 - 26.17	0.796
Boards 4 and 78	24.76	21.40 - 28.46	23.96	20.20 - 28.16	0.714
Boards 5 and 60	26.66	23.20 - 30.43	25.09	21.69 - 28.83	0.479
Boards 7, 15, 41, 79, and 84	23.12	19.97 - 26.61	20.66	17.60 - 24.09	0.245
Boards 8, 13, and 83	21.63	18.58 - 25.03	22.26	19.19 - 25.68	0.750
Board 9 (Butler)	24.99	21.78 - 28.51	25.72	22.29 - 29.48	0.726
Board 12	22.30	19.30 - 25.62	22.98	19.60 - 26.75	0.727
Boards 18 and 47	22.86	20.51 - 25.39	24.29	21.87 - 26.87	0.385
Boards 20, 32, 54, and 69	23.90	20.66 - 27.48	23.72	20.25 - 27.58	0.932
Boards 21, 39, 51, 70, and 80	23.61	20.48 - 27.06	23.88	20.62 - 27.46	0.898
Boards 22, 74, and 87	24.32	21.08 - 27.88	24.34	21.01 - 28.01	0.994
Boards 23 and 45	23.15	20.16 - 26.43	23.28	20.02 - 26.90	0.946
Board 25 (Franklin)	26.42	23.86 - 29.15	26.69	24.07 - 29.49	0.875
Boards 27, 71, and 73	20.99	17.95 - 24.38	21.83	18.70 - 25.32	0.674
Boards 28, 43, and 67	24.37	21.31 - 27.71	25.20	22.01 - 28.67	0.687
Board 31 (Hamilton)	26.56 ^a	23.41 - 29.97	22.56	19.80 - 25.59	0.039
Board 48 (Lucas)	25.40	22.18 - 28.91	25.27	21.80 - 29.09	0.952
Boards 50 and 76	24.64	21.45 - 28.14	22.84	19.93 - 26.04	0.374
Board 57 (Montgomery)	23.07	19.99 - 26.47	20.71	17.68 - 24.10	0.219
Board 77 (Summit)	22.45	19.50 - 25.71	24.05	21.02 - 27.36	0.417
Oklahoma	19.86	18.00 - 21.85	21.48	19.46 - 23.64	0.187
Central	21.99	18.60 - 25.80	24.84	20.92 - 29.21	0.196
East Central	17.70	14.39 - 21.58	18.96	15.52 - 22.95	0.529
Northeast	19.34	16.38 - 22.70	19.54	16.38 - 23.14	0.918
Northwest and Southwest	19.42	16.17 - 23.14	22.02	18.44 - 26.08	0.222
Oklahoma County	20.84	17.68 - 24.40	22.54	19.09 - 26.40	0.427
Southeast	18.68	15.61 - 22.19	20.61	17.17 - 24.54	0.359
Tulsa County	20.69	17.71 - 24.01	21.24	17.77 - 25.18	0.787
Oregon	20.02	18.23 - 21.95	21.42	19.50 - 23.48	0.236
Region 1 (Multnomah)	21.55 ^b	18.50 - 24.95	25.08	21.61 - 28.90	0.096
Region 2	19.99	17.31 - 22.98	19.84	16.75 - 23.34	0.935
Region 3	20.17	17.55 - 23.08	21.82	19.18 - 24.71	0.341
Region 4	18.16	15.34 - 21.38	19.50	16.29 - 23.17	0.500
Region 5 (Central)	--	-- --	21.13	17.28 - 25.57	--
Region 6 (Eastern)	--	-- --	18.62	14.89 - 23.03	--

See notes at end of table.

(continued)

Table 9 Binge Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Pennsylvania¹	23.81	22.66 - 25.00	24.86	23.67 - 26.09	0.203
Region 1 (Allegheny)	27.65	24.67 - 30.84	27.56	24.63 - 30.69	0.964
Regions 3, 8, 9, and 51	--	-- --	24.91	21.65 - 28.49	--
Regions 4, 11, 37, and 49	23.82	20.89 - 27.03	24.07	21.01 - 27.41	0.903
Regions 5, 18, 23, 24, and 46	20.62	17.90 - 23.63	22.58	19.52 - 25.97	0.298
Regions 6, 12, 16, 31, 35, 45, and 47	--	-- --	24.37	21.39 - 27.62	--
Regions 7, 13, 20, and 33	23.57	21.38 - 25.91	25.75	23.42 - 28.23	0.172
Regions 10, 15, 27, 32, 43, and 44	--	-- --	23.83	20.67 - 27.31	--
Regions 17 and 21	27.32	23.43 - 31.58	27.06	23.23 - 31.27	0.915
Regions 19, 26, 28, and 42	20.91	18.65 - 23.35	20.34	17.90 - 23.02	0.730
Regions 22, 38, 40, 41, and 48	22.04	19.24 - 25.11	23.69	20.71 - 26.95	0.388
Regions 29 and 34	22.78	19.75 - 26.12	23.76	20.25 - 27.66	0.648
Regions 30 and 50	--	-- --	24.56	21.27 - 28.17	--
Region 36 (Philadelphia)	23.32 ^a	20.93 - 25.90	28.44	25.54 - 31.52	0.005
Rhode Island	28.15	25.74 - 30.69	29.06	26.65 - 31.60	0.574
Bristol and Newport	27.98	23.91 - 32.44	30.65	26.21 - 35.48	0.309
Kent	26.60	22.93 - 30.62	27.94	23.87 - 32.40	0.592
Providence	28.20	25.26 - 31.33	29.00	26.01 - 32.19	0.690
Washington	30.16	25.95 - 34.72	29.16	25.08 - 33.60	0.703
South Carolina	21.77	19.79 - 23.88	23.03	20.92 - 25.28	0.344
Region 1	22.21	19.13 - 25.62	21.84	18.73 - 25.32	0.862
Region 2	20.89	18.36 - 23.67	22.45	19.38 - 25.86	0.394
Region 3	21.38	17.97 - 25.23	24.43	20.55 - 28.77	0.188
Region 4	22.58	19.39 - 26.13	23.91	20.64 - 27.52	0.541
South Dakota	28.81	26.68 - 31.05	28.00	25.85 - 30.25	0.550
Region 1	--	-- --	26.47	23.08 - 30.16	--
Region 2	--	-- --	26.58	22.34 - 31.31	--
Region 3	--	-- --	30.07	26.54 - 33.84	--
Region 4	--	-- --	28.18	24.37 - 32.33	--
Region 5	--	-- --	27.96	24.58 - 31.61	--
Tennessee	16.03 ^b	14.36 - 17.86	17.96	16.11 - 19.96	0.094
Region 1	16.60	13.50 - 20.25	15.51	12.59 - 18.97	0.567
Region 2	16.97	14.14 - 20.24	17.55	14.60 - 20.96	0.762
Region 3	--	-- --	16.64	13.78 - 19.96	--
Region 4 (Davidson)	17.51 ^b	14.43 - 21.09	21.30	17.79 - 25.29	0.070
Region 5	--	-- --	19.21	16.16 - 22.67	--
Region 6	15.70	12.86 - 19.04	17.11	13.89 - 20.89	0.464
Region 7 (Shelby)	16.84	13.77 - 20.44	17.44	14.39 - 20.97	0.762

See notes at end of table.

(continued)

Table 9 Binge Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Texas	23.69	22.67 - 24.75	23.62	22.48 - 24.80	0.924
Region 1	27.17	23.85 - 30.78	24.98	21.68 - 28.61	0.306
Region 2	22.00	18.79 - 25.59	22.37	18.85 - 26.33	0.856
Region 3	22.31	20.73 - 23.97	23.56	21.75 - 25.48	0.293
Region 3a	21.95	20.05 - 23.97	22.67	20.48 - 25.03	0.616
Region 3bc	22.94	20.39 - 25.70	25.11	22.35 - 28.09	0.241
Region 4	20.84	17.80 - 24.24	20.66	17.59 - 24.11	0.928
Region 5	21.43	18.18 - 25.08	22.01	18.66 - 25.77	0.784
Region 6	24.08	22.24 - 26.01	23.09	21.09 - 25.23	0.457
Region 6a	24.13	22.12 - 26.25	22.97	20.80 - 25.30	0.430
Region 6bc	23.69	20.48 - 27.23	24.08	20.35 - 28.25	0.855
Region 7	26.75	24.55 - 29.07	25.93	23.68 - 28.32	0.568
Region 7a	26.76	23.91 - 29.81	27.47	24.46 - 30.69	0.702
Region 7bcd	26.73 ^b	23.78 - 29.91	23.36	20.39 - 26.62	0.082
Region 8	23.33	20.83 - 26.02	24.02	21.28 - 26.99	0.694
Region 9	22.81	19.43 - 26.60	24.70	20.88 - 28.97	0.395
Region 10	26.06	22.44 - 30.02	23.31	20.03 - 26.93	0.214
Region 11	24.26	21.69 - 27.02	23.33	20.77 - 26.09	0.572
Region 11abd	25.28	21.99 - 28.87	24.15	20.94 - 27.69	0.586
Region 11c (Hidalgo)	22.18	18.79 - 25.99	21.86	18.53 - 25.61	0.877
Utah	15.07	13.39 - 16.91	14.95	13.32 - 16.75	0.914
Bear River, Northeastern, Summit, Tooele, and Wasatch	15.82 ^b	12.96 - 19.16	12.78	10.31 - 15.72	0.072
Central, Four Corners, San Juan, and Southwest	13.51	10.73 - 16.88	15.47	12.38 - 19.17	0.286
Davis County	15.84	13.00 - 19.15	13.82	11.11 - 17.06	0.235
Salt Lake County	16.51	14.18 - 19.13	16.81	14.50 - 19.40	0.848
Utah County	11.47	9.19 - 14.22	12.66	10.28 - 15.49	0.420
Weber, Morgan	15.42	12.46 - 18.94	15.28	12.20 - 18.99	0.941
Vermont	24.09	22.13 - 26.16	24.13	22.14 - 26.25	0.971
Champlain Valley	26.28	23.49 - 29.27	27.21	24.48 - 30.12	0.613
Rural Northeast	23.86	20.80 - 27.22	23.16	19.85 - 26.83	0.738
Rural Southeast	21.52	18.34 - 25.08	21.61	18.42 - 25.17	0.966
Rural Southwest	22.63	19.28 - 26.38	21.19	17.88 - 24.92	0.488
Virginia	21.26	19.30 - 23.37	21.95	20.01 - 24.02	0.580
Region 1	--	-- --	21.87	18.76 - 25.34	--
Region 2	21.34	18.43 - 24.57	20.69	17.74 - 23.99	0.732
Region 3	21.32	18.12 - 24.91	22.18	18.93 - 25.82	0.686
Region 4	--	-- --	22.71	19.17 - 26.69	--
Region 5	20.42	17.46 - 23.75	22.79	19.74 - 26.17	0.214

See notes at end of table.

(continued)

Table 9 Binge Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Washington¹	20.87	19.05 - 22.82	22.31	20.31 - 24.45	0.237
Region 1	--	-- --	22.80	19.77 - 26.15	--
East 1 (previously Region 1)	21.40	18.08 - 25.15	23.95	20.13 - 28.24	0.251
East 2 (previously Region 2)	20.66	16.99 - 24.89	21.25	17.47 - 25.58	0.792
Region 2	--	-- --	22.27	19.79 - 24.97	--
North 1 (previously Region 3)	22.78	19.55 - 26.37	23.06	19.75 - 26.73	0.892
North 2 (previously Region 4)	19.46	16.80 - 22.41	21.82	18.85 - 25.12	0.199
Region 3	--	-- --	22.03	19.37 - 24.93	--
West 1 (previously Region 5)	22.71	19.43 - 26.37	24.45	20.74 - 28.59	0.438
West 2 (previously Region 6)	19.51	16.54 - 22.86	19.78	16.66 - 23.33	0.887
West Virginia¹	19.36	17.61 - 21.23	19.90	18.05 - 21.88	0.634
Region I	20.47	17.01 - 24.43	20.82	17.07 - 25.14	0.875
Region II	--	-- --	21.11	17.61 - 25.09	--
Region III	18.59	15.43 - 22.22	18.46	15.11 - 22.34	0.947
Region IV	--	-- --	24.17	21.14 - 27.49	--
Region V	--	-- --	17.62	15.07 - 20.49	--
Region VI	--	-- --	17.75	14.74 - 21.23	--
Wisconsin	30.26	27.99 - 32.63	28.47	26.11 - 30.96	0.239
Milwaukee	32.18 ^a	28.00 - 36.67	27.06	23.07 - 31.46	0.045
Northeastern	29.43	25.93 - 33.18	27.38	23.91 - 31.14	0.363
Northern	29.22	24.96 - 33.88	27.10	22.46 - 32.30	0.442
Southeastern	27.96	24.10 - 32.18	29.60	25.34 - 34.25	0.531
Southern	--	-- --	29.81	25.86 - 34.09	--
Western	--	-- --	29.19	25.31 - 33.39	--

See notes at end of table.

(continued)

Table 9 Binge Alcohol Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		<i>P</i> Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Wyoming	24.70	22.67 - 26.85	22.60	20.60 - 24.72	0.101
Judicial District 1 (Laramie)	23.55	20.26 - 27.19	21.56	18.26 - 25.27	0.337
Judicial District 2	30.60	26.82 - 34.67	28.95	25.24 - 32.98	0.463
Judicial District 3	23.75	20.20 - 27.72	20.21	16.99 - 23.86	0.114
Judicial District 4	22.41	18.70 - 26.62	20.90	17.25 - 25.09	0.498
Judicial District 5	23.46	19.85 - 27.50	20.31	16.66 - 24.53	0.163
Judicial District 6	26.74	22.71 - 31.20	24.31	20.43 - 28.65	0.305
Judicial District 7 (Natrona)	23.64	20.03 - 27.68	23.48	19.96 - 27.40	0.940
Judicial District 8	22.83	19.20 - 26.92	21.93	18.22 - 26.15	0.691
Judicial District 9	25.56	21.51 - 30.09	22.45	18.60 - 26.85	0.184

ECBH = East Carolina Behavioral Health; SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2002-2004 and 2010-2012); hence, the 2002-2004 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2010-2012 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=34>.

NOTE: Substate, State, and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques, with their *p* values being the Bayes posterior probability of no change between the 2002-2004 and 2010-2012 estimates. The "Total U.S." estimates, along with the 95 percent confidence intervals and *p* values, are based on design-based (direct) estimation methods.

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

^a Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.10 level.

¹ Names of some of the substate regions for this State have changed across the two time periods (2002-2004 vs. 2010-2012). For details, see the methodology write-up for comparing estimates located below the tables.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2004, 2010, 2011, and 2012 (2010 Data - Revised March 2012).

Table 10 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Total United States	41.71 ^a	41.28 - 42.14	42.54	42.11 - 42.97	0.007
Northeast	39.45 ^a	38.63 - 40.28	40.88	40.06 - 41.70	0.012
Midwest	38.11	37.44 - 38.78	38.25	37.59 - 38.90	0.761
South	44.52	43.88 - 45.17	44.77	44.12 - 45.42	0.584
West	42.77 ^a	41.88 - 43.67	44.29	43.42 - 45.16	0.015
Alabama	47.05	44.36 - 49.76	45.00	42.52 - 47.51	0.238
Region 1	45.84	41.43 - 50.31	45.20	41.19 - 49.28	0.826
Region 2	47.70	43.78 - 51.65	43.36	39.62 - 47.18	0.103
Region 3	49.21	44.55 - 53.87	48.41	44.21 - 52.63	0.784
Region 4	45.92	41.85 - 50.05	44.39	40.18 - 48.69	0.579
Alaska	41.13	38.46 - 43.86	40.02	37.39 - 42.71	0.531
Anchorage	--	-- --	41.75	38.25 - 45.34	--
Northern	--	-- --	38.37	34.33 - 42.57	--
South Central	--	-- --	39.20	34.75 - 43.83	--
Southeast	39.81	34.73 - 45.13	38.83	34.27 - 43.59	0.751
Arizona	40.02 ^a	37.40 - 42.70	44.33	41.55 - 47.15	0.016
Maricopa	39.61 ^b	36.52 - 42.79	43.85	40.44 - 47.33	0.060
Pima	38.05 ^a	33.51 - 42.81	44.17	39.33 - 49.13	0.039
Rural North	41.82	36.71 - 47.11	44.31	39.23 - 49.51	0.469
Rural South	43.02	37.55 - 48.67	46.65	41.30 - 52.08	0.292
Arkansas¹	43.57	41.03 - 46.16	43.95	41.34 - 46.58	0.829
Catchment Area 1	--	-- --	42.75	38.29 - 47.33	--
Catchment Area 2	43.59	38.52 - 48.79	41.45	36.45 - 46.63	0.528
Catchment Area 3	46.48	41.92 - 51.10	44.05	39.28 - 48.92	0.435
Catchment Area 4	--	-- --	44.03	39.11 - 49.08	--
Catchment Area 5	--	-- --	41.70	37.24 - 46.30	--
Catchment Area 6	--	-- --	47.25	42.00 - 52.57	--
Catchment Area 7	--	-- --	45.49	40.47 - 50.59	--
Catchment Area 8	43.34	39.09 - 47.69	46.24	41.94 - 50.60	0.322

See notes at end of table.

(continued)

Table 10 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
California	44.94	43.49 - 46.40	46.47	45.10 - 47.84	0.126
Region 1R	--	---	41.69	37.38 - 46.14	--
Region 2R	--	---	39.85	35.38 - 44.50	--
Region 3R (Sacramento)	--	---	46.32	42.01 - 50.68	--
Region 4R	--	---	43.24	38.98 - 47.60	--
Region 5R (San Francisco)	--	---	43.69	38.82 - 48.68	--
Region 6 (Santa Clara)	44.71	40.54 - 48.95	45.05	40.72 - 49.45	0.904
Region 7R (Contra Costa)	--	---	45.93	41.41 - 50.51	--
Region 8R (Alameda)	--	---	46.35	42.09 - 50.65	--
Region 9R (San Mateo)	--	---	45.65	40.75 - 50.63	--
Region 10	45.15	40.75 - 49.62	43.71	39.49 - 48.03	0.608
Region 11 (Los Angeles)	49.33	46.93 - 51.73	49.22	47.23 - 51.21	0.942
LA SPA 1 and 5	--	---	45.25	40.68 - 49.91	--
LA SPA 2	--	---	48.00	43.99 - 52.04	--
LA SPA 3	--	---	52.10	47.98 - 56.19	--
LA SPA 4	--	---	46.14	41.65 - 50.69	--
LA SPA 6	--	---	53.43	49.05 - 57.77	--
LA SPA 7	--	---	52.92	48.66 - 57.13	--
LA SPA 8	--	---	46.98	42.73 - 51.28	--
Region 12R	--	---	45.12	40.48 - 49.85	--
Regions 13 and 19R	--	---	47.36	43.74 - 51.00	--
Region 13 (Riverside)	45.16	41.03 - 49.36	47.03	43.18 - 50.92	0.482
Region 19R (Imperial)	--	---	51.51	46.59 - 56.39	--
Region 14 (Orange)	44.08	40.35 - 47.89	46.29	42.78 - 49.85	0.384
Region 15R (Fresno)	--	---	48.69	44.32 - 53.09	--
Region 16R (San Diego)	--	---	45.10	41.85 - 48.39	--
Region 17R	--	---	45.47	41.41 - 49.59	--
Region 18R (San Bernardino)	--	---	48.75	44.93 - 52.58	--
Region 20R	--	---	46.06	41.65 - 50.55	--
Region 21R	--	---	44.11	39.73 - 48.59	--
Colorado	37.72	35.13 - 40.37	38.34	35.81 - 40.94	0.718
Region 1	36.68	32.43 - 41.16	36.82	32.37 - 41.50	0.964
Regions 2 and 7	37.86	34.60 - 41.23	39.09	35.82 - 42.46	0.594
Region 3	38.27	33.53 - 43.23	37.21	33.11 - 41.51	0.724
Region 4	41.17	35.85 - 46.70	42.56	37.36 - 47.94	0.674
Regions 5 and 6	35.54	30.84 - 40.53	35.80	31.14 - 40.75	0.930
Connecticut	38.79 ^a	36.18 - 41.46	42.71	40.01 - 45.45	0.028
Eastern	35.57	30.86 - 40.59	39.22	34.82 - 43.80	0.234
North Central	40.52	36.66 - 44.50	42.27	38.09 - 46.57	0.530
Northwestern	38.45	34.00 - 43.11	42.90	38.39 - 47.54	0.133
South Central	38.78	34.66 - 43.06	42.60	38.19 - 47.13	0.195
Southwest	38.56 ^a	33.82 - 43.52	45.63	41.22 - 50.12	0.018

See notes at end of table.

(continued)

Table 10 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Delaware	40.16	37.58 - 42.80	41.30	38.75 - 43.89	0.520
Kent	40.73	36.22 - 45.40	42.47	38.15 - 46.91	0.554
New Castle (excluding Wilmington City)	37.81	34.72 - 41.00	40.49	37.19 - 43.89	0.235
Sussex	42.49	37.73 - 47.38	40.99	36.71 - 45.42	0.626
Wilmington City	47.36	42.02 - 52.76	44.62	39.80 - 49.55	0.396
District of Columbia	44.91 ^a	42.12 - 47.72	40.06	37.56 - 42.62	0.005
Ward 1	44.20 ^a	39.37 - 49.14	37.42	32.84 - 42.24	0.022
Ward 2	35.88 ^a	31.42 - 40.60	28.67	24.80 - 32.88	0.006
Ward 3	37.01	32.38 - 41.88	35.33	30.94 - 39.98	0.569
Ward 4	48.66	43.28 - 54.06	43.20	38.27 - 48.27	0.111
Ward 5	48.77	43.67 - 53.89	43.95	39.50 - 48.49	0.138
Ward 6	44.33 ^a	39.13 - 49.66	37.89	33.05 - 42.98	0.047
Ward 7	52.69	47.57 - 57.74	48.91	44.00 - 53.84	0.238
Ward 8	51.61	46.89 - 56.30	48.03	43.56 - 52.53	0.221
Florida¹	44.89 ^a	43.53 - 46.27	47.62	46.18 - 49.06	0.006
Region A - Northwest	--	-- --	42.56	39.90 - 45.26	--
Circuit 1	41.43	37.15 - 45.85	42.29	38.48 - 46.20	0.754
Circuit 2	--	-- --	43.30	39.06 - 47.64	--
Circuit 14	--	-- --	42.20	37.44 - 47.11	--
Region B - Northeast	--	-- --	44.88	42.34 - 47.44	--
Circuits 3 and 8	--	-- --	42.24	38.08 - 46.51	--
Circuit 4	--	-- --	47.75	43.69 - 51.83	--
Circuit 7	--	-- --	42.97	38.93 - 47.11	--
Region C - Central	--	-- --	45.37	43.12 - 47.64	--
Circuit 5	43.53	39.14 - 48.02	45.10	40.30 - 50.00	0.623
Circuit 9	--	-- --	47.54	44.10 - 51.00	--
Circuit 10	44.17	39.87 - 48.56	44.88	40.59 - 49.25	0.810
Circuit 18	--	-- --	42.63	38.46 - 46.92	--
Circuit 19	43.70	39.26 - 48.25	45.82	41.07 - 50.65	0.502
Region D - Southeast	--	-- --	49.33	46.59 - 52.08	--
Circuit 15 (Palm Beach)	42.53	38.53 - 46.62	46.20	42.14 - 50.32	0.179
Circuit 17 (Broward)	44.93 ^a	41.41 - 48.51	51.73	48.19 - 55.25	0.005
Region E - Sun Coast	--	-- --	43.31	41.03 - 45.63	--
Circuit 6	--	-- --	40.68	36.68 - 44.80	--
Circuit 12	--	-- --	41.60	37.14 - 46.20	--
Circuit 13 (Hillsborough)	--	-- --	46.38	42.73 - 50.06	--
Circuit 20	44.36	40.18 - 48.61	44.39	40.08 - 48.78	0.992
Region F - Southern (Circuits 11 and 16)	53.82 ^a	50.83 - 56.79	62.73	59.61 - 65.74	0.000
Georgia	46.31	43.77 - 48.87	44.31	41.84 - 46.81	0.235
Region 1	--	-- --	42.89	38.89 - 47.00	--
Region 2	--	-- --	44.09	39.78 - 48.49	--
Region 3	--	-- --	45.00	41.09 - 48.97	--
Region 4	--	-- --	46.66	41.48 - 51.91	--
Region 5	--	-- --	45.50	40.43 - 50.66	--
Region 6	--	-- --	43.69	39.11 - 48.39	--

See notes at end of table.

(continued)

Table 10 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Hawaii	38.36	35.54 - 41.27	40.71	38.06 - 43.43	0.210
Hawaii Island	39.74	34.70 - 45.01	40.08	35.38 - 44.98	0.918
Honolulu	38.22	35.05 - 41.48	40.42	37.34 - 43.58	0.316
Kauai and Maui	37.95	33.23 - 42.90	42.48	38.08 - 47.01	0.133
Kauai	--	-- --	40.16	34.63 - 45.94	--
Maui	--	-- --	43.50	38.24 - 48.91	--
Idaho	39.81	37.38 - 42.29	38.49	36.04 - 41.00	0.415
Region 1	36.10	31.78 - 40.66	36.53	31.84 - 41.49	0.887
Region 2	39.47	34.54 - 44.62	35.02	30.36 - 39.99	0.137
Region 3	39.57	35.35 - 43.96	40.13	35.74 - 44.68	0.846
Region 4	38.48	34.78 - 42.31	36.76	32.87 - 40.83	0.521
Region 5	42.73	38.11 - 47.49	41.21	36.70 - 45.87	0.609
Region 6	42.04	37.12 - 47.13	38.52	34.06 - 43.17	0.261
Region 7	42.60	37.88 - 47.45	41.90	37.40 - 46.54	0.811
Illinois	39.68 ^b	38.29 - 41.08	41.43	40.02 - 42.86	0.070
Region I (Cook)	42.62	40.48 - 44.78	43.09	40.87 - 45.33	0.756
Region II	37.38 ^a	35.08 - 39.74	42.15	39.89 - 44.44	0.003
Region III	36.56	33.56 - 39.67	37.79	34.70 - 40.98	0.555
Region IV	38.30	34.79 - 41.94	37.98	34.46 - 41.62	0.894
Region V	38.24	34.96 - 41.63	38.93	35.70 - 42.26	0.770
Indiana	41.39	38.87 - 43.95	38.65	36.16 - 41.20	0.107
Central	41.97	37.94 - 46.10	40.21	36.10 - 44.46	0.524
East	40.09	35.35 - 45.03	38.53	34.05 - 43.22	0.612
North Central	40.58	36.14 - 45.17	37.79	33.32 - 42.47	0.363
Northeast	42.07 ^b	37.45 - 46.82	36.91	32.40 - 41.66	0.080
Northwest	42.69	37.91 - 47.61	40.58	36.00 - 45.33	0.493
Southeast	44.28 ^a	39.30 - 49.37	38.13	33.52 - 42.96	0.049
Southwest	38.27	33.15 - 43.66	38.82	33.89 - 43.99	0.866
West	39.78	35.40 - 44.33	36.18	31.92 - 40.67	0.203
Iowa	35.23	32.83 - 37.70	36.46	34.00 - 38.99	0.436
Central	36.57	32.23 - 41.15	38.25	34.18 - 42.50	0.559
North Central	33.40	29.11 - 37.98	37.76	32.97 - 42.80	0.152
Northeast	34.82	31.11 - 38.72	33.93	30.08 - 38.01	0.728
Northwest	36.71	32.35 - 41.30	36.65	32.13 - 41.41	0.983
Southeast	34.84	30.89 - 39.01	36.21	32.20 - 40.42	0.594
Southwest	34.42	29.72 - 39.44	38.17	33.43 - 43.14	0.241
Kansas	39.67	37.09 - 42.30	38.04	35.54 - 40.61	0.323
Kansas City Metro	41.03	37.33 - 44.83	38.03	34.48 - 41.72	0.231
Northeast	37.23	32.89 - 41.78	36.81	32.47 - 41.36	0.886
South Central	38.04	33.48 - 42.82	36.94	32.28 - 41.84	0.720
Southeast	38.86	33.76 - 44.22	37.58	32.78 - 42.64	0.691
West	41.07	36.26 - 46.05	39.75	35.01 - 44.70	0.664
Wichita (Sedgwick)	40.61	36.29 - 45.09	39.37	35.13 - 43.77	0.656

See notes at end of table.

(continued)

Table 10 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Kentucky	41.35	38.74 - 44.01	42.25	39.65 - 44.90	0.615
Adanta, Cumberland River, and Lifeskills	43.89	39.33 - 48.55	43.55	39.17 - 48.03	0.910
Bluegrass, Comprehend, and North Key	40.74	36.93 - 44.65	38.66	34.65 - 42.83	0.431
Communicare and River Valley	39.43	34.74 - 44.32	43.10	38.35 - 47.98	0.245
Four Rivers and Pennyroyal	42.77	37.39 - 48.32	43.33	38.47 - 48.32	0.866
Kentucky River, Mountain, and Pathways	43.92	38.96 - 49.01	42.86	37.65 - 48.23	0.750
Seven Counties	39.00 ^b	34.77 - 43.40	44.80	40.49 - 49.20	0.060
Louisiana	42.35	39.99 - 44.75	43.31	40.85 - 45.81	0.559
Regions 1 and 10	--	-- --	43.89	40.05 - 47.82	--
Region 1	43.56	38.76 - 48.48	44.59	39.75 - 49.54	0.750
Region 10 (Jefferson)	40.83	36.11 - 45.71	43.20	38.27 - 48.27	0.461
Regions 2 and 9	42.21	38.54 - 45.97	41.49	37.64 - 45.46	0.784
Region 3	39.36	34.47 - 44.48	44.36	39.63 - 49.20	0.110
Regions 4, 5, and 6	--	-- --	42.19	38.23 - 46.26	--
Regions 7 and 8	45.36	41.35 - 49.43	46.18	42.05 - 50.37	0.763
Maine¹	36.22	33.66 - 38.87	37.50	34.86 - 40.22	0.458
Aroostook/Downeast	--	-- --	37.59	33.49 - 41.88	--
Aroostook	--	-- --	37.67	32.53 - 43.10	--
Downeast	--	-- --	37.52	32.43 - 42.91	--
Central	--	-- --	36.47	31.81 - 41.41	--
Cumberland	35.29	31.26 - 39.55	39.65	35.24 - 44.22	0.140
Midcoast	37.68	32.76 - 42.87	37.81	32.91 - 42.98	0.968
Penquis	--	-- --	35.42	31.22 - 39.86	--
Western	--	-- --	37.63	33.17 - 42.32	--
York	34.77	30.34 - 39.49	36.70	32.20 - 41.45	0.530
Maryland	43.22	40.42 - 46.06	43.43	40.79 - 46.10	0.903
Anne Arundel	39.58	34.42 - 44.99	41.18	36.20 - 46.35	0.630
Baltimore City	47.60	42.67 - 52.58	46.88	42.26 - 51.56	0.811
Baltimore County	--	-- --	43.72	38.98 - 48.58	--
Montgomery	43.67	38.94 - 48.52	44.92	40.37 - 49.56	0.680
North Central	--	-- --	40.96	36.01 - 46.11	--
Northeast	--	-- --	38.81	34.04 - 43.80	--
Prince George's	46.69	41.86 - 51.58	46.69	41.85 - 51.60	0.998
South	--	-- --	44.06	39.20 - 49.03	--
West	--	-- --	38.57	33.78 - 43.60	--

See notes at end of table.

(continued)

Table 10 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Massachusetts	34.46 ^a	31.99 - 37.02	38.81	36.37 - 41.32	0.009
Boston	37.92	33.31 - 42.75	38.32	33.75 - 43.09	0.892
Central	33.99	29.41 - 38.89	37.94	33.42 - 42.69	0.200
Metrowest	32.35 ^a	28.29 - 36.70	38.88	34.75 - 43.18	0.020
Northeast	36.15	31.92 - 40.61	39.32	35.24 - 43.56	0.260
Southeast	32.46 ^a	28.58 - 36.60	38.43	34.27 - 42.76	0.028
Western	35.99	31.53 - 40.72	39.86	35.60 - 44.28	0.190
Michigan¹	38.65	37.32 - 39.99	39.51	38.16 - 40.88	0.346
Detroit City	49.02	45.39 - 52.66	51.29	47.55 - 55.02	0.358
Genesee	39.76	35.92 - 43.72	38.58	34.66 - 42.65	0.655
Kalamazoo	--	-- --	39.84	36.15 - 43.65	--
Kent	41.07	37.14 - 45.11	41.72	38.00 - 45.55	0.800
Lakeshore	--	-- --	38.00	34.57 - 41.55	--
Macomb	36.14	32.87 - 39.54	39.75	36.38 - 43.22	0.114
Mid South	--	-- --	34.88	31.69 - 38.21	--
Northern	35.37	32.00 - 38.90	34.65	31.16 - 38.31	0.760
Oakland	38.91	35.73 - 42.18	39.93	36.65 - 43.29	0.648
Pathways and Western	--	-- --	36.61	32.65 - 40.75	--
Riverhaven	36.63	32.43 - 41.05	36.15	32.14 - 40.35	0.860
Saginaw	38.62	34.22 - 43.21	38.65	34.13 - 43.38	0.991
Southeast	38.43	35.27 - 41.70	41.10	37.94 - 44.32	0.243
St. Clair	38.56	34.25 - 43.06	39.64	35.34 - 44.10	0.711
Washtenaw	38.18	34.44 - 42.06	39.54	35.88 - 43.31	0.592
Minnesota	36.07	33.67 - 38.56	36.57	34.13 - 39.07	0.754
Regions 1 and 2	35.95	31.29 - 40.89	38.13	33.15 - 43.38	0.498
Regions 3 and 4	35.03	30.98 - 39.30	36.22	32.16 - 40.48	0.662
Regions 5 and 6	35.62	31.50 - 39.96	35.73	31.51 - 40.18	0.968
Region 7A (Hennepin)	36.31	32.30 - 40.51	37.05	33.03 - 41.26	0.780
Region 7B (Ramsey)	36.65	31.65 - 41.95	38.05	33.22 - 43.13	0.641
Region 7C	36.86	32.89 - 41.02	35.72	31.93 - 39.69	0.658
Mississippi	49.09	46.39 - 51.79	46.59	44.11 - 49.09	0.149
Region 1	51.20 ^b	46.40 - 55.98	45.93	41.89 - 50.03	0.079
Region 2	51.72	47.01 - 56.40	50.32	45.59 - 55.04	0.639
Region 3	50.62	45.93 - 55.29	45.91	41.38 - 50.51	0.110
Region 4	46.92	42.61 - 51.28	46.82	42.61 - 51.07	0.970
Region 5	50.79	45.61 - 55.95	47.08	41.69 - 52.54	0.280
Region 6	47.86	42.96 - 52.81	46.55	42.12 - 51.03	0.666
Region 7	44.97	40.34 - 49.69	44.76	40.20 - 49.40	0.944

See notes at end of table.

(continued)

Table 10 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Missouri	38.91 ^b	36.33 - 41.55	36.02	33.58 - 38.53	0.082
Central	36.53	32.34 - 40.92	35.46	31.20 - 39.96	0.699
Eastern	39.27	35.86 - 42.78	36.95	33.58 - 40.45	0.317
Eastern (St. Louis City and County)	40.12	36.00 - 44.39	38.37	34.22 - 42.70	0.539
Eastern (excluding St. Louis)	37.51	32.80 - 42.47	34.48	30.07 - 39.18	0.316
Northwest	38.85	35.32 - 42.49	36.77	33.23 - 40.45	0.374
Northwest (Jackson)	40.40	35.87 - 45.11	39.90	35.34 - 44.64	0.870
Northwest (excluding Jackson)	37.44	32.88 - 42.23	34.12	29.70 - 38.85	0.273
Southeast	37.83	33.10 - 42.80	33.76	29.41 - 38.39	0.173
Southwest	41.21 ^a	36.60 - 45.98	34.99	30.78 - 39.44	0.029
Montana	35.95	33.39 - 38.60	36.88	34.53 - 39.30	0.570
Region 1	37.10	32.15 - 42.35	37.98	33.30 - 42.89	0.781
Region 2	38.59	34.04 - 43.35	39.61	35.28 - 44.12	0.727
Region 3	36.46	32.08 - 41.07	37.58	33.58 - 41.76	0.695
Region 4	34.00	30.27 - 37.94	34.32	30.62 - 38.22	0.898
Region 5	35.60	31.68 - 39.71	37.09	33.55 - 40.77	0.556
Nebraska	36.86	34.32 - 39.48	37.23	34.76 - 39.76	0.820
Regions 1 and 2	37.31	32.53 - 42.36	39.04	35.03 - 43.20	0.549
Region 1	--	-- --	39.82	34.63 - 45.24	--
Region 2	--	-- --	38.36	33.27 - 43.71	--
Region 3	35.81	31.19 - 40.71	37.44	33.16 - 41.92	0.588
Region 4	36.31	31.74 - 41.14	37.39	32.69 - 42.33	0.723
Region 5	33.77	29.91 - 37.86	37.17	33.19 - 41.33	0.197
Region 6	39.25	35.64 - 42.98	36.71	33.21 - 40.36	0.285
Nevada¹	41.89	39.07 - 44.76	42.27	39.28 - 45.32	0.846
Clark – Region 1	42.52	39.15 - 45.95	43.18	39.66 - 46.77	0.784
Region 3	39.63	35.03 - 44.42	39.91	35.63 - 44.35	0.924
Capital District	--	-- --	40.27	34.90 - 45.88	--
Rural/Frontier	--	-- --	39.58	34.34 - 45.08	--
Washoe – Region 2	41.09	36.69 - 45.64	39.97	35.50 - 44.61	0.694
New Hampshire	32.94 ^a	30.50 - 35.47	37.73	35.22 - 40.30	0.004
Central	32.65 ^b	29.21 - 36.29	37.01	33.55 - 40.59	0.061
Central 1	32.89	28.57 - 37.51	36.33	31.95 - 40.94	0.248
Central 2	32.42 ^b	28.10 - 37.07	37.66	33.16 - 42.39	0.083
Northern	31.06 ^a	26.82 - 35.66	38.08	33.26 - 43.15	0.023
Southern	33.49 ^a	30.62 - 36.49	38.00	35.05 - 41.04	0.024
Southern 1 (Rockingham)	29.05 ^a	25.01 - 33.45	35.61	31.68 - 39.74	0.017
Southern 2	36.18	32.63 - 39.90	39.49	35.78 - 43.32	0.187
New Jersey	43.95	41.23 - 46.71	42.67	40.06 - 45.33	0.477
Central	42.36	38.08 - 46.75	38.32	34.03 - 42.79	0.161
Metropolitan	46.97	42.57 - 51.42	47.21	43.05 - 51.42	0.933
Northern	43.84	39.73 - 48.04	43.79	39.77 - 47.90	0.986
Southern	42.32	37.78 - 47.00	40.58	36.43 - 44.87	0.543

See notes at end of table.

(continued)

Table 10 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
New Mexico	46.69	43.90 - 49.50	47.92	45.08 - 50.76	0.495
Region 1	47.85	43.16 - 52.58	48.86	44.47 - 53.28	0.725
Region 2	49.28	44.22 - 54.36	50.79	45.78 - 55.80	0.639
Region 3 (Bernalillo)	44.73	40.87 - 48.65	47.56	43.18 - 51.98	0.294
Region 4	45.31	40.46 - 50.25	45.81	41.21 - 50.49	0.868
Region 5	47.38	42.79 - 52.02	46.73	42.39 - 51.12	0.826
New York	41.94	40.48 - 43.42	42.97	41.44 - 44.51	0.326
Region A	46.84	44.74 - 48.96	46.42	44.29 - 48.56	0.774
Region 1	52.22	48.13 - 56.28	53.14	49.03 - 57.20	0.730
Region 2	47.17	43.85 - 50.51	46.84	43.57 - 50.14	0.884
Region 3	40.44	36.53 - 44.48	40.72	36.86 - 44.70	0.916
Region 4	47.91	44.28 - 51.56	46.10	42.32 - 49.94	0.493
Region B	--	-- --	43.01	40.78 - 45.26	--
Region 5	40.45	37.41 - 43.57	43.44	40.55 - 46.38	0.147
Region 6	43.99	39.89 - 48.18	43.48	39.40 - 47.65	0.854
Region 7	36.45	32.15 - 40.98	40.82	36.84 - 44.93	0.115
Region C	--	-- --	38.74	36.67 - 40.86	--
Region 8	34.54	30.70 - 38.61	38.32	34.42 - 42.38	0.160
Region 9	34.93	30.98 - 39.09	38.13	34.26 - 42.15	0.231
Region 10	36.50	32.33 - 40.90	36.87	32.66 - 41.29	0.898
Region 11	38.65	34.90 - 42.54	39.86	36.13 - 43.70	0.636
Region 12	36.86	33.28 - 40.60	39.32	35.58 - 43.20	0.331
Region D	36.50	33.85 - 39.23	37.34	34.57 - 40.20	0.639
Region 13	38.12	33.77 - 42.66	39.20	34.80 - 43.79	0.719
Region 14	36.51	32.35 - 40.89	38.24	33.76 - 42.94	0.537
Region 15	35.06	30.98 - 39.36	34.79	30.85 - 38.96	0.922
North Carolina	44.96	42.29 - 47.66	43.91	41.35 - 46.50	0.548
Alliance	--	-- --	45.74	41.59 - 49.95	--
Cardinal Innovations	--	-- --	43.41	38.91 - 48.03	--
CenterPoint/Guilford	--	-- --	43.70	39.55 - 47.94	--
CenterPoint	--	-- --	42.81	37.42 - 48.37	--
Guilford	--	-- --	44.67	39.50 - 49.95	--
CoastalCare	--	-- --	41.09	36.09 - 46.28	--
Eastpointe	--	-- --	47.95	42.81 - 53.14	--
ECBH	--	-- --	43.43	38.22 - 48.78	--
MeckLINK	--	-- --	44.40	39.31 - 49.61	--
Partners	--	-- --	42.93	38.31 - 47.68	--
Sandhills	--	-- --	43.20	37.94 - 48.61	--
Smoky Mountain	--	-- --	40.01	34.60 - 45.67	--
Western Highlands	--	-- --	43.17	37.88 - 48.62	--

See notes at end of table.

(continued)

Table 10 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
North Dakota	33.41	30.94 - 35.97	35.92	33.55 - 38.36	0.120
Badlands and West Central	35.55	31.52 - 39.80	37.13	33.10 - 41.34	0.568
Lake Region and South Central	34.87	30.47 - 39.54	37.14	32.62 - 41.91	0.464
North Central and Northwest	31.58 ^a	27.55 - 35.90	37.50	33.40 - 41.79	0.034
Northeast	33.34	29.29 - 37.66	34.53	30.46 - 38.83	0.653
Southeast	31.64	28.04 - 35.48	33.71	30.40 - 37.19	0.376
Ohio	37.85	36.55 - 39.16	38.17	36.85 - 39.51	0.726
Boards 2, 46, 55, and 68	34.99	31.13 - 39.06	37.20	33.42 - 41.15	0.389
Boards 3, 52, and 85	37.25	33.15 - 41.55	36.54	32.56 - 40.70	0.789
Boards 4 and 78	38.39	34.09 - 42.89	37.24	32.74 - 41.97	0.698
Boards 5 and 60	35.61	31.56 - 39.88	33.78	29.90 - 37.89	0.491
Boards 7, 15, 41, 79, and 84	36.54	32.45 - 40.84	36.26	32.31 - 40.41	0.917
Boards 8, 13, and 83	36.46	32.50 - 40.60	37.93	34.13 - 41.90	0.575
Board 9 (Butler)	37.06	32.97 - 41.35	37.60	33.54 - 41.84	0.844
Board 12	39.80	35.55 - 44.20	38.18	34.09 - 42.45	0.561
Boards 18 and 47	39.93	36.92 - 43.02	39.28	36.37 - 42.27	0.760
Boards 20, 32, 54, and 69	34.58	30.52 - 38.88	36.50	32.24 - 40.99	0.498
Boards 21, 39, 51, 70, and 80	35.32	31.34 - 39.51	37.85	33.99 - 41.88	0.341
Boards 22, 74, and 87	36.43	32.29 - 40.78	36.22	32.31 - 40.31	0.935
Boards 23 and 45	35.13	31.05 - 39.45	36.27	32.39 - 40.33	0.668
Board 25 (Franklin)	37.78	34.72 - 40.94	39.10	35.64 - 42.67	0.580
Boards 27, 71, and 73	37.00	33.04 - 41.13	40.16	35.86 - 44.61	0.257
Boards 28, 43, and 67	36.83	32.96 - 40.87	36.20	32.47 - 40.10	0.807
Board 31 (Hamilton)	39.33	35.59 - 43.19	38.45	34.90 - 42.12	0.732
Board 48 (Lucas)	38.99	35.21 - 42.91	39.73	35.50 - 44.12	0.785
Boards 50 and 76	37.34	33.39 - 41.46	37.30	33.79 - 40.94	0.989
Board 57 (Montgomery)	40.27	36.27 - 44.39	41.63	37.56 - 45.82	0.606
Board 77 (Summit)	41.00	36.89 - 45.24	40.60	36.75 - 44.56	0.884
Oklahoma	42.99	40.21 - 45.81	43.49	40.90 - 46.11	0.781
Central	41.38	36.55 - 46.38	40.25	35.52 - 45.17	0.710
East Central	44.79	39.41 - 50.30	42.39	37.45 - 47.48	0.494
Northeast	43.10	38.33 - 47.99	42.70	38.42 - 47.08	0.890
Northwest and Southwest	41.72	36.80 - 46.81	44.78	40.13 - 49.53	0.316
Oklahoma County	45.18	40.62 - 49.83	44.77	40.47 - 49.16	0.889
Southeast	42.16	37.24 - 47.24	45.12	40.39 - 49.94	0.368
Tulsa County	42.03	37.63 - 46.56	43.33	38.77 - 48.01	0.660
Oregon	39.24	36.63 - 41.92	38.37	35.92 - 40.88	0.608
Region 1 (Multnomah)	40.12	35.77 - 44.64	35.70	31.60 - 40.01	0.127
Region 2	40.54	36.42 - 44.80	40.40	36.14 - 44.80	0.959
Region 3	38.74	34.79 - 42.85	38.27	34.74 - 41.93	0.856
Region 4	38.05	33.46 - 42.86	38.54	34.13 - 43.15	0.871
Region 5 (Central)	--	-- --	37.68	32.70 - 42.94	--
Region 6 (Eastern)	--	-- --	39.74	34.48 - 45.26	--

See notes at end of table.

(continued)

Table 10 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Pennsylvania¹	36.78	35.43 - 38.14	38.19	36.78 - 39.61	0.157
Region 1 (Allegheny)	34.27	30.96 - 37.73	37.51	34.12 - 41.02	0.173
Regions 3, 8, 9, and 51	--	-- --	36.20	32.30 - 40.29	--
Regions 4, 11, 37, and 49	33.80	30.16 - 37.65	37.97	34.22 - 41.87	0.101
Regions 5, 18, 23, 24, and 46	37.89	34.16 - 41.78	37.04	33.30 - 40.94	0.745
Regions 6, 12, 16, 31, 35, 45, and 47	--	-- --	35.93	32.45 - 39.56	--
Regions 7, 13, 20, and 33	38.60	35.80 - 41.47	37.74	34.92 - 40.65	0.677
Regions 10, 15, 27, 32, 43, and 44	--	-- --	35.19	31.36 - 39.21	--
Regions 17 and 21	34.56	30.16 - 39.23	35.18	30.94 - 39.67	0.826
Regions 19, 26, 28, and 42	37.30 ^b	34.18 - 40.52	41.37	38.18 - 44.64	0.068
Regions 22, 38, 40, 41, and 48	36.42	32.79 - 40.22	36.11	32.36 - 40.03	0.904
Regions 29 and 34	38.60	34.53 - 42.84	38.58	34.65 - 42.66	0.993
Regions 30 and 50	--	-- --	37.86	33.96 - 41.92	--
Region 36 (Philadelphia)	40.57	37.32 - 43.90	42.07	38.90 - 45.31	0.500
Rhode Island	36.74	33.97 - 39.59	37.12	34.45 - 39.88	0.830
Bristol and Newport	35.12	30.40 - 40.16	34.39	29.62 - 39.49	0.817
Kent	34.81	30.16 - 39.76	35.03	30.47 - 39.88	0.942
Providence	37.80	34.42 - 41.30	38.77	35.52 - 42.13	0.668
Washington	35.83	31.04 - 40.92	34.76	30.36 - 39.42	0.727
South Carolina	44.07	41.36 - 46.81	44.27	41.64 - 46.93	0.912
Region 1	43.13	38.83 - 47.54	45.85	41.70 - 50.06	0.358
Region 2	44.68	40.95 - 48.46	43.89	39.96 - 47.89	0.763
Region 3	45.97	41.23 - 50.79	44.87	40.39 - 49.43	0.720
Region 4	43.04	38.54 - 47.65	42.77	38.78 - 46.85	0.927
South Dakota	36.12	33.60 - 38.72	35.55	33.19 - 38.00	0.736
Region 1	--	-- --	37.94	33.94 - 42.10	--
Region 2	--	-- --	38.65	33.73 - 43.81	--
Region 3	--	-- --	32.82	29.10 - 36.77	--
Region 4	--	-- --	34.78	30.47 - 39.36	--
Region 5	--	-- --	35.15	31.67 - 38.79	--
Tennessee	46.00	43.49 - 48.52	44.68	42.15 - 47.24	0.434
Region 1	42.88	37.64 - 48.28	44.85	39.99 - 49.81	0.547
Region 2	43.16	38.69 - 47.74	42.91	38.38 - 47.56	0.931
Region 3	--	-- --	44.32	39.87 - 48.87	--
Region 4 (Davidson)	45.03	40.35 - 49.80	45.76	41.08 - 50.51	0.811
Region 5	--	-- --	43.00	38.81 - 47.30	--
Region 6	47.75	42.74 - 52.81	46.57	41.57 - 51.64	0.718
Region 7 (Shelby)	48.98	44.43 - 53.55	48.01	43.26 - 52.79	0.747

See notes at end of table.

(continued)

Table 10 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Texas	44.42	43.06 - 45.79	45.64	44.28 - 47.01	0.195
Region 1	41.54	37.41 - 45.80	42.14	38.14 - 46.24	0.823
Region 2	41.82	37.35 - 46.44	40.22	35.66 - 44.96	0.573
Region 3	44.13	42.04 - 46.24	43.71	41.39 - 46.05	0.776
Region 3a	44.30	41.68 - 46.95	44.34	41.41 - 47.31	0.982
Region 3bc	43.83	40.60 - 47.11	42.61	39.32 - 45.97	0.589
Region 4	42.05	37.87 - 46.35	41.53	37.40 - 45.79	0.848
Region 5	43.00	38.43 - 47.69	47.79	43.14 - 52.48	0.126
Region 6	44.41 ^a	42.01 - 46.83	48.55	46.07 - 51.04	0.018
Region 6a	44.51 ^a	41.90 - 47.15	48.66	45.95 - 51.38	0.028
Region 6bc	43.55	39.22 - 47.97	47.60	42.95 - 52.29	0.179
Region 7	40.42	37.85 - 43.04	40.15	37.50 - 42.85	0.879
Region 7a	41.33	38.05 - 44.69	40.03	36.56 - 43.61	0.576
Region 7bcd	39.07	35.37 - 42.90	40.35	36.59 - 44.22	0.605
Region 8	45.09	41.62 - 48.62	47.86	44.39 - 51.35	0.243
Region 9	45.61	40.84 - 50.47	42.79	38.36 - 47.33	0.334
Region 10	50.41	46.16 - 54.65	53.70	49.53 - 57.82	0.217
Region 11	51.55	48.31 - 54.77	50.60	47.58 - 53.61	0.638
Region 11abd	51.70	47.57 - 55.80	50.16	46.31 - 54.00	0.550
Region 11c (Hidalgo)	51.24	46.75 - 55.71	51.38	47.07 - 55.68	0.957
Utah	49.51	46.90 - 52.13	49.10	46.64 - 51.56	0.806
Bear River, Northeastern, Summit, Tooele, and Wasatch	49.69	45.08 - 54.29	49.07	44.68 - 53.46	0.827
Central, Four Corners, San Juan, and Southwest	48.41	43.24 - 53.62	49.30	44.50 - 54.12	0.771
Davis County	48.73	44.31 - 53.17	47.70	43.26 - 52.17	0.709
Salt Lake County	48.76	45.19 - 52.34	48.77	45.30 - 52.26	0.995
Utah County	52.90	48.84 - 56.91	50.94	46.76 - 55.12	0.453
Weber, Morgan	48.84	44.04 - 53.67	48.19	43.27 - 53.15	0.833
Vermont	35.62	33.13 - 38.20	37.69	35.21 - 40.23	0.232
Champlain Valley	34.87	31.52 - 38.38	37.25	33.83 - 40.81	0.313
Rural Northeast	34.26	30.42 - 38.32	36.71	32.54 - 41.09	0.380
Rural Southeast	37.81	33.54 - 42.28	37.89	33.85 - 42.11	0.977
Rural Southwest	36.50	31.92 - 41.35	39.96	35.41 - 44.69	0.246
Virginia	43.48	40.71 - 46.29	41.95	39.48 - 44.47	0.379
Region 1	--	-- --	40.10	35.97 - 44.37	--
Region 2	44.11	39.73 - 48.58	42.86	38.84 - 46.98	0.652
Region 3	44.95	40.20 - 49.79	42.85	38.26 - 47.57	0.499
Region 4	--	-- --	41.22	36.76 - 45.82	--
Region 5	43.11	38.85 - 47.47	41.98	37.73 - 46.36	0.692

See notes at end of table.

(continued)

Table 10 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Washington¹	38.68 ^a	36.05 - 41.37	42.20	39.68 - 44.76	0.040
Region 1	--	-- --	43.34	39.64 - 47.13	--
East 1 (previously Region 1)	39.34	34.57 - 44.33	42.08	37.43 - 46.87	0.367
East 2 (previously Region 2)	40.25	35.30 - 45.40	45.05	40.26 - 49.94	0.109
Region 2	--	-- --	41.66	38.47 - 44.92	--
North 1 (previously Region 3)	38.37	33.93 - 43.01	38.97	34.87 - 43.23	0.837
North 2 (previously Region 4)	38.06 ^b	34.20 - 42.08	43.21	39.18 - 47.34	0.058
Region 3	--	-- --	42.19	38.75 - 45.71	--
West 1 (previously Region 5)	38.25	33.91 - 42.78	42.00	37.72 - 46.42	0.185
West 2 (previously Region 6)	39.12	34.56 - 43.88	42.36	37.90 - 46.95	0.269
West Virginia¹	41.43	38.78 - 44.14	41.35	38.87 - 43.87	0.963
Region I	39.19	34.03 - 44.61	41.40	36.33 - 46.66	0.509
Region II	--	-- --	40.24	35.76 - 44.89	--
Region III	42.35	37.07 - 47.81	39.96	35.29 - 44.82	0.481
Region IV	--	-- --	40.86	36.76 - 45.08	--
Region V	--	-- --	41.21	37.46 - 45.06	--
Region VI	--	-- --	43.69	39.02 - 48.48	--
Wisconsin	33.58	31.00 - 36.25	34.59	32.00 - 37.28	0.552
Milwaukee	37.26	32.89 - 41.85	38.60	33.95 - 43.47	0.657
Northeastern	31.30	27.45 - 35.42	33.58	29.78 - 37.61	0.378
Northern	33.69	29.04 - 38.67	33.55	28.80 - 38.67	0.966
Southeastern	35.67	31.26 - 40.34	34.58	30.16 - 39.28	0.716
Southern	--	-- --	33.30	29.15 - 37.73	--
Western	--	-- --	33.90	29.61 - 38.48	--

See notes at end of table.

(continued)

Table 10 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Wyoming	37.16	34.63 - 39.76	36.41	34.04 - 38.85	0.644
Judicial District 1 (Laramie)	38.15	33.88 - 42.62	39.08	34.79 - 43.54	0.746
Judicial District 2	36.05	31.70 - 40.64	32.47	28.40 - 36.83	0.192
Judicial District 3	37.46	33.20 - 41.91	38.63	34.36 - 43.09	0.683
Judicial District 4	38.49	33.24 - 44.01	35.84	31.03 - 40.95	0.415
Judicial District 5	37.45	32.66 - 42.50	35.79	31.10 - 40.77	0.605
Judicial District 6	34.07	29.55 - 38.91	35.34	30.94 - 40.01	0.670
Judicial District 7 (Natrona)	37.58	33.02 - 42.38	34.13	29.83 - 38.72	0.243
Judicial District 8	37.15	32.17 - 42.42	37.47	32.55 - 42.66	0.922
Judicial District 9	37.25	32.39 - 42.38	36.99	32.52 - 41.71	0.934

ECBH = East Carolina Behavioral Health; SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2002-2004 and 2010-2012); hence, the 2002-2004 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2010-2012 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=34>.

NOTE: Substate, State, and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques, with their *p* values being the Bayes posterior probability of no change between the 2002-2004 and 2010-2012 estimates. The "Total U.S." estimates, along with the 95 percent confidence intervals and *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.10 level.

¹ Names of some of the substate regions for this State have changed across the two time periods (2002-2004 vs. 2010-2012). For details, see the methodology write-up for comparing estimates located below the tables.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2004, 2010, 2011, and 2012 (2010 Data - Revised March 2012).

Table 11 Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Total United States	28.72 ^a	28.27 - 29.19	25.04	24.48 - 25.61	0.000
Northeast	31.58 ^a	30.80 - 32.36	29.30	28.44 - 30.17	0.000
Midwest	31.37 ^a	30.75 - 32.00	25.76	25.11 - 26.42	0.000
South	26.79 ^a	26.18 - 27.41	22.93	22.31 - 23.57	0.000
West	26.90 ^a	26.08 - 27.73	24.50	23.68 - 25.35	0.000
Alabama	25.59 ^a	23.47 - 27.83	20.69	18.67 - 22.86	0.001
Region 1	24.55 ^a	20.83 - 28.69	17.59	14.64 - 20.98	0.002
Region 2	27.37 ^b	23.85 - 31.20	23.30	20.09 - 26.85	0.062
Region 3	23.57	19.82 - 27.79	20.05	16.76 - 23.82	0.118
Region 4	26.11 ^a	22.65 - 29.91	21.27	17.86 - 25.12	0.037
Alaska	26.36	24.25 - 28.58	23.84	21.60 - 26.22	0.106
Anchorage	--	-- --	25.57	22.51 - 28.89	--
Northern	--	-- --	20.25	16.86 - 24.13	--
South Central	--	-- --	25.03	21.02 - 29.52	--
Southeast	26.58 ^b	22.18 - 31.50	22.08	18.05 - 26.73	0.068
Arizona	27.89 ^a	25.52 - 30.40	23.70	21.52 - 26.03	0.006
Maricopa	27.54 ^a	24.71 - 30.56	23.75	21.02 - 26.71	0.042
Pima	29.45	24.79 - 34.60	27.88	23.45 - 32.79	0.565
Rural North	28.27 ^a	23.86 - 33.15	23.03	18.94 - 27.70	0.038
Rural South	27.21 ^a	21.95 - 33.21	19.39	15.61 - 23.84	0.003
Arkansas¹	24.50 ^a	22.27 - 26.88	21.59	19.67 - 23.65	0.041
Catchment Area 1	--	-- --	22.00	18.36 - 26.13	--
Catchment Area 2	24.48	20.28 - 29.23	20.71	16.61 - 25.51	0.131
Catchment Area 3	21.98	18.05 - 26.49	19.52	15.76 - 23.92	0.301
Catchment Area 4	--	-- --	20.69	16.73 - 25.31	--
Catchment Area 5	--	-- --	25.39	21.53 - 29.69	--
Catchment Area 6	--	-- --	20.40	16.31 - 25.21	--
Catchment Area 7	--	-- --	20.41	16.39 - 25.12	--
Catchment Area 8	24.01	20.00 - 28.53	21.62	18.29 - 25.36	0.328

See notes at end of table.

(continued)

Table 11 Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
California	25.17	23.92 - 26.47	25.00	23.77 - 26.27	0.846
Region 1R	--	---	30.58	25.82 - 35.79	--
Region 2R	--	---	30.29	26.00 - 34.94	--
Region 3R (Sacramento)	--	---	22.03	18.32 - 26.25	--
Region 4R	--	---	28.04	23.96 - 32.52	--
Region 5R (San Francisco)	--	---	32.73	27.67 - 38.23	--
Region 6 (Santa Clara)	23.14	19.43 - 27.32	22.42	18.72 - 26.62	0.748
Region 7R (Contra Costa)	--	---	26.48	22.22 - 31.22	--
Region 8R (Alameda)	--	---	26.28	22.57 - 30.37	--
Region 9R (San Mateo)	--	---	25.30	20.73 - 30.49	--
Region 10	29.18	24.84 - 33.93	29.56	25.50 - 33.98	0.868
Region 11 (Los Angeles)	21.26 ^b	19.26 - 23.42	23.41	21.70 - 25.21	0.094
LA SPA 1 and 5	--	---	29.33	24.79 - 34.33	--
LA SPA 2	--	---	23.28	19.71 - 27.28	--
LA SPA 3	--	---	21.19	17.80 - 25.02	--
LA SPA 4	--	---	24.59	20.39 - 29.32	--
LA SPA 6	--	---	22.54	18.78 - 26.80	--
LA SPA 7	--	---	21.86	18.37 - 25.80	--
LA SPA 8	--	---	23.88	20.34 - 27.83	--
Region 12R	--	---	23.99	19.81 - 28.74	--
Regions 13 and 19R	--	---	23.99	21.06 - 27.19	--
Region 13 (Riverside)	25.43	21.40 - 29.93	24.08	20.98 - 27.47	0.549
Region 19R (Imperial)	--	---	22.88	18.37 - 28.12	--
Region 14 (Orange)	25.76	22.34 - 29.51	24.68	21.56 - 28.09	0.609
Region 15R (Fresno)	--	---	23.07	19.16 - 27.50	--
Region 16R (San Diego)	--	---	25.75	22.60 - 29.16	--
Region 17R	--	---	24.06	20.43 - 28.10	--
Region 18R (San Bernardino)	--	---	23.86	20.54 - 27.53	--
Region 20R	--	---	24.04	20.09 - 28.48	--
Region 21R	--	---	31.47	27.04 - 36.27	--
Colorado	33.32 ^a	30.88 - 35.85	26.14	23.99 - 28.41	0.000
Region 1	33.72	29.12 - 38.66	29.67	25.74 - 33.94	0.128
Regions 2 and 7	32.59 ^a	29.24 - 36.13	26.44	23.59 - 29.51	0.004
Region 3	34.18 ^a	29.52 - 39.17	24.66	21.00 - 28.73	0.000
Region 4	32.05 ^a	26.88 - 37.71	23.50	18.97 - 28.74	0.001
Regions 5 and 6	35.95 ^a	30.83 - 41.41	23.17	18.90 - 28.06	0.000
Connecticut	33.35	31.09 - 35.69	31.27	28.93 - 33.70	0.196
Eastern	36.41	31.81 - 41.27	36.80	32.15 - 41.71	0.889
North Central	32.64 ^b	29.12 - 36.36	28.54	24.88 - 32.50	0.089
Northwestern	36.06 ^a	31.51 - 40.88	28.33	24.09 - 33.00	0.005
South Central	32.42	28.60 - 36.49	35.07	30.97 - 39.41	0.300
Southwest	30.85	26.66 - 35.38	29.18	24.97 - 33.77	0.510

See notes at end of table.

(continued)

Table 11 Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Delaware	30.48 ^b	28.22 - 32.84	27.70	25.39 - 30.12	0.082
Kent	29.41	25.14 - 34.08	27.82	23.63 - 32.44	0.558
New Castle (excluding Wilmington City)	32.71 ^b	29.80 - 35.76	29.14	26.16 - 32.32	0.082
Sussex	27.62	23.62 - 32.02	25.36	21.46 - 29.71	0.374
Wilmington City	25.36	20.58 - 30.81	22.59	18.54 - 27.22	0.273
District of Columbia	31.30 ^a	28.70 - 34.03	35.75	32.82 - 38.79	0.022
Ward 1	31.50 ^a	25.99 - 37.58	44.61	37.97 - 51.45	0.001
Ward 2	47.85 ^a	42.10 - 53.65	71.67	65.41 - 77.20	0.000
Ward 3	49.08	43.30 - 54.88	48.24	43.02 - 53.49	0.785
Ward 4	25.57	20.75 - 31.07	27.41	22.65 - 32.74	0.529
Ward 5	27.87	23.48 - 32.74	31.82	26.73 - 37.39	0.190
Ward 6	27.56	22.26 - 33.57	29.38	24.20 - 35.16	0.541
Ward 7	22.24	18.34 - 26.71	21.94	17.62 - 26.97	0.905
Ward 8	22.38	18.35 - 26.99	22.48	18.39 - 27.17	0.969
Florida¹	27.48 ^a	26.27 - 28.73	24.04	22.85 - 25.27	0.000
Region A - Northwest	--	--- --	28.36	25.80 - 31.06	--
Circuit 1	29.96 ^a	25.71 - 34.58	23.11	19.81 - 26.77	0.004
Circuit 2	--	--- --	39.08	34.20 - 44.18	--
Circuit 14	--	--- --	22.87	18.57 - 27.83	--
Region B - Northeast	--	--- --	24.65	22.33 - 27.12	--
Circuits 3 and 8	--	--- --	31.17	26.93 - 35.76	--
Circuit 4	--	--- --	21.37	17.95 - 25.24	--
Circuit 7	--	--- --	24.20	20.48 - 28.36	--
Region C - Central	--	--- --	24.82	23.02 - 26.70	--
Circuit 5	25.87	21.96 - 30.21	22.51	18.88 - 26.61	0.139
Circuit 9	--	--- --	26.75	23.64 - 30.10	--
Circuit 10	25.94 ^a	22.05 - 30.26	20.66	17.38 - 24.37	0.018
Circuit 18	--	--- --	25.96	22.56 - 29.67	--
Circuit 19	28.21	23.71 - 33.19	26.10	21.83 - 30.89	0.416
Region D - Southeast	--	--- --	20.85	18.56 - 23.33	--
Circuit 15 (Palm Beach)	25.33 ^b	21.99 - 28.98	21.85	18.76 - 25.29	0.094
Circuit 17 (Broward)	29.14 ^a	25.86 - 32.66	20.15	17.18 - 23.48	0.000
Region E - Sun Coast	--	--- --	24.73	22.77 - 26.80	--
Circuit 6	--	--- --	23.56	20.15 - 27.34	--
Circuit 12	--	--- --	27.35	23.11 - 32.04	--
Circuit 13 (Hillsborough)	--	--- --	23.46	20.69 - 26.48	--
Circuit 20	28.94	25.05 - 33.16	26.30	22.49 - 30.49	0.269
Region F - Southern (Circuits 11 and 16)	22.36	19.61 - 25.36	22.08	19.61 - 24.76	0.876
Georgia	24.03 ^a	21.82 - 26.39	20.52	18.55 - 22.63	0.012
Region 1	--	--- --	19.61	16.55 - 23.07	--
Region 2	--	--- --	21.87	18.10 - 26.17	--
Region 3	--	--- --	21.13	18.04 - 24.59	--
Region 4	--	--- --	21.54	17.29 - 26.50	--
Region 5	--	--- --	21.63	17.23 - 26.78	--
Region 6	--	--- --	18.40	15.06 - 22.28	--

See notes at end of table.

(continued)

Table 11 Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Hawaii	26.99 ^a	24.57 - 29.56	22.68	20.50 - 25.02	0.009
Hawaii Island	29.12 ^a	24.14 - 34.65	23.86	19.86 - 28.38	0.049
Honolulu	26.11 ^b	23.34 - 29.07	22.88	20.29 - 25.69	0.088
Kauai and Maui	29.18 ^a	24.61 - 34.22	20.76	17.43 - 24.55	0.001
Kauai	--	-- --	19.55	15.20 - 24.78	--
Maui	--	-- --	21.28	17.29 - 25.91	--
Idaho	26.97 ^a	24.75 - 29.31	21.84	19.87 - 23.94	0.000
Region 1	28.02	23.50 - 33.04	23.81	19.64 - 28.53	0.104
Region 2	31.67	26.58 - 37.24	33.72	28.31 - 39.60	0.504
Region 3	25.86 ^a	21.70 - 30.51	19.32	15.87 - 23.32	0.005
Region 4	31.75 ^a	27.80 - 35.98	23.58	20.37 - 27.13	0.001
Region 5	25.83 ^a	21.58 - 30.58	20.47	16.93 - 24.52	0.027
Region 6	24.49 ^a	20.06 - 29.53	19.33	15.66 - 23.61	0.026
Region 7	20.29	16.02 - 25.36	17.48	13.90 - 21.75	0.278
Illinois	29.87 ^a	28.65 - 31.13	25.49	24.31 - 26.70	0.000
Region I (Cook)	28.99 ^a	27.08 - 30.97	24.33	22.56 - 26.20	0.000
Region II	30.35 ^a	28.26 - 32.52	24.87	23.08 - 26.76	0.000
Region III	29.88	26.98 - 32.95	31.91	29.07 - 34.89	0.294
Region IV	32.65 ^a	29.34 - 36.15	25.66	22.34 - 29.28	0.002
Region V	30.11 ^a	27.04 - 33.36	24.20	21.37 - 27.28	0.002
Indiana	28.05 ^a	25.83 - 30.39	23.78	21.79 - 25.88	0.002
Central	27.48 ^a	23.88 - 31.40	19.45	16.22 - 23.15	0.000
East	27.90	22.94 - 33.47	27.33	23.00 - 32.12	0.833
North Central	28.49 ^a	23.88 - 33.59	23.48	19.78 - 27.64	0.044
Northeast	24.08	19.75 - 29.02	21.68	17.92 - 25.98	0.313
Northwest	27.92 ^a	23.53 - 32.78	21.78	18.10 - 25.96	0.013
Southeast	24.74	20.48 - 29.55	21.75	18.07 - 25.94	0.213
Southwest	28.52 ^a	23.57 - 34.05	22.20	17.88 - 27.22	0.015
West	34.22	29.49 - 39.30	36.42	31.59 - 41.54	0.433
Iowa	34.58 ^a	32.11 - 37.13	28.23	26.18 - 30.36	0.000
Central	33.76 ^a	29.17 - 38.68	26.21	22.23 - 30.62	0.004
North Central	34.61	29.81 - 39.75	33.57	29.00 - 38.47	0.705
Northeast	36.07 ^a	32.36 - 39.96	30.22	26.77 - 33.90	0.015
Northwest	35.40 ^a	30.53 - 40.58	25.56	21.74 - 29.80	0.000
Southeast	33.42 ^a	28.76 - 38.42	27.72	24.06 - 31.70	0.023
Southwest	33.12 ^a	28.06 - 38.61	25.42	20.99 - 30.43	0.005
Kansas	32.07 ^a	29.59 - 34.64	24.75	22.67 - 26.95	0.000
Kansas City Metro	32.08 ^a	28.20 - 36.22	25.25	22.28 - 28.47	0.002
Northeast	33.12 ^b	28.73 - 37.82	28.06	23.98 - 32.54	0.058
South Central	31.12 ^a	26.36 - 36.31	22.77	18.79 - 27.31	0.002
Southeast	34.29 ^a	29.28 - 39.67	23.24	18.86 - 28.27	0.000
West	30.77 ^a	25.66 - 36.40	23.24	19.19 - 27.86	0.006
Wichita (Sedgwick)	31.57 ^a	27.14 - 36.36	23.03	19.23 - 27.32	0.001

See notes at end of table.

(continued)

Table 11 Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Kentucky	29.41 ^a	27.23 - 31.68	21.55	19.54 - 23.70	0.000
Adanta, Cumberland River, and Lifeskills	25.72 ^a	21.81 - 30.07	18.93	15.64 - 22.73	0.004
Bluegrass, Comprehend, and North Key	30.29 ^a	26.68 - 34.17	24.86	21.59 - 28.44	0.016
Communicare and River Valley	30.81 ^a	26.00 - 36.07	20.62	16.80 - 25.05	0.000
Four Rivers and Pennyroyal	30.47 ^a	25.49 - 35.95	19.83	15.94 - 24.39	0.000
Kentucky River, Mountain, and Pathways	26.80 ^a	22.27 - 31.87	18.23	14.39 - 22.82	0.001
Seven Counties	31.58 ^a	27.39 - 36.09	21.94	18.51 - 25.80	0.000
Louisiana	30.83 ^a	28.56 - 33.19	24.25	22.34 - 26.28	0.000
Regions 1 and 10	--	-- --	22.01	18.96 - 25.39	--
Region 1	29.17 ^a	24.27 - 34.61	22.05	18.14 - 26.53	0.004
Region 10 (Jefferson)	34.01 ^a	28.95 - 39.46	21.97	18.00 - 26.53	0.000
Regions 2 and 9	31.06 ^a	27.28 - 35.10	25.89	22.76 - 29.29	0.022
Region 3	32.52 ^a	27.74 - 37.69	24.07	20.26 - 28.35	0.000
Regions 4, 5, and 6	--	-- --	25.19	21.70 - 29.04	--
Regions 7 and 8	27.52 ^a	23.47 - 31.99	22.76	19.30 - 26.64	0.042
Maine¹	29.48 ^a	27.29 - 31.76	24.50	22.41 - 26.71	0.000
Aroostook/Downeast	--	-- --	25.35	22.00 - 29.01	--
Aroostook	--	-- --	23.80	19.30 - 28.97	--
Downeast	--	-- --	26.74	22.40 - 31.58	--
Central	--	-- --	23.16	19.26 - 27.58	--
Cumberland	31.75 ^a	27.82 - 35.96	23.52	19.73 - 27.79	0.001
Midcoast	27.33 ^b	22.84 - 32.34	22.87	18.67 - 27.69	0.079
Penquis	--	-- --	28.99	24.45 - 33.99	--
Western	--	-- --	24.61	20.69 - 29.01	--
York	28.55 ^a	24.34 - 33.18	23.12	19.62 - 27.03	0.022
Maryland	28.19 ^a	25.95 - 30.54	24.46	22.41 - 26.64	0.011
Anne Arundel	29.84	25.06 - 35.11	28.05	23.35 - 33.29	0.506
Baltimore City	23.87	19.60 - 28.73	21.52	17.79 - 25.78	0.340
Baltimore County	--	-- --	26.18	22.12 - 30.69	--
Montgomery	30.04 ^a	25.49 - 35.03	22.90	19.37 - 26.86	0.003
North Central	--	-- --	23.29	19.44 - 27.64	--
Northeast	--	-- --	23.37	18.95 - 28.46	--
Prince George's	21.48	17.56 - 26.01	23.66	19.79 - 28.03	0.360
South	--	-- --	27.83	23.25 - 32.92	--
West	--	-- --	24.00	19.88 - 28.68	--

See notes at end of table.

(continued)

Table 11 Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Massachusetts	34.14 ^a	31.67 - 36.69	30.94	28.78 - 33.19	0.043
Boston	33.55 ^a	28.47 - 39.05	40.57	35.63 - 45.71	0.018
Central	31.18	26.62 - 36.13	28.68	24.47 - 33.29	0.333
Metrowest	35.30	31.28 - 39.54	33.70	29.77 - 37.88	0.540
Northeast	33.48 ^a	29.07 - 38.19	27.02	23.34 - 31.05	0.008
Southeast	33.99 ^a	29.70 - 38.56	26.91	23.27 - 30.90	0.004
Western	36.71 ^b	31.84 - 41.87	31.29	26.77 - 36.19	0.063
Michigan¹	30.47 ^a	29.28 - 31.69	25.79	24.63 - 26.98	0.000
Detroit City	21.31	18.46 - 24.48	19.39	16.63 - 22.48	0.314
Genesee	30.88 ^a	27.17 - 34.86	23.92	20.50 - 27.71	0.001
Kalamazoo	--	-- --	25.84	22.57 - 29.39	--
Kent	29.44 ^a	25.93 - 33.20	24.24	21.19 - 27.58	0.013
Lakeshore	--	-- --	24.40	21.28 - 27.81	--
Macomb	32.77 ^a	29.14 - 36.62	25.28	22.31 - 28.50	0.001
Mid South	--	-- --	28.71	25.52 - 32.12	--
Northern	36.29 ^a	32.86 - 39.85	30.22	26.73 - 33.96	0.008
Oakland	29.71 ^a	26.54 - 33.09	25.79	23.11 - 28.66	0.044
Pathways and Western	--	-- --	33.42	29.29 - 37.81	--
Riverhaven	32.55 ^a	28.04 - 37.41	26.81	23.04 - 30.95	0.018
Saginaw	31.09	26.22 - 36.43	27.30	22.82 - 32.29	0.134
Southeast	29.41 ^a	26.61 - 32.38	22.76	20.39 - 25.31	0.000
St. Clair	29.94 ^a	25.61 - 34.66	23.74	19.97 - 27.97	0.011
Washtenaw	32.90	28.95 - 37.10	31.69	28.52 - 35.03	0.592
Minnesota	32.21 ^a	29.92 - 34.59	25.47	23.41 - 27.64	0.000
Regions 1 and 2	33.04 ^a	28.06 - 38.44	26.40	21.93 - 31.40	0.014
Regions 3 and 4	32.13 ^a	28.00 - 36.58	26.45	22.78 - 30.47	0.016
Regions 5 and 6	37.02 ^a	32.96 - 41.27	27.46	23.54 - 31.77	0.000
Region 7A (Hennepin)	31.05 ^a	26.94 - 35.49	26.19	22.53 - 30.21	0.050
Region 7B (Ramsey)	30.00 ^b	25.28 - 35.20	25.74	21.26 - 30.80	0.096
Region 7C	29.26 ^a	25.18 - 33.71	21.99	18.91 - 25.42	0.001
Mississippi	23.87 ^b	21.74 - 26.14	21.45	19.53 - 23.51	0.073
Region 1	22.74	18.87 - 27.14	21.96	18.59 - 25.74	0.738
Region 2	19.86	16.36 - 23.89	20.29	16.44 - 24.77	0.855
Region 3	23.60	19.56 - 28.17	23.18	19.42 - 27.43	0.860
Region 4	25.24 ^a	21.14 - 29.83	19.52	16.41 - 23.05	0.009
Region 5	22.15	17.86 - 27.12	18.57	14.52 - 23.43	0.133
Region 6	24.83	20.56 - 29.66	22.60	18.74 - 26.99	0.349
Region 7	28.23 ^a	23.78 - 33.14	22.67	18.81 - 27.07	0.029

See notes at end of table.

(continued)

Table 11 Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Missouri	32.58 ^a	30.33 - 34.92	24.00	21.97 - 26.16	0.000
Central	34.93 ^a	30.68 - 39.43	28.29	23.89 - 33.16	0.011
Eastern	34.09 ^a	30.76 - 37.58	23.79	21.02 - 26.80	0.000
Eastern (St. Louis City and County)	32.53 ^a	28.69 - 36.63	22.45	19.15 - 26.14	0.000
Eastern (excluding St. Louis)	36.99 ^a	31.64 - 42.69	26.04	21.83 - 30.75	0.000
Northwest	30.40 ^a	26.90 - 34.14	23.19	20.16 - 26.54	0.000
Northwest (Jackson)	29.35 ^a	24.89 - 34.25	22.03	18.22 - 26.38	0.002
Northwest (excluding Jackson)	31.30 ^a	26.44 - 36.61	24.12	20.05 - 28.72	0.005
Southeast	31.04 ^a	26.32 - 36.20	24.03	20.03 - 28.53	0.007
Southwest	31.52 ^a	26.97 - 36.45	21.67	17.90 - 25.99	0.000
Montana	37.71 ^a	35.36 - 40.12	29.96	27.76 - 32.26	0.000
Region 1	36.56 ^a	31.40 - 42.06	27.21	22.63 - 32.33	0.001
Region 2	33.71 ^a	29.20 - 38.54	23.95	20.04 - 28.35	0.000
Region 3	36.50 ^a	32.13 - 41.11	24.62	21.15 - 28.46	0.000
Region 4	40.74 ^a	36.93 - 44.67	35.57	31.53 - 39.83	0.041
Region 5	38.41 ^a	34.60 - 42.37	32.26	28.68 - 36.06	0.011
Nebraska	33.83 ^a	31.41 - 36.35	25.18	23.10 - 27.38	0.000
Regions 1 and 2	35.53 ^a	30.29 - 41.15	23.38	19.89 - 27.26	0.000
Region 1	--	-- --	22.91	18.29 - 28.30	--
Region 2	--	-- --	23.78	19.33 - 28.88	--
Region 3	36.78 ^a	31.72 - 42.16	24.29	20.36 - 28.70	0.000
Region 4	31.65 ^a	26.87 - 36.86	22.63	18.56 - 27.29	0.001
Region 5	36.63 ^b	32.55 - 40.91	32.26	28.47 - 36.29	0.082
Region 6	31.28 ^a	27.83 - 34.96	22.43	19.58 - 25.56	0.000
Nevada¹	25.45	23.09 - 27.97	25.27	22.73 - 27.99	0.915
Clark – Region 1	24.36	21.54 - 27.43	23.25	20.23 - 26.58	0.580
Region 3	26.91	22.77 - 31.51	25.38	21.47 - 29.72	0.531
Capital District	--	-- --	26.80	21.79 - 32.48	--
Rural/Frontier	--	-- --	24.23	19.31 - 29.94	--
Washoe – Region 2	28.52 ^a	24.36 - 33.09	34.13	29.84 - 38.70	0.040
New Hampshire	35.06	32.75 - 37.44	33.93	31.68 - 36.25	0.467
Central	36.66	33.34 - 40.11	37.47	34.30 - 40.74	0.692
Central 1	37.15 ^a	33.09 - 41.39	43.39	39.28 - 47.59	0.012
Central 2	36.14 ^b	31.57 - 40.98	30.90	26.37 - 35.82	0.056
Northern	36.03	31.11 - 41.26	40.69	35.98 - 45.57	0.102
Southern	34.05 ^b	31.22 - 36.98	30.71	27.89 - 33.67	0.071
Southern 1 (Rockingham)	33.55	29.39 - 37.99	30.57	26.89 - 34.51	0.238
Southern 2	34.33	30.92 - 37.92	30.79	27.18 - 34.65	0.118
New Jersey	29.19	26.82 - 31.68	28.37	25.95 - 30.91	0.615
Central	31.95	27.92 - 36.27	31.04	26.72 - 35.72	0.729
Metropolitan	27.33	23.53 - 31.50	28.20	24.49 - 32.24	0.719
Northern	28.65	24.80 - 32.84	27.52	23.75 - 31.64	0.647
Southern	29.22	25.27 - 33.51	26.87	23.04 - 31.08	0.344

See notes at end of table.

(continued)

Table 11 Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
New Mexico	31.34 ^a	28.79 - 34.01	22.85	20.73 - 25.11	0.000
Region 1	25.49 ^a	21.58 - 29.84	17.39	14.43 - 20.81	0.000
Region 2	31.02 ^a	26.18 - 36.31	22.38	18.26 - 27.12	0.001
Region 3 (Bernalillo)	35.06 ^a	30.79 - 39.58	26.51	22.74 - 30.66	0.001
Region 4	29.04 ^a	23.99 - 34.67	22.31	18.54 - 26.60	0.013
Region 5	34.10 ^a	29.76 - 38.71	24.02	20.37 - 28.10	0.000
New York	31.54 ^a	30.23 - 32.87	29.59	28.26 - 30.95	0.037
Region A	26.24	24.43 - 28.14	26.88	25.05 - 28.79	0.600
Region 1	23.69	20.11 - 27.69	24.18	20.92 - 27.77	0.821
Region 2	24.99	22.23 - 27.96	27.33	24.53 - 30.32	0.213
Region 3	34.62	30.06 - 39.47	32.49	28.19 - 37.10	0.429
Region 4	25.34	22.06 - 28.93	25.38	22.10 - 28.96	0.985
Region B	--	-- --	30.19	28.11 - 32.35	--
Region 5	34.35 ^b	31.33 - 37.51	30.75	27.85 - 33.82	0.070
Region 6	35.47 ^a	31.56 - 39.58	28.35	24.78 - 32.21	0.002
Region 7	34.41	30.32 - 38.74	31.18	27.56 - 35.05	0.167
Region C	--	-- --	32.58	30.56 - 34.67	--
Region 8	34.31	30.28 - 38.58	30.70	27.07 - 34.60	0.119
Region 9	36.08 ^a	32.08 - 40.28	31.09	27.46 - 34.98	0.038
Region 10	39.16	34.69 - 43.83	40.39	35.39 - 45.60	0.658
Region 11	35.00	31.41 - 38.77	34.31	30.24 - 38.62	0.776
Region 12	35.34 ^a	31.71 - 39.15	30.44	26.87 - 34.26	0.030
Region D	35.33 ^a	32.59 - 38.18	31.04	28.32 - 33.91	0.013
Region 13	34.83	30.22 - 39.74	31.82	27.49 - 36.49	0.250
Region 14	37.26 ^a	32.62 - 42.13	31.56	26.86 - 36.67	0.031
Region 15	33.94	29.71 - 38.43	29.86	25.76 - 34.31	0.114
North Carolina	25.69 ^a	23.47 - 28.04	21.84	19.90 - 23.90	0.009
Alliance	--	-- --	22.15	18.62 - 26.14	--
Cardinal Innovations	--	-- --	21.63	17.84 - 25.97	--
CenterPoint/Guilford	--	-- --	20.36	17.31 - 23.80	--
CenterPoint	--	-- --	19.88	15.80 - 24.70	--
Guilford	--	-- --	20.86	16.78 - 25.61	--
CoastalCare	--	-- --	25.10	20.04 - 30.95	--
Eastpointe	--	-- --	17.02	13.77 - 20.86	--
ECBH	--	-- --	23.01	18.55 - 28.17	--
MeckLINK	--	-- --	19.99	16.12 - 24.52	--
Partners	--	-- --	22.19	18.30 - 26.64	--
Sandhills	--	-- --	21.79	17.57 - 26.69	--
Smoky Mountain	--	-- --	28.76	23.77 - 34.32	--
Western Highlands	--	-- --	23.23	18.75 - 28.41	--

See notes at end of table.

(continued)

Table 11 Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
North Dakota	42.09 ^a	39.67 - 44.55	32.42	30.14 - 34.78	0.000
Badlands and West Central Lake Region and South Central	40.72 ^a	36.54 - 45.03	28.08	24.28 - 32.22	0.000
North Central and Northwest	36.86 ^a	32.17 - 41.81	24.57	20.80 - 28.78	0.000
Northeast	42.23 ^a	37.47 - 47.15	28.93	24.77 - 33.48	0.000
Southeast	44.56 ^a	39.91 - 49.30	39.20	34.85 - 43.74	0.048
	44.85 ^a	40.66 - 49.12	38.48	34.66 - 42.45	0.015
Ohio	29.66 ^a	28.47 - 30.88	26.70	25.55 - 27.87	0.000
Boards 2, 46, 55, and 68	29.98 ^a	26.22 - 34.03	23.64	20.25 - 27.41	0.004
Boards 3, 52, and 85	29.42	25.31 - 33.89	26.04	22.35 - 30.09	0.132
Boards 4 and 78	29.99 ^b	25.76 - 34.58	25.61	21.42 - 30.30	0.071
Boards 5 and 60	30.47	25.93 - 35.44	33.53	29.48 - 37.83	0.249
Boards 7, 15, 41, 79, and 84	32.17 ^a	27.89 - 36.77	23.33	20.01 - 27.02	0.000
Boards 8, 13, and 83	27.62 ^a	23.72 - 31.90	21.61	18.44 - 25.15	0.006
Board 9 (Butler)	32.64	28.37 - 37.21	30.03	26.10 - 34.28	0.277
Board 12	26.46	22.29 - 31.10	30.45	26.26 - 34.99	0.108
Boards 18 and 47	30.15	27.35 - 33.12	29.46	26.74 - 32.34	0.717
Boards 20, 32, 54, and 69	29.80	25.71 - 34.25	26.36	22.49 - 30.63	0.130
Boards 21, 39, 51, 70, and 80	27.88 ^a	23.97 - 32.15	21.95	18.68 - 25.61	0.009
Boards 22, 74, and 87	31.30	27.09 - 35.83	29.47	25.57 - 33.69	0.453
Boards 23 and 45	29.71 ^a	25.62 - 34.16	23.55	19.98 - 27.55	0.006
Board 25 (Franklin)	30.25	27.21 - 33.46	29.51	26.59 - 32.61	0.708
Boards 27, 71, and 73	24.19 ^b	20.54 - 28.27	20.29	17.03 - 23.99	0.066
Boards 28, 43, and 67	32.35	28.61 - 36.34	30.53	26.80 - 34.52	0.428
Board 31 (Hamilton)	29.70	26.23 - 33.41	27.02	23.91 - 30.37	0.203
Board 48 (Lucas)	29.53 ^b	26.18 - 33.13	25.48	22.01 - 29.31	0.053
Boards 50 and 76	32.58 ^a	28.69 - 36.71	27.04	23.75 - 30.60	0.013
Board 57 (Montgomery)	26.87	22.86 - 31.28	24.16	20.77 - 27.91	0.233
Board 77 (Summit)	27.95	24.17 - 32.08	24.39	20.82 - 28.36	0.108
Oklahoma	28.36 ^a	26.06 - 30.78	22.66	20.61 - 24.85	0.000
Central	31.16 ^a	26.67 - 36.03	25.03	20.81 - 29.78	0.017
East Central	25.17 ^a	20.60 - 30.36	19.15	15.39 - 23.56	0.013
Northeast	29.21	24.91 - 33.92	27.27	23.30 - 31.65	0.452
Northwest and Southwest	27.83 ^a	23.38 - 32.76	22.10	18.11 - 26.68	0.026
Oklahoma County	28.01 ^b	23.50 - 33.02	23.36	19.61 - 27.57	0.066
Southeast	26.98 ^a	22.74 - 31.70	20.25	16.66 - 24.39	0.007
Tulsa County	30.04 ^a	25.77 - 34.69	21.19	17.60 - 25.29	0.000
Oregon	29.21 ^a	26.98 - 31.55	25.64	23.57 - 27.81	0.016
Region 1 (Multnomah)	28.89	24.69 - 33.49	29.89	25.79 - 34.35	0.706
Region 2	27.90 ^a	24.26 - 31.86	22.74	19.40 - 26.47	0.018
Region 3	29.64	26.13 - 33.42	27.14	23.89 - 30.66	0.271
Region 4	30.04 ^b	25.92 - 34.51	25.22	21.16 - 29.77	0.055
Region 5 (Central)	--	-- --	23.87	19.26 - 29.18	--
Region 6 (Eastern)	--	-- --	20.27	15.94 - 25.42	--

See notes at end of table.

(continued)

Table 11 Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Pennsylvania¹	30.70 ^a	29.46 - 31.96	27.68	26.41 - 29.00	0.001
Region 1 (Allegheny)	37.23 ^a	34.05 - 40.51	31.85	28.53 - 35.37	0.011
Regions 3, 8, 9, and 51	--	-- --	28.63	24.78 - 32.83	--
Regions 4, 11, 37, and 49	33.78 ^a	30.15 - 37.61	25.12	21.79 - 28.77	0.000
Regions 5, 18, 23, 24, and 46	27.31	23.85 - 31.08	25.94	22.15 - 30.14	0.558
Regions 6, 12, 16, 31, 35, 45, and 47	--	-- --	34.31	30.11 - 38.77	--
Regions 7, 13, 20, and 33	31.19 ^b	28.63 - 33.88	27.86	25.32 - 30.55	0.051
Regions 10, 15, 27, 32, 43, and 44	--	-- --	25.02	21.41 - 29.00	--
Regions 17 and 21	32.60	28.09 - 37.45	30.87	26.49 - 35.62	0.504
Regions 19, 26, 28, and 42	27.35 ^a	24.34 - 30.57	22.52	19.89 - 25.40	0.010
Regions 22, 38, 40, 41, and 48	30.34 ^a	26.62 - 34.33	25.85	22.51 - 29.50	0.040
Regions 29 and 34	28.56 ^b	24.48 - 33.02	24.29	20.63 - 28.37	0.068
Regions 30 and 50	--	-- --	27.48	23.56 - 31.79	--
Region 36 (Philadelphia)	24.99 ^a	22.11 - 28.11	30.14	26.95 - 33.53	0.013
Rhode Island	37.85 ^a	35.36 - 40.40	31.40	29.04 - 33.86	0.000
Bristol and Newport	39.68 ^b	34.91 - 44.65	34.80	29.62 - 40.36	0.092
Kent	35.63 ^a	30.98 - 40.56	27.33	23.43 - 31.61	0.001
Providence	37.56 ^a	34.34 - 40.89	29.48	26.52 - 32.63	0.000
Washington	39.85	35.12 - 44.77	40.53	35.72 - 45.52	0.809
South Carolina	25.18	22.98 - 27.51	22.95	20.96 - 25.07	0.108
Region 1	26.16	22.50 - 30.19	24.35	21.02 - 28.02	0.419
Region 2	26.05	22.96 - 29.39	23.66	20.71 - 26.89	0.230
Region 3	21.59	17.68 - 26.08	19.62	16.14 - 23.65	0.384
Region 4	25.60	21.73 - 29.90	22.75	19.41 - 26.47	0.208
South Dakota	38.26 ^a	35.82 - 40.75	27.68	25.60 - 29.87	0.000
Region 1	--	-- --	25.62	22.01 - 29.60	--
Region 2	--	-- --	24.16	19.88 - 29.04	--
Region 3	--	-- --	33.32	29.79 - 37.05	--
Region 4	--	-- --	29.80	25.36 - 34.65	--
Region 5	--	-- --	24.24	21.03 - 27.77	--
Tennessee	23.20 ^a	20.95 - 25.62	19.71	17.78 - 21.80	0.013
Region 1	26.94 ^a	21.66 - 32.97	18.72	14.94 - 23.20	0.002
Region 2	23.33	19.21 - 28.04	20.11	16.58 - 24.18	0.170
Region 3	--	-- --	18.67	15.23 - 22.68	--
Region 4 (Davidson)	24.93	20.51 - 29.96	22.09	17.95 - 26.86	0.264
Region 5	--	-- --	21.23	17.81 - 25.10	--
Region 6	22.10	17.81 - 27.08	19.98	16.16 - 24.43	0.376
Region 7 (Shelby)	21.00 ^a	17.12 - 25.48	16.76	13.55 - 20.56	0.049

See notes at end of table.

(continued)

Table 11 Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Texas	26.89 ^a	25.67 - 28.16	23.23	22.06 - 24.43	0.000
Region 1	34.38	29.63 - 39.46	29.93	25.76 - 34.46	0.103
Region 2	27.73	23.12 - 32.85	24.83	20.48 - 29.76	0.238
Region 3	25.03 ^a	23.00 - 27.18	22.43	20.58 - 24.39	0.044
Region 3a	24.45	22.03 - 27.05	21.87	19.51 - 24.44	0.109
Region 3bc	26.05	22.77 - 29.62	23.39	20.88 - 26.10	0.164
Region 4	24.82 ^b	20.76 - 29.38	20.72	17.51 - 24.35	0.075
Region 5	27.55 ^a	23.48 - 32.02	22.73	19.18 - 26.73	0.038
Region 6	25.62 ^a	23.60 - 27.75	21.16	19.13 - 23.35	0.002
Region 6a	25.41 ^a	23.23 - 27.71	20.84	18.66 - 23.21	0.003
Region 6bc	27.43	23.32 - 31.96	23.95	20.06 - 28.32	0.134
Region 7	31.09	28.26 - 34.06	28.34	25.83 - 30.98	0.108
Region 7a	31.62 ^b	27.90 - 35.60	27.50	24.29 - 30.95	0.058
Region 7bcd	30.40	26.47 - 34.63	29.58	25.94 - 33.50	0.737
Region 8	25.80	22.55 - 29.33	23.23	20.30 - 26.44	0.212
Region 9	29.49 ^a	24.97 - 34.46	24.58	20.51 - 29.16	0.047
Region 10	29.24	24.84 - 34.07	25.52	21.71 - 29.75	0.126
Region 11	26.96 ^a	23.95 - 30.18	21.53	19.04 - 24.25	0.001
Region 11abd	29.03 ^a	25.06 - 33.34	22.47	19.18 - 26.14	0.004
Region 11c (Hidalgo)	23.12	18.97 - 27.87	20.07	16.69 - 23.94	0.175
Utah	19.10 ^a	16.82 - 21.61	15.06	13.15 - 17.19	0.010
Bear River, Northeastern, Summit, Tooele, and Wasatch	20.37 ^a	16.30 - 25.15	12.84	9.95 - 16.43	0.002
Central, Four Corners, San Juan, and Southwest	15.89	11.97 - 20.78	15.89	12.32 - 20.25	0.998
Davis County	18.62 ^a	14.60 - 23.44	13.37	10.36 - 17.10	0.025
Salt Lake County	22.98 ^a	19.54 - 26.83	16.48	13.78 - 19.59	0.004
Utah County	13.50	10.17 - 17.71	14.57	11.48 - 18.32	0.640
Weber, Morgan	18.61 ^b	14.43 - 23.66	14.81	11.57 - 18.78	0.087
Vermont	34.00	31.68 - 36.39	33.49	31.12 - 35.96	0.754
Champlain Valley	35.60 ^b	32.22 - 39.14	39.65	36.29 - 43.12	0.074
Rural Northeast	33.24	29.31 - 37.42	30.31	26.27 - 34.68	0.243
Rural Southeast	33.82 ^a	29.65 - 38.26	28.58	24.59 - 32.94	0.041
Rural Southwest	31.13 ^b	26.43 - 36.24	26.14	22.01 - 30.75	0.073
Virginia	29.13 ^a	26.97 - 31.40	25.80	23.66 - 28.06	0.024
Region 1	--	-- --	29.15	25.48 - 33.12	--
Region 2	28.94 ^a	25.07 - 33.14	20.54	17.37 - 24.13	0.000
Region 3	30.69	26.38 - 35.36	29.39	25.37 - 33.76	0.606
Region 4	--	-- --	25.69	21.68 - 30.15	--
Region 5	28.07	24.46 - 31.99	26.43	22.51 - 30.76	0.500

See notes at end of table.

(continued)

Table 11 Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Washington¹	30.66 ^a	28.41 - 33.01	25.12	23.09 - 27.27	0.000
Region 1	--	-- --	26.29	22.99 - 29.87	--
East 1 (previously Region 1)	33.31 ^a	28.84 - 38.11	28.11	23.56 - 33.15	0.050
East 2 (previously Region 2)	27.27	22.36 - 32.80	24.00	19.91 - 28.64	0.203
Region 2	--	-- --	26.05	23.36 - 28.93	--
North 1 (previously Region 3)	31.18 ^a	26.93 - 35.77	26.08	22.37 - 30.16	0.041
North 2 (previously Region 4)	29.16	25.41 - 33.21	26.03	22.69 - 29.67	0.164
Region 3	--	-- --	23.02	20.18 - 26.13	--
West 1 (previously Region 5)	33.61 ^a	29.18 - 38.35	24.87	21.05 - 29.13	0.001
West 2 (previously Region 6)	29.45 ^a	25.07 - 34.25	21.24	17.68 - 25.29	0.001
West Virginia¹	28.25	25.94 - 30.68	26.17	23.95 - 28.52	0.178
Region I	30.72	25.50 - 36.49	27.80	22.76 - 33.47	0.331
Region II	--	-- --	25.89	21.22 - 31.18	--
Region III	27.10 ^a	22.35 - 32.44	19.94	16.02 - 24.53	0.005
Region IV	--	-- --	37.12	33.36 - 41.05	--
Region V	--	-- --	21.92	18.73 - 25.47	--
Region VI	--	-- --	20.38	16.70 - 24.63	--
Wisconsin	36.45 ^a	34.09 - 38.88	27.19	25.02 - 29.47	0.000
Milwaukee	31.06 ^a	26.75 - 35.72	25.34	21.48 - 29.64	0.018
Northeastern	37.12 ^a	33.00 - 41.43	25.24	21.82 - 28.99	0.000
Northern	38.98 ^a	33.68 - 44.56	27.13	22.45 - 32.37	0.000
Southeastern	37.13 ^a	32.69 - 41.80	25.31	21.47 - 29.58	0.000
Southern	--	-- --	31.03	27.10 - 35.25	--
Western	--	-- --	29.99	25.82 - 34.53	--

See notes at end of table.

(continued)

Table 11 Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Wyoming	32.67 ^a	30.16 - 35.29	27.66	25.31 - 30.15	0.005
Judicial District 1 (Laramie)	30.33	25.52 - 35.60	26.57	22.33 - 31.30	0.188
Judicial District 2	40.21	35.50 - 45.09	42.56	36.67 - 48.68	0.472
Judicial District 3	29.66 ^a	25.09 - 34.69	19.92	16.44 - 23.93	0.000
Judicial District 4	31.28	26.25 - 36.80	29.16	24.22 - 34.65	0.488
Judicial District 5	35.44 ^a	30.59 - 40.61	26.15	21.45 - 31.47	0.001
Judicial District 6	31.68 ^b	26.51 - 37.34	26.76	22.19 - 31.89	0.094
Judicial District 7 (Natrona)	32.65	27.45 - 38.31	28.19	23.59 - 33.29	0.147
Judicial District 8	31.84	26.85 - 37.29	28.12	23.38 - 33.41	0.188
Judicial District 9	32.28 ^a	27.10 - 37.94	24.44	20.08 - 29.39	0.005

ECBH = East Carolina Behavioral Health; SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2002-2004 and 2010-2012); hence, the 2002-2004 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2010-2012 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=34>.

NOTE: Substate, State, and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques, with their *p* values being the Bayes posterior probability of no change between the 2002-2004 and 2010-2012 estimates. The "Total U.S." estimates, along with the 95 percent confidence intervals and *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.10 level.

¹ Names of some of the substate regions for this State have changed across the two time periods (2002-2004 vs. 2010-2012). For details, see the methodology write-up for comparing estimates located below the tables.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2004, 2010, 2011, and 2012 (2010 Data - Revised March 2012).

Table 12 Binge Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Total United States	19.25 ^a	18.84 - 19.66	15.87	15.41 - 16.35	0.000
Northeast	21.00 ^a	20.33 - 21.68	18.25	17.63 - 18.89	0.000
Midwest	22.10 ^a	21.55 - 22.66	17.19	16.71 - 17.68	0.000
South	17.42 ^a	16.91 - 17.94	14.38	13.93 - 14.85	0.000
West	17.92 ^a	17.21 - 18.65	15.24	14.60 - 15.90	0.000
Alabama	17.16 ^a	15.36 - 19.12	13.17	11.61 - 14.91	0.001
Region 1	16.89 ^a	13.87 - 20.41	12.61	10.30 - 15.35	0.012
Region 2	17.60	14.80 - 20.79	14.72	12.13 - 17.76	0.117
Region 3	16.01 ^a	13.00 - 19.56	11.59	9.15 - 14.59	0.011
Region 4	17.88 ^a	14.91 - 21.29	12.99	10.57 - 15.86	0.006
Alaska	18.80 ^a	16.93 - 20.83	14.99	13.32 - 16.84	0.003
Anchorage	--	-- --	16.52	14.08 - 19.29	--
Northern	--	-- --	13.50	10.84 - 16.69	--
South Central	--	-- --	14.52	11.77 - 17.79	--
Southeast	19.08 ^a	15.24 - 23.61	13.51	10.73 - 16.87	0.005
Arizona	19.46 ^a	17.38 - 21.72	14.81	13.15 - 16.64	0.000
Maricopa	18.38 ^a	15.84 - 21.22	14.14	12.10 - 16.47	0.006
Pima	21.74	17.88 - 26.18	18.59	15.02 - 22.78	0.151
Rural North	21.46 ^a	17.50 - 26.02	15.38	12.18 - 19.25	0.005
Rural South	19.81 ^a	15.73 - 24.64	13.17	10.30 - 16.68	0.001
Arkansas¹	18.03 ^a	16.16 - 20.05	14.78	13.21 - 16.51	0.007
Catchment Area 1	--	-- --	14.98	12.15 - 18.33	--
Catchment Area 2	18.44	14.77 - 22.78	16.06	12.66 - 20.15	0.256
Catchment Area 3	15.48	12.46 - 19.07	13.36	10.51 - 16.85	0.231
Catchment Area 4	--	-- --	15.21	12.00 - 19.10	--
Catchment Area 5	--	-- --	17.16	13.93 - 20.96	--
Catchment Area 6	--	-- --	13.30	10.34 - 16.95	--
Catchment Area 7	--	-- --	13.09	10.30 - 16.50	--
Catchment Area 8	16.78	13.56 - 20.58	14.11	11.57 - 17.09	0.136

See notes at end of table.

(continued)

Table 12 Binge Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
California	16.32	15.25 - 17.45	15.35	14.35 - 16.40	0.199
Region 1R	--	-- --	21.08	17.24 - 25.51	--
Region 2R	--	-- --	19.09	15.65 - 23.09	--
Region 3R (Sacramento)	--	-- --	14.31	11.43 - 17.77	--
Region 4R	--	-- --	17.76	14.69 - 21.31	--
Region 5R (San Francisco)	--	-- --	19.34	15.64 - 23.66	--
Region 6 (Santa Clara)	14.91	12.07 - 18.29	13.89	11.08 - 17.29	0.546
Region 7R (Contra Costa)	--	-- --	15.14	12.11 - 18.76	--
Region 8R (Alameda)	--	-- --	14.70	11.82 - 18.14	--
Region 9R (San Mateo)	--	-- --	13.44	10.60 - 16.90	--
Region 10	21.06 ^b	17.46 - 25.18	17.26	13.99 - 21.09	0.058
Region 11 (Los Angeles)	12.87	11.22 - 14.71	14.47	13.14 - 15.92	0.132
LA SPA 1 and 5	--	-- --	17.32	13.80 - 21.51	--
LA SPA 2	--	-- --	13.27	10.64 - 16.43	--
LA SPA 3	--	-- --	14.05	11.34 - 17.28	--
LA SPA 4	--	-- --	15.53	12.31 - 19.40	--
LA SPA 6	--	-- --	13.60	10.90 - 16.84	--
LA SPA 7	--	-- --	14.59	11.84 - 17.86	--
LA SPA 8	--	-- --	14.76	12.12 - 17.85	--
Region 12R	--	-- --	14.51	11.37 - 18.33	--
Regions 13 and 19R	--	-- --	14.63	12.35 - 17.25	--
Region 13 (Riverside)	16.95	13.68 - 20.80	14.62	12.19 - 17.43	0.196
Region 19R (Imperial)	--	-- --	14.73	11.58 - 18.56	--
Region 14 (Orange)	16.59	14.00 - 19.55	14.13	11.79 - 16.85	0.118
Region 15R (Fresno)	--	-- --	14.27	11.29 - 17.87	--
Region 16R (San Diego)	--	-- --	16.00	13.37 - 19.04	--
Region 17R	--	-- --	15.33	12.66 - 18.44	--
Region 18R (San Bernardino)	--	-- --	14.47	12.01 - 17.33	--
Region 20R	--	-- --	15.34	12.41 - 18.83	--
Region 21R	--	-- --	21.28	17.53 - 25.59	--
Colorado	21.42 ^a	19.35 - 23.65	15.16	13.50 - 16.98	0.000
Region 1	22.72	18.82 - 27.14	19.34	15.74 - 23.54	0.141
Regions 2 and 7	20.81 ^a	18.09 - 23.80	14.57	12.38 - 17.08	0.000
Region 3	21.34 ^a	17.51 - 25.73	13.44	10.76 - 16.67	0.000
Region 4	21.96 ^a	17.64 - 27.00	14.40	11.12 - 18.44	0.000
Regions 5 and 6	22.61 ^a	18.54 - 27.27	15.34	12.28 - 19.01	0.000
Connecticut	21.82 ^a	19.81 - 23.98	19.11	17.30 - 21.06	0.047
Eastern	24.64	20.74 - 29.01	22.19	18.61 - 26.22	0.305
North Central	21.22 ^b	18.11 - 24.69	17.77	14.92 - 21.03	0.074
Northwestern	23.20 ^a	19.50 - 27.36	16.74	13.64 - 20.38	0.003
South Central	21.85	18.47 - 25.65	21.78	18.44 - 25.55	0.976
Southwest	19.35	15.98 - 23.23	17.69	14.54 - 21.36	0.414

See notes at end of table.

(continued)

Table 12 Binge Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Delaware	19.70	17.69 - 21.88	17.67	15.81 - 19.69	0.140
Kent	17.77	14.51 - 21.57	16.15	13.16 - 19.67	0.408
New Castle (excluding Wilmington City)	21.96	19.34 - 24.84	19.24	16.72 - 22.04	0.123
Sussex	17.97	14.66 - 21.85	16.42	13.47 - 19.87	0.424
Wilmington City	13.89	10.66 - 17.92	13.35	10.37 - 17.01	0.776
District of Columbia	17.27 ^a	15.13 - 19.63	20.97	18.42 - 23.78	0.032
Ward 1	15.51 ^a	11.73 - 20.24	25.31	19.70 - 31.89	0.002
Ward 2	29.11 ^a	23.63 - 35.27	46.32	38.92 - 53.88	0.000
Ward 3	31.43	25.50 - 38.02	29.91	24.35 - 36.12	0.668
Ward 4	13.35	9.98 - 17.64	13.09	10.03 - 16.91	0.896
Ward 5	15.53 ^a	12.37 - 19.32	20.35	16.53 - 24.78	0.040
Ward 6	15.35	11.54 - 20.13	15.97	12.25 - 20.55	0.790
Ward 7	10.35	7.75 - 13.68	11.23	8.39 - 14.88	0.630
Ward 8	10.69	8.08 - 14.03	12.45	9.55 - 16.07	0.354
Florida¹	17.35 ^a	16.30 - 18.44	14.24	13.35 - 15.19	0.000
Region A - Northwest	--	---	17.98	15.73 - 20.46	--
Circuit 1	20.20 ^a	16.73 - 24.17	14.89	12.17 - 18.10	0.005
Circuit 2	--	---	24.54	19.98 - 29.76	--
Circuit 14	--	---	14.27	11.29 - 17.87	--
Region B - Northeast	--	---	16.10	14.23 - 18.17	--
Circuits 3 and 8	--	---	21.92	18.05 - 26.34	--
Circuit 4	--	---	12.75	10.29 - 15.70	--
Circuit 7	--	---	16.32	13.43 - 19.70	--
Region C - Central	--	---	13.93	12.62 - 15.36	--
Circuit 5	15.67	12.79 - 19.05	13.39	10.81 - 16.47	0.168
Circuit 9	--	---	13.89	11.59 - 16.56	--
Circuit 10	15.79 ^b	12.84 - 19.27	12.88	10.54 - 15.65	0.074
Circuit 18	--	---	15.51	12.83 - 18.62	--
Circuit 19	18.04 ^a	14.60 - 22.08	13.51	10.66 - 16.96	0.017
Region D - Southeast	--	---	12.27	10.66 - 14.08	--
Circuit 15 (Palm Beach)	16.05 ^b	13.37 - 19.16	13.36	11.08 - 16.03	0.088
Circuit 17 (Broward)	17.14 ^a	14.62 - 20.01	11.51	9.51 - 13.87	0.000
Region E - Sun Coast	--	---	15.06	13.56 - 16.70	--
Circuit 6	--	---	14.99	12.30 - 18.14	--
Circuit 12	--	---	15.75	12.79 - 19.25	--
Circuit 13 (Hillsborough)	--	---	15.72	13.48 - 18.25	--
Circuit 20	18.47 ^a	15.45 - 21.93	13.83	11.22 - 16.93	0.008
Region F - Southern (Circuits 11 and 16)	12.72	10.68 - 15.10	11.75	9.91 - 13.87	0.462
Georgia	15.65 ^a	13.82 - 17.66	12.49	11.03 - 14.10	0.005
Region 1	--	---	12.06	9.86 - 14.67	--
Region 2	--	---	13.74	10.96 - 17.09	--
Region 3	--	---	11.71	9.51 - 14.34	--
Region 4	--	---	14.34	11.04 - 18.42	--
Region 5	--	---	14.09	10.91 - 18.01	--
Region 6	--	---	11.51	9.12 - 14.43	--

See notes at end of table.

(continued)

Table 12 Binge Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Hawaii	19.87 ^a	17.76 - 22.15	14.09	12.37 - 15.99	0.000
Hawaii Island	22.00 ^a	17.79 - 26.86	15.50	12.40 - 19.21	0.004
Honolulu	19.09 ^a	16.70 - 21.74	14.07	12.04 - 16.38	0.001
Kauai and Maui	21.56 ^a	17.71 - 25.98	12.94	10.48 - 15.88	0.000
Kauai	--	-- --	11.86	9.01 - 15.47	--
Maui	--	-- --	13.41	10.40 - 17.12	--
Idaho	19.21 ^a	17.31 - 21.27	14.19	12.69 - 15.84	0.000
Region 1	20.82 ^a	16.81 - 25.49	15.32	12.36 - 18.82	0.009
Region 2	25.01	20.44 - 30.21	23.00	18.37 - 28.40	0.455
Region 3	16.20 ^a	13.00 - 20.01	12.78	10.21 - 15.88	0.049
Region 4	20.83 ^a	17.52 - 24.58	13.94	11.56 - 16.72	0.000
Region 5	18.56 ^a	15.06 - 22.67	13.78	11.11 - 16.96	0.013
Region 6	18.95 ^a	15.17 - 23.42	13.76	10.75 - 17.45	0.008
Region 7	16.10 ^a	12.49 - 20.52	11.95	9.19 - 15.41	0.045
Illinois	21.15 ^a	20.06 - 22.28	17.10	16.09 - 18.16	0.000
Region I (Cook)	19.52 ^a	17.83 - 21.33	16.14	14.56 - 17.85	0.003
Region II	21.16 ^a	19.39 - 23.03	15.80	14.29 - 17.44	0.000
Region III	23.42	20.78 - 26.29	22.69	19.94 - 25.69	0.687
Region IV	24.18 ^a	21.22 - 27.41	19.36	16.52 - 22.57	0.008
Region V	23.08 ^a	20.32 - 26.09	17.12	14.53 - 20.05	0.001
Indiana	19.18 ^a	17.26 - 21.26	15.95	14.36 - 17.68	0.008
Central	17.11 ^a	14.27 - 20.38	12.43	10.02 - 15.32	0.004
East	20.36	16.28 - 25.16	18.70	15.20 - 22.79	0.458
North Central	19.12 ^b	15.41 - 23.47	15.73	12.75 - 19.24	0.098
Northeast	16.75	13.13 - 21.12	14.49	11.66 - 17.87	0.233
Northwest	18.66 ^a	15.25 - 22.62	13.95	11.20 - 17.24	0.010
Southeast	18.32	14.83 - 22.40	15.35	12.51 - 18.71	0.110
Southwest	20.19 ^b	16.05 - 25.08	16.55	13.13 - 20.65	0.093
West	24.57	20.34 - 29.36	24.49	20.23 - 29.31	0.975
Iowa	25.90 ^a	23.65 - 28.28	19.89	17.98 - 21.95	0.000
Central	23.68 ^a	19.67 - 28.21	17.72	14.45 - 21.55	0.012
North Central	26.17	21.75 - 31.14	23.18	18.93 - 28.06	0.267
Northeast	27.71 ^a	24.24 - 31.47	21.89	18.76 - 25.37	0.007
Northwest	25.72 ^a	21.43 - 30.54	18.25	15.07 - 21.92	0.001
Southeast	25.48 ^a	21.24 - 30.24	19.35	16.06 - 23.13	0.011
Southwest	25.72 ^a	21.27 - 30.74	18.38	14.96 - 22.37	0.001
Kansas	23.38 ^a	21.22 - 25.68	16.76	15.10 - 18.55	0.000
Kansas City Metro	23.51 ^a	20.05 - 27.36	17.09	14.65 - 19.85	0.001
Northeast	25.70 ^a	21.96 - 29.84	17.40	14.08 - 21.32	0.000
South Central	23.54 ^a	19.44 - 28.20	17.17	13.90 - 21.02	0.006
Southeast	25.13 ^a	20.68 - 30.16	18.16	14.47 - 22.56	0.004
West	21.91 ^a	17.85 - 26.60	16.82	13.59 - 20.63	0.018
Wichita (Sedgwick)	20.51 ^a	16.77 - 24.84	14.48	11.79 - 17.65	0.002

See notes at end of table.

(continued)

Table 12 Binge Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Kentucky	19.99 ^a	18.02 - 22.11	15.55	13.91 - 17.35	0.001
Adanta, Cumberland River, and Lifeskills	17.59	14.42 - 21.29	15.04	12.18 - 18.42	0.173
Bluegrass, Comprehend, and North Key	18.57	15.55 - 22.02	17.92	15.14 - 21.09	0.733
Communicare and River Valley	22.91 ^a	18.73 - 27.70	13.89	10.97 - 17.44	0.000
Four Rivers and Pennyroyal	20.91 ^a	16.79 - 25.73	14.23	11.21 - 17.90	0.001
Kentucky River, Mountain, and Pathways	20.20 ^a	16.36 - 24.68	15.13	12.05 - 18.83	0.017
Seven Counties	21.79 ^a	18.33 - 25.69	14.29	11.68 - 17.38	0.000
Louisiana	19.42 ^a	17.59 - 21.39	14.72	13.24 - 16.35	0.000
Regions 1 and 10	--	-- --	13.46	11.27 - 16.01	--
Region 1	14.41	11.08 - 18.52	13.23	10.36 - 16.74	0.526
Region 10 (Jefferson)	20.31 ^a	16.42 - 24.84	13.72	10.90 - 17.14	0.001
Regions 2 and 9	20.29 ^a	17.31 - 23.64	15.68	13.27 - 18.43	0.010
Region 3	21.15 ^a	17.20 - 25.72	13.86	10.99 - 17.32	0.000
Regions 4, 5, and 6	--	-- --	15.35	12.73 - 18.38	--
Regions 7 and 8	17.49 ^a	14.46 - 21.00	14.07	11.52 - 17.07	0.049
Maine¹	21.42 ^a	19.50 - 23.46	16.29	14.64 - 18.10	0.000
Aroostook/Downeast	--	-- --	17.19	14.54 - 20.20	--
Aroostook	--	-- --	16.40	13.03 - 20.43	--
Downeast	--	-- --	17.90	14.47 - 21.93	--
Central	--	-- --	15.27	12.36 - 18.72	--
Cumberland	23.11 ^a	19.63 - 27.00	15.97	12.99 - 19.48	0.001
Midcoast	20.60 ^a	16.81 - 24.99	14.26	11.23 - 17.94	0.001
Penquis	--	-- --	19.40	15.59 - 23.87	--
Western	--	-- --	16.63	13.50 - 20.31	--
York	20.82 ^a	17.02 - 25.20	15.04	12.35 - 18.20	0.005
Maryland	17.12 ^a	15.32 - 19.09	14.23	12.69 - 15.91	0.010
Anne Arundel	19.29	15.58 - 23.64	16.40	13.07 - 20.38	0.146
Baltimore City	13.24	10.22 - 16.99	12.45	9.75 - 15.76	0.653
Baltimore County	--	-- --	15.92	12.80 - 19.62	--
Montgomery	17.35 ^a	13.98 - 21.33	12.14	9.73 - 15.06	0.002
North Central	--	-- --	14.29	11.44 - 17.69	--
Northeast	--	-- --	14.71	11.59 - 18.50	--
Prince George's	12.81	9.95 - 16.33	12.48	9.86 - 15.67	0.843
South	--	-- --	15.37	12.30 - 19.04	--
West	--	-- --	16.59	13.36 - 20.41	--

See notes at end of table.

(continued)

Table 12 Binge Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Massachusetts	24.07 ^a	21.82 - 26.47	19.24	17.44 - 21.19	0.001
Boston	20.95 ^b	16.78 - 25.85	25.61	21.14 - 30.65	0.082
Central	24.61 ^a	20.38 - 29.38	17.94	14.68 - 21.73	0.004
Metrowest	24.68 ^a	20.91 - 28.88	18.70	15.59 - 22.26	0.006
Northeast	22.57 ^a	18.68 - 27.00	17.96	14.96 - 21.42	0.031
Southeast	24.14 ^a	20.44 - 28.27	16.69	13.94 - 19.86	0.000
Western	27.19 ^a	23.10 - 31.70	21.05	17.34 - 25.32	0.012
Michigan¹	20.79 ^a	19.75 - 21.86	16.89	15.93 - 17.89	0.000
Detroit City	11.70	9.72 - 14.03	9.91	8.04 - 12.14	0.157
Genesee	21.46 ^a	18.25 - 25.06	15.59	12.93 - 18.67	0.001
Kalamazoo	--	-- --	18.13	15.29 - 21.37	--
Kent	19.25 ^b	16.37 - 22.51	15.92	13.33 - 18.91	0.053
Lakeshore	--	-- --	15.95	13.41 - 18.87	--
Macomb	22.52 ^a	19.45 - 25.92	16.68	14.28 - 19.39	0.001
Mid South	--	-- --	18.82	16.02 - 21.99	--
Northern	26.70 ^a	23.57 - 30.09	20.80	17.89 - 24.04	0.002
Oakland	20.92 ^a	18.20 - 23.92	15.41	13.25 - 17.85	0.000
Pathways and Western	--	-- --	25.42	21.48 - 29.80	--
Riverhaven	23.45 ^a	19.72 - 27.64	18.88	15.76 - 22.45	0.020
Saginaw	22.03 ^b	17.91 - 26.79	18.29	14.87 - 22.30	0.076
Southeast	19.05 ^a	16.63 - 21.73	15.80	13.77 - 18.06	0.030
St. Clair	22.01 ^a	18.36 - 26.16	14.65	11.94 - 17.85	0.000
Washtenaw	22.20	18.66 - 26.19	20.65	17.73 - 23.92	0.445
Minnesota	22.91 ^a	20.80 - 25.16	17.83	16.12 - 19.67	0.000
Regions 1 and 2	26.68 ^a	22.04 - 31.89	19.33	15.60 - 23.71	0.003
Regions 3 and 4	24.89 ^a	21.28 - 28.90	18.32	15.25 - 21.85	0.002
Regions 5 and 6	25.03	21.30 - 29.16	21.28	17.80 - 25.22	0.113
Region 7A (Hennepin)	19.95	16.42 - 24.02	17.43	14.59 - 20.69	0.205
Region 7B (Ramsey)	20.50	16.54 - 25.11	17.69	14.03 - 22.06	0.217
Region 7C	21.12 ^a	17.63 - 25.08	14.36	11.85 - 17.30	0.000
Mississippi	15.41 ^a	13.55 - 17.48	12.59	11.16 - 14.18	0.016
Region 1	14.74	11.78 - 18.31	12.21	9.78 - 15.15	0.126
Region 2	12.41	9.71 - 15.75	10.81	8.42 - 13.79	0.312
Region 3	15.11	11.88 - 19.03	13.95	11.18 - 17.26	0.538
Region 4	15.90 ^a	12.66 - 19.78	11.35	9.12 - 14.04	0.011
Region 5	14.33 ^b	11.01 - 18.44	11.22	8.60 - 14.51	0.063
Region 6	17.00	13.48 - 21.21	13.94	11.07 - 17.41	0.115
Region 7	18.50 ^a	15.01 - 22.58	14.49	11.60 - 17.94	0.041

See notes at end of table.

(continued)

Table 12 Binge Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Missouri	22.48 ^a	20.39 - 24.73	15.32	13.68 - 17.13	0.000
Central	24.68 ^a	20.62 - 29.25	18.09	14.65 - 22.12	0.005
Eastern	23.29 ^a	20.41 - 26.43	14.08	12.01 - 16.45	0.000
Eastern (St. Louis City and County)	22.13 ^a	18.86 - 25.79	12.75	10.37 - 15.58	0.000
Eastern (excluding St. Louis)	25.45 ^a	21.05 - 30.41	16.33	13.22 - 20.02	0.000
Northwest	20.12 ^a	16.98 - 23.67	15.02	12.59 - 17.83	0.004
Northwest (Jackson)	17.99 ^a	14.51 - 22.09	13.14	10.47 - 16.37	0.010
Northwest (excluding Jackson)	21.95 ^a	17.70 - 26.88	16.52	13.20 - 20.48	0.016
Southeast	22.45 ^a	18.41 - 27.09	16.39	13.14 - 20.24	0.005
Southwest	22.29 ^a	18.47 - 26.64	15.21	12.12 - 18.91	0.001
Montana	28.89 ^a	26.67 - 31.21	20.23	18.35 - 22.24	0.000
Region 1	27.37 ^a	22.75 - 32.54	19.65	16.06 - 23.82	0.001
Region 2	25.54 ^a	21.36 - 30.21	17.16	13.91 - 20.98	0.000
Region 3	29.44 ^a	25.21 - 34.05	16.96	14.02 - 20.38	0.000
Region 4	30.00 ^a	26.56 - 33.69	23.84	20.32 - 27.77	0.007
Region 5	29.83 ^a	26.32 - 33.59	20.87	17.94 - 24.15	0.000
Nebraska	23.84 ^a	21.73 - 26.09	17.11	15.40 - 18.98	0.000
Regions 1 and 2	25.58 ^a	21.10 - 30.66	17.03	14.26 - 20.22	0.000
Region 1	--	-- --	17.49	13.70 - 22.06	--
Region 2	--	-- --	16.63	13.22 - 20.72	--
Region 3	25.74 ^a	21.42 - 30.58	16.13	12.95 - 19.91	0.000
Region 4	22.43 ^a	18.37 - 27.10	17.84	14.42 - 21.86	0.040
Region 5	26.59 ^a	22.98 - 30.54	21.35	18.06 - 25.05	0.020
Region 6	21.40 ^a	18.45 - 24.67	14.76	12.48 - 17.37	0.000
Nevada¹	16.49	14.51 - 18.68	15.72	13.71 - 17.98	0.581
Clark – Region 1	15.44	13.08 - 18.14	14.30	11.91 - 17.09	0.484
Region 3	18.46	15.01 - 22.49	16.00	13.24 - 19.22	0.209
Capital District	--	-- --	17.37	13.85 - 21.57	--
Rural/Frontier	--	-- --	14.90	11.39 - 19.25	--
Washoe – Region 2	18.96	15.59 - 22.85	21.80	18.43 - 25.59	0.185
New Hampshire	24.64 ^b	22.61 - 26.78	22.13	20.23 - 24.16	0.070
Central	26.23	23.38 - 29.30	25.56	22.83 - 28.51	0.709
Central 1	28.35	24.66 - 32.35	30.33	26.59 - 34.36	0.391
Central 2	23.98 ^b	20.25 - 28.17	20.27	16.78 - 24.27	0.093
Northern	28.65	24.40 - 33.31	27.29	22.95 - 32.09	0.607
Southern	22.93 ^a	20.45 - 25.62	19.31	17.04 - 21.82	0.025
Southern 1 (Rockingham)	21.40	17.96 - 25.31	19.08	16.13 - 22.42	0.244
Southern 2	23.82 ^a	20.68 - 27.27	19.45	16.47 - 22.83	0.036
New Jersey	17.14	15.32 - 19.13	18.21	16.36 - 20.20	0.409
Central	20.73	17.43 - 24.47	18.53	15.23 - 22.35	0.307
Metropolitan	14.20 ^b	11.41 - 17.54	17.79	14.85 - 21.16	0.052
Northern	16.73	13.89 - 20.02	18.61	15.87 - 21.71	0.307
Southern	17.37	14.39 - 20.82	17.74	14.67 - 21.30	0.847

See notes at end of table.

(continued)

Table 12 Binge Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
New Mexico	21.91 ^a	19.76 - 24.23	14.96	13.33 - 16.74	0.000
Region 1	17.22 ^a	14.00 - 21.00	11.52	9.36 - 14.10	0.001
Region 2	22.53 ^a	18.37 - 27.33	13.71	10.92 - 17.07	0.000
Region 3 (Bernalillo)	24.94 ^a	21.33 - 28.95	17.94	14.98 - 21.32	0.001
Region 4	20.79 ^a	16.77 - 25.47	14.59	11.69 - 18.07	0.002
Region 5	23.01 ^a	19.41 - 27.05	15.30	12.39 - 18.75	0.000
New York	20.71 ^a	19.56 - 21.90	17.90	16.84 - 19.02	0.000
Region A	16.20	14.65 - 17.88	15.82	14.41 - 17.34	0.692
Region 1	14.90	12.12 - 18.20	14.19	11.65 - 17.17	0.664
Region 2	15.14	12.85 - 17.75	16.55	14.42 - 18.93	0.336
Region 3	22.58	18.67 - 27.05	20.22	16.64 - 24.34	0.311
Region 4	15.19	12.64 - 18.16	13.67	11.29 - 16.46	0.347
Region B	--	-- --	18.23	16.48 - 20.11	--
Region 5	22.78 ^a	20.17 - 25.61	18.72	16.36 - 21.34	0.011
Region 6	21.86 ^a	18.72 - 25.36	17.01	14.15 - 20.31	0.006
Region 7	23.26 ^a	19.81 - 27.09	18.50	15.47 - 21.98	0.020
Region C	--	-- --	19.93	18.20 - 21.77	--
Region 8	24.43 ^a	21.06 - 28.15	18.41	15.34 - 21.93	0.004
Region 9	24.42 ^a	21.09 - 28.10	19.94	16.80 - 23.49	0.022
Region 10	28.45 ^a	24.52 - 32.74	22.84	18.64 - 27.67	0.027
Region 11	24.16 ^b	21.13 - 27.47	20.50	17.34 - 24.05	0.064
Region 12	23.23 ^b	20.07 - 26.72	19.41	16.37 - 22.86	0.059
Region D	25.02 ^a	22.61 - 27.60	20.30	18.09 - 22.70	0.001
Region 13	24.39 ^a	20.48 - 28.78	20.07	16.49 - 24.21	0.050
Region 14	26.46 ^a	22.42 - 30.94	20.20	16.47 - 24.52	0.006
Region 15	24.20 ^b	20.64 - 28.15	20.59	17.23 - 24.40	0.075
North Carolina	16.76 ^a	14.94 - 18.75	12.83	11.36 - 14.45	0.001
Alliance	--	-- --	11.64	9.26 - 14.54	--
Cardinal Innovations	--	-- --	12.26	9.71 - 15.36	--
CenterPoint/Guilford	--	-- --	12.60	10.34 - 15.27	--
CenterPoint	--	-- --	12.28	9.50 - 15.74	--
Guilford	--	-- --	12.93	9.89 - 16.72	--
CoastalCare	--	-- --	15.43	11.84 - 19.87	--
Eastpointe	--	-- --	10.74	8.38 - 13.66	--
ECBH	--	-- --	14.11	10.75 - 18.30	--
MeckLINK	--	-- --	11.55	8.97 - 14.76	--
Partners	--	-- --	13.49	10.56 - 17.08	--
Sandhills	--	-- --	12.47	9.59 - 16.06	--
Smoky Mountain	--	-- --	18.22	14.36 - 22.83	--
Western Highlands	--	-- --	14.14	11.01 - 17.97	--

See notes at end of table.

(continued)

Table 12 Binge Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
North Dakota	31.98 ^a	29.61 - 34.44	23.57	21.35 - 25.95	0.000
Badlands and West Central Lake Region and South Central	30.08 ^a	26.29 - 34.15	19.31	16.03 - 23.07	0.000
North Central and Northwest	27.78 ^a	23.51 - 32.49	19.28	16.00 - 23.06	0.000
Northeast	32.91 ^a	28.29 - 37.89	21.05	17.43 - 25.18	0.000
Southeast	36.07 ^a	31.61 - 40.78	29.58	25.36 - 34.18	0.021
	33.19 ^a	29.30 - 37.32	27.73	23.75 - 32.10	0.045
Ohio	20.96 ^a	19.88 - 22.10	17.61	16.63 - 18.63	0.000
Boards 2, 46, 55, and 68	20.51 ^b	17.30 - 24.15	17.02	14.19 - 20.28	0.057
Boards 3, 52, and 85	21.28 ^a	17.63 - 25.44	16.92	14.09 - 20.19	0.022
Boards 4 and 78	22.05 ^a	18.43 - 26.14	16.88	13.68 - 20.65	0.010
Boards 5 and 60	24.22	20.26 - 28.67	24.70	21.35 - 28.37	0.821
Boards 7, 15, 41, 79, and 84	22.36 ^a	18.70 - 26.51	13.86	11.48 - 16.64	0.000
Boards 8, 13, and 83	18.67 ^a	15.44 - 22.40	14.26	11.82 - 17.11	0.009
Board 9 (Butler)	23.32	19.77 - 27.29	20.82	17.44 - 24.65	0.230
Board 12	20.28	16.68 - 24.42	18.83	15.43 - 22.78	0.500
Boards 18 and 47	20.45 ^a	17.92 - 23.23	16.93	14.70 - 19.42	0.029
Boards 20, 32, 54, and 69	22.94 ^a	19.37 - 26.95	18.08	15.17 - 21.41	0.007
Boards 21, 39, 51, 70, and 80	20.67 ^a	17.49 - 24.26	14.76	12.16 - 17.81	0.000
Boards 22, 74, and 87	22.34	18.72 - 26.43	19.96	16.60 - 23.80	0.241
Boards 23 and 45	21.85 ^a	18.28 - 25.90	16.43	13.35 - 20.04	0.004
Board 25 (Franklin)	21.21	18.59 - 24.10	20.69	17.94 - 23.74	0.762
Boards 27, 71, and 73	18.08	14.87 - 21.81	15.54	12.93 - 18.55	0.139
Boards 28, 43, and 67	24.39 ^b	21.00 - 28.14	21.04	18.03 - 24.40	0.086
Board 31 (Hamilton)	19.92 ^b	17.09 - 23.10	16.74	14.07 - 19.80	0.068
Board 48 (Lucas)	20.33	17.35 - 23.68	18.41	15.48 - 21.75	0.272
Boards 50 and 76	22.33 ^a	18.95 - 26.11	16.94	14.31 - 19.94	0.004
Board 57 (Montgomery)	18.96 ^a	15.71 - 22.70	15.20	12.44 - 18.44	0.041
Board 77 (Summit)	18.10	15.15 - 21.47	16.12	13.39 - 19.28	0.258
Oklahoma	19.43 ^a	17.40 - 21.62	14.76	13.13 - 16.55	0.000
Central	22.45 ^a	18.58 - 26.86	17.87	14.32 - 22.08	0.041
East Central	17.69 ^a	14.04 - 22.05	12.52	9.77 - 15.90	0.004
Northeast	20.34 ^a	16.48 - 24.84	15.59	12.52 - 19.25	0.023
Northwest and Southwest	19.50 ^a	15.78 - 23.84	15.01	11.83 - 18.86	0.028
Oklahoma County	18.00 ^b	14.32 - 22.38	14.29	11.48 - 17.65	0.064
Southeast	18.91 ^a	15.34 - 23.09	14.27	11.37 - 17.77	0.020
Tulsa County	19.74 ^a	16.27 - 23.75	13.88	11.10 - 17.23	0.002
Oregon	19.35 ^a	17.46 - 21.39	16.31	14.65 - 18.13	0.014
Region 1 (Multnomah)	18.15	14.77 - 22.11	17.07	13.91 - 20.77	0.592
Region 2	18.17 ^a	15.17 - 21.61	13.49	11.08 - 16.33	0.005
Region 3	20.48	17.54 - 23.77	18.83	16.03 - 21.98	0.393
Region 4	19.96 ^a	16.62 - 23.77	15.95	12.85 - 19.63	0.046
Region 5 (Central)	--	-- --	14.50	11.43 - 18.22	--
Region 6 (Eastern)	--	-- --	13.91	10.71 - 17.87	--

See notes at end of table.

(continued)

Table 12 Binge Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Pennsylvania¹	21.15 ^a	20.12 - 22.23	17.45	16.36 - 18.59	0.000
Region 1 (Allegheny)	25.32 ^a	22.52 - 28.34	20.69	17.85 - 23.86	0.012
Regions 3, 8, 9, and 51	--	-- --	19.87	16.55 - 23.67	--
Regions 4, 11, 37, and 49	21.88 ^a	18.69 - 25.44	16.00	13.34 - 19.08	0.001
Regions 5, 18, 23, 24, and 46	19.65	16.85 - 22.79	16.79	13.77 - 20.33	0.124
Regions 6, 12, 16, 31, 35, 45, and 47	--	-- --	20.23	16.60 - 24.43	--
Regions 7, 13, 20, and 33	20.92 ^a	18.81 - 23.19	16.78	14.74 - 19.05	0.003
Regions 10, 15, 27, 32, 43, and 44	--	-- --	17.09	14.12 - 20.53	--
Regions 17 and 21	24.53 ^a	20.45 - 29.13	20.14	16.51 - 24.33	0.050
Regions 19, 26, 28, and 42	18.26 ^a	15.74 - 21.09	13.83	11.62 - 16.37	0.004
Regions 22, 38, 40, 41, and 48	20.56 ^b	17.30 - 24.24	17.41	14.76 - 20.42	0.092
Regions 29 and 34	19.82 ^a	16.43 - 23.72	15.60	12.60 - 19.15	0.031
Regions 30 and 50	--	-- --	17.30	14.13 - 21.00	--
Region 36 (Philadelphia)	15.26 ^a	13.02 - 17.80	18.48	15.94 - 21.32	0.038
Rhode Island	27.01 ^a	24.69 - 29.46	20.52	18.53 - 22.67	0.000
Bristol and Newport	30.23 ^a	25.75 - 35.12	23.82	19.72 - 28.47	0.012
Kent	25.92 ^a	21.91 - 30.36	18.61	15.40 - 22.30	0.001
Providence	25.66 ^a	22.79 - 28.75	19.24	16.79 - 21.95	0.000
Washington	31.44 ^a	26.85 - 36.41	24.90	20.49 - 29.91	0.018
South Carolina	17.07 ^a	15.27 - 19.05	14.49	12.88 - 16.25	0.027
Region 1	18.79 ^b	15.63 - 22.42	15.64	13.00 - 18.69	0.089
Region 2	16.91	14.30 - 19.88	14.70	12.22 - 17.59	0.183
Region 3	14.66	11.69 - 18.22	13.62	10.80 - 17.03	0.558
Region 4	17.21 ^a	14.19 - 20.72	13.58	11.07 - 16.55	0.034
South Dakota	29.09 ^a	26.82 - 31.47	19.16	17.36 - 21.11	0.000
Region 1	--	-- --	18.11	15.17 - 21.49	--
Region 2	--	-- --	16.51	13.43 - 20.14	--
Region 3	--	-- --	23.47	20.07 - 27.26	--
Region 4	--	-- --	20.75	16.98 - 25.11	--
Region 5	--	-- --	16.07	13.52 - 19.00	--
Tennessee	14.48	12.71 - 16.46	13.20	11.68 - 14.89	0.260
Region 1	17.59 ^a	13.47 - 22.65	12.86	9.86 - 16.60	0.027
Region 2	14.67	11.44 - 18.63	13.52	10.69 - 16.96	0.537
Region 3	--	-- --	13.66	10.79 - 17.15	--
Region 4 (Davidson)	14.51	11.30 - 18.43	15.41	12.18 - 19.31	0.644
Region 5	--	-- --	14.38	11.80 - 17.42	--
Region 6	14.77	11.63 - 18.58	13.66	10.70 - 17.28	0.546
Region 7 (Shelby)	12.06 ^a	9.39 - 15.36	9.17	7.11 - 11.75	0.046

See notes at end of table.

(continued)

Table 12 Binge Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Texas	17.12 ^a	16.12 - 18.16	14.81	13.86 - 15.82	0.001
Region 1	22.77	18.85 - 27.22	20.53	17.25 - 24.25	0.301
Region 2	18.98	15.29 - 23.32	18.07	14.50 - 22.28	0.655
Region 3	16.17 ^a	14.57 - 17.90	14.01	12.54 - 15.62	0.032
Region 3a	15.67	13.74 - 17.82	13.64	11.71 - 15.84	0.121
Region 3bc	17.02 ^b	14.47 - 19.91	14.64	12.60 - 16.95	0.097
Region 4	16.64	13.47 - 20.39	14.93	12.24 - 18.08	0.338
Region 5	16.59	13.54 - 20.17	14.95	12.29 - 18.08	0.327
Region 6	15.73 ^a	14.04 - 17.58	12.84	11.25 - 14.62	0.009
Region 6a	15.31 ^a	13.50 - 17.33	12.58	10.88 - 14.50	0.021
Region 6bc	19.27 ^a	15.82 - 23.27	15.17	12.28 - 18.59	0.029
Region 7	19.64	17.35 - 22.15	18.55	16.33 - 20.99	0.447
Region 7a	19.34	16.27 - 22.84	17.08	14.36 - 20.20	0.228
Region 7bcd	20.03	16.86 - 23.62	20.70	17.43 - 24.40	0.742
Region 8	16.70	14.08 - 19.69	14.99	12.59 - 17.76	0.264
Region 9	18.97	15.38 - 23.18	17.40	14.31 - 20.99	0.411
Region 10	18.78 ^a	15.16 - 23.01	14.22	11.52 - 17.43	0.016
Region 11	16.93 ^a	14.56 - 19.61	13.96	12.00 - 16.18	0.026
Region 11abd	18.17 ^a	15.11 - 21.69	14.81	12.21 - 17.85	0.050
Region 11c (Hidalgo)	14.64	11.59 - 18.32	12.62	10.20 - 15.53	0.213
Utah	14.25 ^a	12.33 - 16.41	10.91	9.43 - 12.60	0.006
Bear River, Northeastern, Summit, Tooele, and Wasatch	15.31 ^a	11.91 - 19.48	9.85	7.61 - 12.65	0.002
Central, Four Corners, San Juan, and Southwest	12.98	9.80 - 17.00	12.80	9.85 - 16.46	0.924
Davis County	14.85 ^a	11.46 - 19.04	9.73	7.44 - 12.64	0.004
Salt Lake County	15.74 ^a	12.92 - 19.03	11.26	9.14 - 13.80	0.008
Utah County	11.23	8.42 - 14.82	10.40	7.96 - 13.47	0.646
Weber, Morgan	14.29 ^b	10.89 - 18.55	11.19	8.57 - 14.48	0.076
Vermont	24.33	22.24 - 26.55	22.23	20.15 - 24.46	0.157
Champlain Valley	25.50	22.50 - 28.74	26.14	22.79 - 29.79	0.771
Rural Northeast	23.51	20.09 - 27.31	20.40	17.25 - 23.95	0.126
Rural Southeast	24.41 ^a	20.69 - 28.55	17.61	14.54 - 21.15	0.001
Rural Southwest	22.42	18.55 - 26.83	19.12	15.66 - 23.13	0.158
Virginia	20.00 ^a	18.01 - 22.16	16.68	14.92 - 18.59	0.012
Region 1	--	-- --	20.70	17.55 - 24.24	--
Region 2	20.12 ^a	16.79 - 23.92	12.61	10.23 - 15.46	0.000
Region 3	23.61	19.70 - 28.03	21.06	17.48 - 25.15	0.285
Region 4	--	-- --	15.05	11.90 - 18.85	--
Region 5	17.17	14.20 - 20.61	16.16	13.22 - 19.61	0.595

See notes at end of table.

(continued)

Table 12 Binge Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Washington¹	20.50 ^a	18.54 - 22.62	15.90	14.26 - 17.69	0.000
Region 1	--	-- --	17.70	14.96 - 20.81	--
East 1 (previously Region 1)	22.25	18.42 - 26.60	20.12	16.23 - 24.66	0.349
East 2 (previously Region 2)	18.88 ^a	14.76 - 23.84	14.67	11.65 - 18.30	0.040
Region 2	--	-- --	15.86	13.76 - 18.20	--
North 1 (previously Region 3)	21.99 ^a	18.15 - 26.38	16.39	13.41 - 19.87	0.006
North 2 (previously Region 4)	18.66 ^b	15.76 - 21.94	15.50	12.92 - 18.49	0.084
Region 3	--	-- --	14.58	12.45 - 17.00	--
West 1 (previously Region 5)	22.13 ^a	18.45 - 26.32	15.84	12.87 - 19.33	0.002
West 2 (previously Region 6)	19.77 ^a	16.26 - 23.82	13.37	10.79 - 16.45	0.001
West Virginia¹	21.23	19.17 - 23.44	20.09	18.26 - 22.05	0.396
Region I	23.26	18.70 - 28.54	21.25	17.20 - 25.95	0.427
Region II	--	-- --	18.79	15.06 - 23.19	--
Region III	20.06 ^b	16.14 - 24.66	15.84	12.51 - 19.86	0.064
Region IV	--	-- --	31.00	27.40 - 34.84	--
Region V	--	-- --	15.51	12.99 - 18.42	--
Region VI	--	-- --	14.96	11.95 - 18.57	--
Wisconsin	25.68 ^a	23.53 - 27.95	17.65	15.89 - 19.55	0.000
Milwaukee	20.16 ^a	16.54 - 24.35	15.07	12.09 - 18.62	0.013
Northeastern	25.63 ^a	22.02 - 29.61	17.55	14.88 - 20.59	0.000
Northern	27.81 ^a	23.15 - 33.00	17.97	14.49 - 22.07	0.000
Southeastern	25.38 ^a	21.19 - 30.08	16.03	13.14 - 19.43	0.000
Southern	--	-- --	20.18	16.84 - 23.98	--
Western	--	-- --	19.70	16.22 - 23.71	--

See notes at end of table.

(continued)

Table 12 Binge Alcohol Use in the Past Month among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Wyoming	23.87 ^a	21.66 - 26.23	18.39	16.49 - 20.46	0.000
Judicial District 1 (Laramie)	21.36 ^b	17.23 - 26.17	17.46	14.27 - 21.18	0.080
Judicial District 2	30.70	26.26 - 35.53	28.48	22.85 - 34.86	0.514
Judicial District 3	21.90 ^a	18.13 - 26.20	13.34	10.78 - 16.39	0.000
Judicial District 4	22.97	18.63 - 27.98	19.23	15.56 - 23.53	0.103
Judicial District 5	24.70 ^a	20.28 - 29.73	18.01	14.31 - 22.41	0.004
Judicial District 6	24.02 ^a	19.77 - 28.86	16.49	13.21 - 20.39	0.001
Judicial District 7 (Natrona)	22.28	17.89 - 27.39	18.66	15.12 - 22.81	0.148
Judicial District 8	23.59	19.29 - 28.52	20.37	16.64 - 24.70	0.191
Judicial District 9	24.86 ^a	20.15 - 30.25	16.12	12.84 - 20.04	0.000

ECBH = East Carolina Behavioral Health; SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2002-2004 and 2010-2012); hence, the 2002-2004 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2010-2012 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=34>.

NOTE: Substate, State, and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques, with their *p* values being the Bayes posterior probability of no change between the 2002-2004 and 2010-2012 estimates. The "Total U.S." estimates, along with the 95 percent confidence intervals and *p* values, are based on design-based (direct) estimation methods.

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

^a Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.10 level.

¹ Names of some of the substate regions for this State have changed across the two time periods (2002-2004 vs. 2010-2012). For details, see the methodology write-up for comparing estimates located below the tables.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2004, 2010, 2011, and 2012 (2010 Data - Revised March 2012).

Table 13 Tobacco Product Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	<i>P</i>Value
Total United States	29.81 ^a	29.40 - 30.22	26.79	26.41 - 27.18	0.000
Northeast	28.75 ^a	27.99 - 29.53	25.74	24.99 - 26.51	0.000
Midwest	32.75 ^a	32.13 - 33.38	29.44	28.82 - 30.07	0.000
South	31.68 ^a	31.10 - 32.26	28.31	27.72 - 28.90	0.000
West	24.79 ^a	24.04 - 25.57	22.75	22.04 - 23.46	0.000
Alabama	34.04	31.55 - 36.61	32.33	30.03 - 34.72	0.295
Region 1	35.65 ^b	31.61 - 39.91	30.94	27.26 - 34.87	0.079
Region 2	33.10	29.46 - 36.95	33.69	30.25 - 37.32	0.809
Region 3	32.78 ^a	28.69 - 37.16	27.11	23.56 - 30.98	0.025
Region 4	34.36	30.68 - 38.25	36.31	32.44 - 40.36	0.437
Alaska	31.53	29.00 - 34.18	33.26	30.68 - 35.94	0.318
Anchorage	--	-- --	29.25	26.13 - 32.58	--
Northern	--	-- --	38.78	34.52 - 43.22	--
South Central	--	-- --	35.26	30.74 - 40.06	--
Southeast	31.92	27.30 - 36.94	32.19	27.64 - 37.11	0.930
Arizona	29.39 ^b	26.95 - 31.95	26.64	24.32 - 29.11	0.085
Maricopa	28.60	25.77 - 31.61	27.21	24.39 - 30.22	0.481
Pima	29.41	25.32 - 33.86	26.01	22.01 - 30.44	0.190
Rural North	30.83	26.65 - 35.36	27.40	23.07 - 32.21	0.205
Rural South	31.92 ^a	26.98 - 37.30	24.26	20.02 - 29.06	0.008
Arkansas¹	37.83 ^a	35.34 - 40.39	31.89	29.45 - 34.44	0.000
Catchment Area 1	--	-- --	26.54	22.84 - 30.59	--
Catchment Area 2	39.03 ^b	34.07 - 44.23	33.39	28.67 - 38.46	0.063
Catchment Area 3	38.54 ^b	34.00 - 43.29	33.81	29.38 - 38.55	0.092
Catchment Area 4	--	-- --	31.38	26.69 - 36.48	--
Catchment Area 5	--	-- --	34.60	30.43 - 39.03	--
Catchment Area 6	--	-- --	34.68	29.78 - 39.92	--
Catchment Area 7	--	-- --	30.82	26.16 - 35.90	--
Catchment Area 8	36.90 ^a	33.06 - 40.92	31.55	27.61 - 35.78	0.037

See notes at end of table.

(continued)

Table 13 Tobacco Product Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
California	21.45 ^a	20.28 - 22.68	19.48	18.43 - 20.58	0.011
Region 1R	--	-- --	28.10	24.20 - 32.37	--
Region 2R	--	-- --	21.00	17.89 - 24.50	--
Region 3R (Sacramento)	--	-- --	20.86	17.81 - 24.29	--
Region 4R	--	-- --	20.77	17.84 - 24.06	--
Region 5R (San Francisco)	--	-- --	21.30	17.84 - 25.23	--
Region 6 (Santa Clara)	18.35 ^b	15.71 - 21.32	15.30	12.83 - 18.16	0.073
Region 7R (Contra Costa)	--	-- --	17.69	14.81 - 21.00	--
Region 8R (Alameda)	--	-- --	17.24	14.63 - 20.22	--
Region 9R (San Mateo)	--	-- --	16.20	13.38 - 19.48	--
Region 10	21.39	18.29 - 24.85	18.37	15.56 - 21.56	0.111
Region 11 (Los Angeles)	19.31	17.57 - 21.18	19.02	17.66 - 20.45	0.792
LA SPA 1 and 5	--	-- --	20.09	16.93 - 23.66	--
LA SPA 2	--	-- --	19.78	17.12 - 22.73	--
LA SPA 3	--	-- --	15.25	12.93 - 17.89	--
LA SPA 4	--	-- --	19.85	16.69 - 23.43	--
LA SPA 6	--	-- --	21.11	17.76 - 24.89	--
LA SPA 7	--	-- --	17.96	15.27 - 21.02	--
LA SPA 8	--	-- --	20.51	17.61 - 23.75	--
Region 12R	--	-- --	21.20	17.84 - 25.00	--
Regions 13 and 19R	--	-- --	18.82	16.28 - 21.67	--
Region 13 (Riverside)	22.40 ^b	19.18 - 25.98	18.71	16.02 - 21.73	0.052
Region 19R (Imperial)	--	-- --	20.28	16.92 - 24.12	--
Region 14 (Orange)	20.84 ^a	18.21 - 23.75	17.61	15.37 - 20.08	0.043
Region 15R (Fresno)	--	-- --	19.67	16.65 - 23.07	--
Region 16R (San Diego)	--	-- --	19.55	17.25 - 22.08	--
Region 17R	--	-- --	21.14	18.27 - 24.34	--
Region 18R (San Bernardino)	--	-- --	23.01	20.09 - 26.20	--
Region 20R	--	-- --	20.18	16.95 - 23.84	--
Region 21R	--	-- --	20.87	17.80 - 24.31	--
Colorado	31.16	28.86 - 33.55	28.94	26.61 - 31.38	0.144
Region 1	30.58	26.85 - 34.58	29.31	25.37 - 33.59	0.597
Regions 2 and 7	30.94	28.05 - 33.98	29.35	26.47 - 32.42	0.417
Region 3	31.02 ^b	27.13 - 35.20	26.91	23.16 - 31.01	0.097
Region 4	33.34 ^a	28.40 - 38.69	25.55	21.18 - 30.48	0.007
Regions 5 and 6	31.95	27.56 - 36.68	30.78	26.32 - 35.64	0.673
Connecticut	27.41	24.98 - 29.98	24.90	22.64 - 27.30	0.115
Eastern	28.05	23.81 - 32.73	25.31	21.62 - 29.40	0.302
North Central	27.65	24.26 - 31.33	25.61	22.18 - 29.36	0.372
Northwestern	30.91 ^a	26.74 - 35.41	24.83	21.10 - 28.99	0.022
South Central	27.07	23.41 - 31.07	25.66	22.11 - 29.56	0.564
Southwest	23.93	20.18 - 28.14	22.68	19.18 - 26.61	0.610

See notes at end of table.

(continued)

Table 13 Tobacco Product Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Delaware	29.62	27.42 - 31.92	28.59	26.37 - 30.92	0.498
Kent	30.88	26.76 - 35.32	31.68	27.57 - 36.08	0.770
New Castle (excluding Wilmington City)	28.77	26.15 - 31.55	27.35	24.64 - 30.24	0.446
Sussex	30.42	26.41 - 34.74	28.81	24.99 - 32.95	0.549
Wilmington City	30.53	26.01 - 35.46	29.12	24.71 - 33.96	0.615
District of Columbia	28.19	25.76 - 30.76	26.77	24.57 - 29.08	0.361
Ward 1	30.38	26.13 - 34.99	29.16	24.95 - 33.76	0.647
Ward 2	31.99 ^a	27.90 - 36.37	26.33	22.63 - 30.41	0.023
Ward 3	24.80 ^b	21.15 - 28.84	20.97	17.82 - 24.52	0.091
Ward 4	22.62	18.78 - 26.99	22.99	19.19 - 27.29	0.886
Ward 5	28.81	24.39 - 33.68	27.62	23.60 - 32.03	0.678
Ward 6	28.20	23.81 - 33.04	28.19	23.94 - 32.87	0.998
Ward 7	28.21	23.94 - 32.90	28.44	24.07 - 33.25	0.937
Ward 8	31.73	27.48 - 36.30	31.48	27.32 - 35.95	0.926
Florida¹	28.45 ^a	27.17 - 29.77	25.22	24.00 - 26.47	0.000
Region A - Northwest	--	--- --	31.58	29.05 - 34.23	--
Circuit 1	33.48	29.57 - 37.62	30.06	26.55 - 33.82	0.172
Circuit 2	--	--- --	32.05	28.17 - 36.19	--
Circuit 14	--	--- --	34.50	30.01 - 39.29	--
Region B - Northeast	--	--- --	29.18	26.92 - 31.54	--
Circuits 3 and 8	--	--- --	30.79	27.22 - 34.60	--
Circuit 4	--	--- --	28.89	25.57 - 32.45	--
Circuit 7	--	--- --	28.48	24.98 - 32.27	--
Region C - Central	--	--- --	25.87	24.05 - 27.77	--
Circuit 5	30.42	26.41 - 34.75	28.43	24.58 - 32.63	0.439
Circuit 9	--	--- --	22.95	20.26 - 25.89	--
Circuit 10	30.06	26.28 - 34.12	27.54	23.91 - 31.48	0.307
Circuit 18	--	--- --	24.89	21.60 - 28.51	--
Circuit 19	29.51	25.56 - 33.80	27.65	23.90 - 31.73	0.457
Region D - Southeast	--	--- --	21.30	19.34 - 23.40	--
Circuit 15 (Palm Beach)	26.70 ^a	23.34 - 30.35	21.47	18.58 - 24.66	0.017
Circuit 17 (Broward)	26.91 ^a	24.02 - 30.01	21.17	18.76 - 23.81	0.002
Region E - Sun Coast	--	--- --	26.85	24.89 - 28.90	--
Circuit 6	--	--- --	30.73	26.99 - 34.74	--
Circuit 12	--	--- --	26.18	22.63 - 30.06	--
Circuit 13 (Hillsborough)	--	--- --	24.73	21.88 - 27.82	--
Circuit 20	27.77	24.33 - 31.49	24.84	21.44 - 28.59	0.205
Region F - Southern (Circuits 11 and 16)	24.04 ^a	21.60 - 26.66	18.55	16.33 - 20.99	0.001
Georgia	31.80 ^a	29.54 - 34.14	26.97	24.71 - 29.34	0.001
Region 1	--	--- --	27.34	23.89 - 31.08	--
Region 2	--	--- --	28.73	24.89 - 32.90	--
Region 3	--	--- --	23.08	20.04 - 26.44	--
Region 4	--	--- --	32.39	27.73 - 37.42	--
Region 5	--	--- --	31.27	26.57 - 36.38	--
Region 6	--	--- --	26.91	22.92 - 31.31	--

See notes at end of table.

(continued)

Table 13 Tobacco Product Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Hawaii	23.80 ^b	21.54 - 26.21	21.11	19.05 - 23.33	0.072
Hawaii Island	27.02 ^b	22.69 - 31.83	22.56	18.88 - 26.72	0.095
Honolulu	22.78	20.31 - 25.44	20.86	18.53 - 23.41	0.259
Kauai and Maui	25.94 ^a	21.95 - 30.37	20.96	17.73 - 24.61	0.042
Kauai	--	-- --	20.62	16.65 - 25.25	--
Maui	--	-- --	21.11	17.37 - 25.42	--
Idaho	27.03	24.94 - 29.23	26.43	24.23 - 28.76	0.674
Region 1	28.54	24.60 - 32.83	28.50	24.37 - 33.02	0.989
Region 2	29.72	25.63 - 34.15	30.23	25.82 - 35.05	0.847
Region 3	28.46	24.85 - 32.38	27.39	23.49 - 31.68	0.659
Region 4	27.04	23.88 - 30.46	26.75	23.27 - 30.54	0.897
Region 5	27.24	23.55 - 31.28	24.60	21.10 - 28.48	0.268
Region 6	25.59	22.01 - 29.53	26.57	22.72 - 30.80	0.665
Region 7	22.86	19.42 - 26.71	21.68	18.14 - 25.69	0.604
Illinois	31.48 ^a	30.23 - 32.77	26.69	25.53 - 27.87	0.000
Region I (Cook)	30.78 ^a	28.86 - 32.77	25.40	23.65 - 27.25	0.000
Region II	31.09 ^a	28.99 - 33.27	24.15	22.31 - 26.10	0.000
Region III	33.59	30.80 - 36.50	30.81	28.05 - 33.71	0.146
Region IV	32.57	29.32 - 35.99	30.84	27.57 - 34.32	0.439
Region V	32.49	29.36 - 35.79	32.52	29.49 - 35.70	0.990
Indiana	33.08	30.79 - 35.45	31.73	29.34 - 34.23	0.395
Central	31.56	27.87 - 35.49	29.97	26.22 - 34.02	0.535
East	34.99	30.48 - 39.78	35.29	30.92 - 39.92	0.917
North Central	35.58	31.35 - 40.05	33.73	29.43 - 38.32	0.496
Northeast	30.13	26.10 - 34.48	29.75	25.68 - 34.18	0.887
Northwest	30.76	26.53 - 35.34	29.50	25.56 - 33.78	0.638
Southeast	32.77	28.39 - 37.48	33.93	29.53 - 38.64	0.676
Southwest	34.74	30.12 - 39.65	32.41	27.70 - 37.51	0.428
West	35.65	31.42 - 40.12	31.97	27.82 - 36.42	0.164
Iowa	30.72 ^a	28.58 - 32.93	27.59	25.45 - 29.84	0.030
Central	31.17 ^b	27.33 - 35.28	27.21	23.58 - 31.17	0.099
North Central	30.71	26.86 - 34.85	29.80	25.35 - 34.66	0.742
Northeast	30.80 ^b	27.34 - 34.49	27.03	23.73 - 30.62	0.094
Northwest	29.52 ^a	25.74 - 33.60	24.53	20.94 - 28.51	0.045
Southeast	31.25	27.59 - 35.16	28.90	25.30 - 32.79	0.335
Southwest	30.60	26.26 - 35.32	29.11	24.95 - 33.66	0.588
Kansas	32.33 ^b	29.96 - 34.81	29.42	27.17 - 31.77	0.056
Kansas City Metro	31.59 ^b	28.14 - 35.27	27.37	24.28 - 30.70	0.060
Northeast	32.44	28.54 - 36.59	29.85	25.97 - 34.05	0.302
South Central	33.57	29.13 - 38.33	29.61	25.52 - 34.06	0.131
Southeast	35.82	31.01 - 40.93	32.71	27.97 - 37.83	0.298
West	30.84	26.61 - 35.41	30.45	26.19 - 35.07	0.880
Wichita (Sedgwick)	32.13	28.28 - 36.25	30.79	26.92 - 34.94	0.592

See notes at end of table.

(continued)

Table 13 Tobacco Product Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Kentucky	39.62	37.15 - 42.15	37.44	34.92 - 40.03	0.194
Adanta, Cumberland River, and Lifeskills	40.65	36.35 - 45.11	38.56	34.09 - 43.24	0.466
Bluegrass, Comprehend, and North Key	36.12	32.43 - 39.98	34.93	31.27 - 38.78	0.637
Communicare and River Valley	41.97	37.10 - 47.01	38.53	33.76 - 43.54	0.253
Four Rivers and Pennyroyal	39.90	34.89 - 45.13	37.47	32.72 - 42.47	0.446
Kentucky River, Mountain, and Pathways	43.42	38.55 - 48.43	42.94	37.71 - 48.34	0.884
Seven Counties	39.95	35.78 - 44.27	36.53	32.47 - 40.79	0.204
Louisiana	32.76	30.52 - 35.07	31.98	29.67 - 34.38	0.598
Regions 1 and 10	--	-- --	27.74	24.41 - 31.35	--
Region 1	32.17	27.73 - 36.97	28.79	24.51 - 33.49	0.232
Region 10 (Jefferson)	31.11	26.78 - 35.81	26.70	22.60 - 31.25	0.104
Regions 2 and 9	30.23	27.03 - 33.64	30.30	26.75 - 34.10	0.977
Region 3	34.73	30.11 - 39.64	34.61	29.91 - 39.63	0.970
Regions 4, 5, and 6	--	-- --	34.82	30.99 - 38.86	--
Regions 7 and 8	33.50	29.70 - 37.54	33.40	29.67 - 37.34	0.966
Maine¹	31.13 ^a	28.65 - 33.72	27.90	25.59 - 30.34	0.043
Aroostook/Downeast	--	-- --	29.33	25.70 - 33.25	--
Aroostook	--	-- --	29.15	24.48 - 34.31	--
Downeast	--	-- --	29.48	24.98 - 34.42	--
Central	--	-- --	28.02	24.04 - 32.38	--
Cumberland	28.68 ^b	25.10 - 32.55	24.62	21.13 - 28.49	0.089
Midcoast	28.84	24.61 - 33.47	28.16	23.73 - 33.05	0.816
Penquis	--	-- --	30.13	26.28 - 34.29	--
Western	--	-- --	30.33	26.30 - 34.68	--
York	31.63 ^b	27.30 - 36.30	26.83	22.91 - 31.15	0.078
Maryland	26.98 ^a	24.56 - 29.55	23.56	21.44 - 25.82	0.024
Anne Arundel	29.79 ^a	25.40 - 34.57	23.79	19.96 - 28.09	0.020
Baltimore City	32.32	27.66 - 37.35	29.70	25.54 - 34.23	0.369
Baltimore County	--	-- --	22.43	18.79 - 26.55	--
Montgomery	20.41	17.26 - 23.96	17.12	14.12 - 20.60	0.117
North Central	--	-- --	19.73	16.31 - 23.66	--
Northeast	--	-- --	29.48	24.75 - 34.70	--
Prince George's	24.92	21.18 - 29.07	21.29	17.69 - 25.38	0.133
South	--	-- --	27.91	23.79 - 32.44	--
West	--	-- --	26.98	23.00 - 31.36	--

See notes at end of table.

(continued)

Table 13 Tobacco Product Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Massachusetts	25.76 ^b	23.58 - 28.07	23.07	21.02 - 25.25	0.053
Boston	27.62 ^b	23.67 - 31.96	23.60	20.02 - 27.61	0.088
Central	27.41	23.43 - 31.79	26.32	22.54 - 30.49	0.657
Metrowest	22.27	19.19 - 25.70	19.01	16.16 - 22.22	0.105
Northeast	25.37 ^b	21.87 - 29.23	21.33	18.26 - 24.75	0.071
Southeast	27.28	23.80 - 31.07	25.92	22.26 - 29.96	0.579
Western	27.01	23.25 - 31.13	24.95	21.25 - 29.06	0.399
Michigan¹	32.33 ^b	31.02 - 33.67	30.66	29.42 - 31.92	0.063
Detroit City	33.40	30.02 - 36.96	31.65	28.22 - 35.30	0.446
Genesee	32.88	29.28 - 36.70	33.61	30.01 - 37.42	0.763
Kalamazoo	--	-- --	29.62	26.15 - 33.34	--
Kent	30.40	27.16 - 33.84	31.41	28.08 - 34.95	0.640
Lakeshore	--	-- --	31.78	28.58 - 35.15	--
Macomb	31.20	27.89 - 34.73	31.51	28.38 - 34.81	0.890
Mid South	--	-- --	32.43	29.37 - 35.64	--
Northern	33.81	30.48 - 37.30	33.42	30.17 - 36.83	0.862
Oakland	28.67 ^b	25.88 - 31.64	25.38	22.80 - 28.15	0.079
Pathways and Western	--	-- --	32.56	28.62 - 36.75	--
Riverhaven	34.98	30.73 - 39.48	33.90	29.95 - 38.10	0.688
Saginaw	32.10	28.09 - 36.40	31.80	27.47 - 36.47	0.910
Southeast	33.10	30.27 - 36.06	30.42	27.63 - 33.37	0.175
St. Clair	34.61	30.57 - 38.89	32.45	28.57 - 36.58	0.404
Washtenaw	26.63	23.49 - 30.01	25.03	22.10 - 28.20	0.424
Minnesota	30.66 ^a	28.46 - 32.96	26.93	24.73 - 29.26	0.010
Regions 1 and 2	30.69	26.32 - 35.43	28.25	24.03 - 32.89	0.384
Regions 3 and 4	34.63 ^a	30.53 - 38.98	29.18	25.26 - 33.42	0.040
Regions 5 and 6	31.56	27.84 - 35.53	28.85	25.12 - 32.89	0.266
Region 7A (Hennepin)	29.17 ^b	25.74 - 32.85	24.84	21.44 - 28.57	0.053
Region 7B (Ramsey)	30.16	25.87 - 34.83	28.92	24.41 - 33.89	0.649
Region 7C	28.57 ^a	25.17 - 32.23	24.18	21.11 - 27.54	0.039
Mississippi	34.53	32.07 - 37.08	35.80	33.45 - 38.22	0.428
Region 1	36.99	32.82 - 41.36	36.16	32.40 - 40.10	0.757
Region 2	32.97	28.70 - 37.53	36.18	31.80 - 40.80	0.248
Region 3	32.78 ^b	28.70 - 37.14	38.06	33.67 - 42.66	0.059
Region 4	31.61	27.80 - 35.68	32.40	28.59 - 36.45	0.753
Region 5	32.05	27.19 - 37.34	35.20	29.92 - 40.87	0.329
Region 6	33.59	29.22 - 38.25	36.55	32.11 - 41.22	0.289
Region 7	39.13	34.48 - 43.98	36.63	32.15 - 41.35	0.390

See notes at end of table.

(continued)

Table 13 Tobacco Product Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Missouri	36.51 ^a	34.09 - 39.00	32.46	30.16 - 34.85	0.010
Central	37.25	32.90 - 41.82	35.67	31.33 - 40.26	0.574
Eastern	34.97 ^a	31.77 - 38.31	29.10	26.25 - 32.12	0.004
Eastern (St. Louis City and County)	34.02 ^a	30.23 - 38.01	28.32	24.91 - 31.99	0.018
Eastern (excluding St. Louis)	36.91 ^a	32.33 - 41.74	30.44	26.18 - 35.08	0.025
Northwest	35.43 ^a	32.02 - 39.00	31.28	28.06 - 34.70	0.048
Northwest (Jackson)	34.74	30.45 - 39.30	30.36	26.35 - 34.68	0.109
Northwest (excluding Jackson)	36.05	31.69 - 40.66	32.07	27.93 - 36.51	0.132
Southeast	40.77	35.79 - 45.95	37.46	32.77 - 42.39	0.286
Southwest	37.74	33.29 - 42.41	35.19	30.72 - 39.94	0.388
Montana	34.12	31.71 - 36.60	31.64	29.39 - 33.97	0.119
Region 1	34.81	29.99 - 39.97	32.75	28.38 - 37.44	0.498
Region 2	36.42 ^b	32.01 - 41.06	31.33	27.37 - 35.59	0.066
Region 3	34.10	30.02 - 38.43	30.42	26.89 - 34.19	0.144
Region 4	32.21	28.81 - 35.82	32.49	28.88 - 36.31	0.908
Region 5	34.37	30.63 - 38.32	31.58	28.21 - 35.15	0.260
Nebraska	29.44	27.06 - 31.94	27.10	24.97 - 29.35	0.129
Regions 1 and 2	28.87	24.46 - 33.72	28.20	24.70 - 31.98	0.799
Region 1	--	-- --	28.01	23.64 - 32.85	--
Region 2	--	-- --	28.37	23.92 - 33.28	--
Region 3	31.25	26.96 - 35.90	26.96	23.17 - 31.11	0.105
Region 4	28.40	24.43 - 32.73	27.69	23.53 - 32.27	0.788
Region 5	30.18	26.68 - 33.93	26.68	23.38 - 30.26	0.127
Region 6	28.85	25.71 - 32.22	26.97	23.98 - 30.18	0.379
Nevada¹	33.18 ^a	30.50 - 35.97	27.53	24.99 - 30.22	0.001
Clark – Region 1	33.45 ^a	30.27 - 36.78	26.94	24.02 - 30.07	0.002
Region 3	34.28	29.82 - 39.03	30.18	26.15 - 34.54	0.143
Capital District	--	-- --	27.59	23.09 - 32.59	--
Rural/Frontier	--	-- --	32.53	27.32 - 38.20	--
Washoe – Region 2	31.07	27.14 - 35.30	28.13	24.38 - 32.22	0.226
New Hampshire	31.02 ^a	28.73 - 33.41	26.89	24.73 - 29.17	0.008
Central	32.85 ^a	29.67 - 36.20	28.39	25.36 - 31.64	0.031
Central 1	33.94 ^b	29.87 - 38.27	29.29	25.32 - 33.60	0.082
Central 2	31.80	27.63 - 36.28	27.53	23.66 - 31.77	0.105
Northern	30.87	26.72 - 35.35	29.50	25.30 - 34.07	0.623
Southern	30.18 ^a	27.46 - 33.04	25.58	23.06 - 28.27	0.011
Southern 1 (Rockingham)	30.06 ^a	26.17 - 34.27	24.77	21.39 - 28.50	0.034
Southern 2	30.25 ^b	26.98 - 33.73	26.08	23.03 - 29.38	0.056
New Jersey	25.96	23.73 - 28.32	24.43	22.25 - 26.75	0.312
Central	28.78	25.04 - 32.82	25.23	21.76 - 29.04	0.150
Metropolitan	23.03	19.67 - 26.78	22.87	19.82 - 26.24	0.942
Northern	24.78	21.55 - 28.32	22.29	19.08 - 25.87	0.255
Southern	28.15	24.48 - 32.13	28.60	24.82 - 32.71	0.855

See notes at end of table.

(continued)

Table 13 Tobacco Product Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
New Mexico	28.55 ^b	26.24 - 30.99	25.64	23.44 - 27.97	0.054
Region 1	28.25	24.53 - 32.30	25.38	22.11 - 28.95	0.210
Region 2	25.22	21.25 - 29.65	21.51	17.98 - 25.51	0.123
Region 3 (Bernalillo)	28.87	25.60 - 32.37	26.35	23.13 - 29.83	0.263
Region 4	32.34	27.90 - 37.12	30.63	26.53 - 35.06	0.525
Region 5	28.56 ^b	24.88 - 32.56	24.61	21.19 - 28.37	0.093
New York	28.26 ^a	26.95 - 29.60	24.02	22.79 - 25.30	0.000
Region A	25.74 ^a	23.95 - 27.61	21.75	20.14 - 23.45	0.001
Region 1	26.48 ^a	23.01 - 30.27	21.48	18.63 - 24.63	0.017
Region 2	25.83	22.93 - 28.96	23.42	20.81 - 26.24	0.209
Region 3	29.64 ^a	26.29 - 33.22	20.67	17.87 - 23.78	0.000
Region 4	22.44	19.72 - 25.42	20.52	17.83 - 23.50	0.301
Region B	--	-- --	22.22	20.45 - 24.10	--
Region 5	26.28 ^a	23.62 - 29.13	22.26	19.88 - 24.83	0.025
Region 6	24.71 ^a	21.73 - 27.96	19.04	16.27 - 22.14	0.004
Region 7	28.94	25.31 - 32.85	27.16	23.79 - 30.81	0.458
Region C	--	-- --	27.36	25.60 - 29.20	--
Region 8	32.52 ^a	28.82 - 36.44	26.94	23.79 - 30.35	0.016
Region 9	31.97	28.42 - 35.75	28.75	25.41 - 32.33	0.167
Region 10	34.50 ^a	30.45 - 38.78	28.40	24.58 - 32.56	0.019
Region 11	32.88 ^a	29.43 - 36.53	26.10	22.93 - 29.54	0.002
Region 12	32.16 ^a	28.65 - 35.87	27.34	24.18 - 30.74	0.041
Region D	34.87 ^b	32.19 - 37.64	31.74	29.13 - 34.47	0.080
Region 13	34.08	29.93 - 38.49	31.56	27.41 - 36.02	0.355
Region 14	35.11	30.95 - 39.50	32.78	28.50 - 37.36	0.398
Region 15	35.32 ^b	31.28 - 39.59	30.87	27.25 - 34.75	0.076
North Carolina	35.02 ^a	32.53 - 37.60	28.38	26.08 - 30.80	0.000
Alliance	--	-- --	22.57	19.36 - 26.15	--
Cardinal Innovations	--	-- --	28.80	24.80 - 33.17	--
CenterPoint/Guilford	--	-- --	27.44	23.74 - 31.49	--
CenterPoint	--	-- --	29.17	24.34 - 34.52	--
Guilford	--	-- --	25.56	21.23 - 30.43	--
CoastalCare	--	-- --	29.08	24.33 - 34.34	--
Eastpointe	--	-- --	31.87	27.34 - 36.78	--
ECBH	--	-- --	29.90	25.19 - 35.07	--
MeckLINK	--	-- --	26.03	21.88 - 30.65	--
Partners	--	-- --	32.80	28.43 - 37.49	--
Sandhills	--	-- --	30.33	25.77 - 35.31	--
Smoky Mountain	--	-- --	32.07	26.92 - 37.70	--
Western Highlands	--	-- --	29.84	25.17 - 34.97	--

See notes at end of table.

(continued)

Table 13 Tobacco Product Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
North Dakota	33.47 ^a	31.19 - 35.82	28.84	26.68 - 31.11	0.001
Badlands and West Central Lake Region and South Central	32.29	28.73 - 36.07	29.48	25.91 - 33.33	0.242
North Central and Northwest	33.09 ^b	29.04 - 37.42	28.57	24.62 - 32.89	0.083
Northeast	33.64	29.54 - 38.00	32.03	28.07 - 36.26	0.543
Southeast	35.68 ^a	31.69 - 39.87	30.35	26.51 - 34.48	0.028
	33.56 ^a	30.12 - 37.18	25.50	22.55 - 28.70	0.000
Ohio	35.14 ^a	33.79 - 36.50	31.77	30.54 - 33.03	0.000
Boards 2, 46, 55, and 68	38.62 ^b	34.66 - 42.73	33.88	30.04 - 37.94	0.065
Boards 3, 52, and 85	33.68 ^a	29.84 - 37.75	28.55	24.91 - 32.49	0.033
Boards 4 and 78	36.61	32.30 - 41.15	35.72	31.26 - 40.46	0.754
Boards 5 and 60	40.40	36.24 - 44.70	36.83	32.67 - 41.19	0.188
Boards 7, 15, 41, 79, and 84	38.01 ^a	33.80 - 42.40	32.24	28.57 - 36.15	0.030
Boards 8, 13, and 83	36.39 ^a	32.43 - 40.55	29.61	26.24 - 33.21	0.005
Board 9 (Butler)	37.06 ^b	32.87 - 41.46	32.51	28.58 - 36.70	0.089
Board 12	34.18	30.38 - 38.18	32.68	28.77 - 36.85	0.549
Boards 18 and 47	32.70	29.90 - 35.64	31.80	29.23 - 34.49	0.635
Boards 20, 32, 54, and 69	33.51 ^b	29.55 - 37.72	28.54	24.80 - 32.59	0.054
Boards 21, 39, 51, 70, and 80	35.48	31.53 - 39.65	31.80	28.26 - 35.58	0.136
Boards 22, 74, and 87	34.32 ^b	30.38 - 38.49	30.13	26.56 - 33.96	0.088
Boards 23 and 45	34.13	30.28 - 38.21	31.99	28.26 - 35.97	0.389
Board 25 (Franklin)	35.55 ^a	32.54 - 38.67	30.30	27.27 - 33.50	0.014
Boards 27, 71, and 73	39.88	35.70 - 44.21	38.90	34.74 - 43.24	0.720
Boards 28, 43, and 67	31.52	28.09 - 35.16	29.71	26.41 - 33.23	0.419
Board 31 (Hamilton)	33.79 ^b	30.29 - 37.47	30.13	26.95 - 33.53	0.099
Board 48 (Lucas)	33.44	29.72 - 37.38	33.20	29.22 - 37.44	0.926
Boards 50 and 76	35.46 ^b	31.71 - 39.38	30.86	27.56 - 34.38	0.057
Board 57 (Montgomery)	35.94 ^a	32.00 - 40.08	30.76	27.23 - 34.53	0.037
Board 77 (Summit)	34.31	30.68 - 38.13	31.85	28.40 - 35.51	0.290
Oklahoma	35.21	32.75 - 37.75	35.52	32.97 - 38.16	0.846
Central	32.98	28.76 - 37.51	33.16	28.67 - 37.98	0.947
East Central	36.86	32.16 - 41.82	36.94	32.00 - 42.18	0.977
Northeast	35.17	30.82 - 39.77	33.76	29.69 - 38.08	0.610
Northwest and Southwest	34.91	30.48 - 39.61	38.80	34.13 - 43.69	0.178
Oklahoma County	34.66	30.58 - 38.99	34.10	30.13 - 38.32	0.828
Southeast	38.25	33.66 - 43.06	40.43	35.61 - 45.43	0.470
Tulsa County	33.79	29.85 - 37.97	32.23	27.99 - 36.78	0.559
Oregon	29.68 ^a	27.33 - 32.15	26.35	24.17 - 28.67	0.023
Region 1 (Multnomah)	30.73	26.89 - 34.85	28.80	25.07 - 32.84	0.444
Region 2	27.12	23.77 - 30.75	23.76	20.56 - 27.28	0.127
Region 3	29.27	25.86 - 32.94	25.66	22.67 - 28.89	0.104
Region 4	32.67	28.37 - 37.29	28.35	24.23 - 32.85	0.123
Region 5 (Central)	--	-- --	26.48	22.25 - 31.20	--
Region 6 (Eastern)	--	-- --	27.24	22.47 - 32.59	--

See notes at end of table.

(continued)

Table 13 Tobacco Product Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	<i>P</i> Value
Pennsylvania¹	32.70 ^a	31.43 - 33.99	30.25	28.99 - 31.54	0.006
Region 1 (Allegheny)	32.94	29.66 - 36.41	31.72	28.46 - 35.18	0.599
Regions 3, 8, 9, and 51	--	-- --	31.96	28.31 - 35.85	--
Regions 4, 11, 37, and 49	35.55	32.07 - 39.19	33.68	29.97 - 37.60	0.434
Regions 5, 18, 23, 24, and 46	32.78	29.27 - 36.49	33.96	30.56 - 37.53	0.612
Regions 6, 12, 16, 31, 35, 45, and 47	--	-- --	31.24	27.88 - 34.81	--
Regions 7, 13, 20, and 33	28.13 ^a	25.72 - 30.69	24.25	22.01 - 26.65	0.024
Regions 10, 15, 27, 32, 43, and 44	--	-- --	37.99	33.95 - 42.21	--
Regions 17 and 21	34.70	30.47 - 39.19	33.79	29.73 - 38.11	0.745
Regions 19, 26, 28, and 42	29.92	27.04 - 32.97	27.80	24.96 - 30.84	0.293
Regions 22, 38, 40, 41, and 48	35.59	32.13 - 39.22	34.19	30.60 - 37.96	0.572
Regions 29 and 34	30.70	27.04 - 34.61	30.69	26.84 - 34.83	0.998
Regions 30 and 50	--	-- --	30.52	26.95 - 34.34	--
Region 36 (Philadelphia)	33.78 ^b	30.78 - 36.91	29.97	27.17 - 32.94	0.056
Rhode Island	30.13	27.62 - 32.76	28.26	25.99 - 30.65	0.240
Bristol and Newport	31.11	26.88 - 35.68	26.80	22.67 - 31.38	0.105
Kent	32.74	28.50 - 37.27	28.75	24.74 - 33.12	0.141
Providence	29.13	26.02 - 32.44	28.74	25.92 - 31.73	0.851
Washington	30.52	26.27 - 35.12	26.88	22.87 - 31.29	0.147
South Carolina	32.13	29.76 - 34.59	32.02	29.66 - 34.47	0.946
Region 1	34.76	30.66 - 39.08	32.44	28.67 - 36.46	0.393
Region 2	30.84	27.66 - 34.21	32.19	28.76 - 35.82	0.560
Region 3	32.98	28.87 - 37.37	34.39	30.06 - 39.00	0.597
Region 4	30.34	26.52 - 34.44	29.87	26.37 - 33.62	0.844
South Dakota	34.69 ^a	32.23 - 37.23	31.27	28.91 - 33.74	0.035
Region 1	--	-- --	35.66	31.44 - 40.12	--
Region 2	--	-- --	32.83	28.16 - 37.87	--
Region 3	--	-- --	27.58	24.06 - 31.41	--
Region 4	--	-- --	31.79	27.50 - 36.41	--
Region 5	--	-- --	29.77	26.46 - 33.31	--
Tennessee	33.53	31.19 - 35.95	33.58	31.21 - 36.04	0.973
Region 1	37.84	32.74 - 43.23	36.31	31.49 - 41.42	0.636
Region 2	37.95	33.48 - 42.64	35.66	31.49 - 40.05	0.416
Region 3	--	-- --	34.39	30.08 - 38.98	--
Region 4 (Davidson)	31.29	27.02 - 35.91	32.61	28.26 - 37.28	0.622
Region 5	--	-- --	33.95	30.04 - 38.08	--
Region 6	36.86	32.22 - 41.76	35.17	30.74 - 39.87	0.561
Region 7 (Shelby)	27.00	23.04 - 31.36	27.40	23.53 - 31.64	0.876

See notes at end of table.

(continued)

Table 13 Tobacco Product Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	<i>P</i> Value
Texas	29.76 ^a	28.52 - 31.02	24.93	23.75 - 26.15	0.000
Region 1	30.93	27.25 - 34.88	29.74	26.03 - 33.74	0.618
Region 2	31.21	27.04 - 35.71	28.96	24.95 - 33.33	0.371
Region 3	29.42 ^a	27.58 - 31.32	24.35	22.55 - 26.25	0.000
Region 3a	29.46 ^a	27.17 - 31.85	23.05	20.83 - 25.43	0.000
Region 3bc	29.35	26.49 - 32.38	26.62	23.92 - 29.50	0.148
Region 4	35.21	31.35 - 39.27	32.77	28.87 - 36.93	0.358
Region 5	36.77 ^b	32.42 - 41.35	32.04	28.07 - 36.28	0.072
Region 6	28.85 ^a	26.79 - 31.00	24.29	22.25 - 26.45	0.001
Region 6a	28.32 ^a	26.11 - 30.64	23.94	21.78 - 26.26	0.005
Region 6bc	33.16 ^a	29.12 - 37.47	27.21	23.27 - 31.54	0.022
Region 7	31.29 ^a	28.83 - 33.86	26.45	24.19 - 28.83	0.002
Region 7a	29.01 ^b	25.95 - 32.27	25.42	22.59 - 28.49	0.071
Region 7bcd	34.69 ^a	31.17 - 38.38	28.16	24.97 - 31.59	0.004
Region 8	28.41 ^a	25.56 - 31.44	21.06	18.60 - 23.75	0.000
Region 9	31.86	27.68 - 36.36	30.12	26.13 - 34.44	0.521
Region 10	26.20 ^a	22.73 - 29.99	21.26	18.36 - 24.47	0.014
Region 11	26.53 ^a	23.81 - 29.45	21.36	19.00 - 23.94	0.003
Region 11abd	26.94 ^b	23.48 - 30.70	22.90	19.95 - 26.15	0.063
Region 11c (Hidalgo)	25.72 ^a	22.16 - 29.63	18.65	15.62 - 22.12	0.001
Utah	19.69 ^b	17.72 - 21.82	17.23	15.43 - 19.20	0.057
Bear River, Northeastern, Summit, Tooele, and Wasatch	21.12 ^a	17.89 - 24.75	15.59	12.79 - 18.86	0.006
Central, Four Corners, San Juan, and Southwest	20.14	16.71 - 24.08	19.03	15.60 - 23.00	0.611
Davis County	18.11	15.09 - 21.58	16.49	13.60 - 19.86	0.403
Salt Lake County	21.12	18.42 - 24.10	18.51	16.07 - 21.22	0.127
Utah County	15.20	12.58 - 18.25	14.25	11.76 - 17.16	0.588
Weber, Morgan	20.88	17.43 - 24.80	18.47	15.18 - 22.28	0.262
Vermont	29.86	27.62 - 32.20	27.67	25.53 - 29.93	0.135
Champlain Valley	27.97	25.04 - 31.11	27.33	24.51 - 30.34	0.738
Rural Northeast	31.50	27.80 - 35.46	29.24	25.58 - 33.18	0.357
Rural Southeast	29.46	25.75 - 33.48	27.03	23.49 - 30.88	0.322
Rural Southwest	32.43 ^a	28.28 - 36.87	27.06	23.25 - 31.25	0.043
Virginia	29.75 ^a	27.48 - 32.12	25.75	23.62 - 28.00	0.005
Region 1	--	-- --	28.39	24.89 - 32.17	--
Region 2	23.95 ^a	20.73 - 27.50	19.37	16.49 - 22.63	0.025
Region 3	33.43	29.32 - 37.81	32.78	28.78 - 37.04	0.810
Region 4	--	-- --	25.84	22.16 - 29.91	--
Region 5	31.25 ^a	27.48 - 35.29	26.30	22.89 - 30.02	0.035

See notes at end of table.

(continued)

Table 13 Tobacco Product Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		<i>P</i> Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Washington¹	26.61	24.40 - 28.95	26.00	23.94 - 28.18	0.673
Region 1	--	-- --	27.66	24.53 - 31.02	--
East 1 (previously Region 1)	28.14	24.16 - 32.49	27.71	23.79 - 32.00	0.866
East 2 (previously Region 2)	27.00	22.87 - 31.57	27.59	23.54 - 32.04	0.817
Region 2	--	-- --	24.20	21.69 - 26.90	--
North 1 (previously Region 3)	26.14	22.44 - 30.20	25.44	22.03 - 29.18	0.769
North 2 (previously Region 4)	23.20	20.24 - 26.45	23.49	20.45 - 26.82	0.887
Region 3	--	-- --	27.44	24.55 - 30.54	--
West 1 (previously Region 5)	29.49	25.51 - 33.80	28.14	24.52 - 32.07	0.600
West 2 (previously Region 6)	29.14	25.16 - 33.47	26.80	23.06 - 30.90	0.354
West Virginia¹	38.26	35.70 - 40.89	38.17	35.73 - 40.68	0.956
Region I	38.21	33.31 - 43.35	33.41	28.57 - 38.62	0.130
Region II	--	-- --	37.78	32.98 - 42.83	--
Region III	37.73	32.56 - 43.20	36.20	31.39 - 41.29	0.636
Region IV	--	-- --	38.79	34.89 - 42.85	--
Region V	--	-- --	38.74	35.09 - 42.51	--
Region VI	--	-- --	39.94	35.30 - 44.78	--
Wisconsin	31.13 ^a	28.83 - 33.53	26.90	24.62 - 29.31	0.006
Milwaukee	32.01	27.95 - 36.36	29.42	25.24 - 33.98	0.333
Northeastern	30.08	26.42 - 34.00	28.25	24.77 - 32.01	0.455
Northern	31.06	26.79 - 35.69	27.51	23.18 - 32.30	0.189
Southeastern	31.76 ^a	27.68 - 36.14	24.52	20.85 - 28.61	0.006
Southern	--	-- --	25.43	21.75 - 29.50	--
Western	--	-- --	26.99	23.19 - 31.16	--

See notes at end of table.

(continued)

Table 13 Tobacco Product Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		<i>P</i> Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Wyoming	33.64	31.33 - 36.03	32.34	30.00 - 34.76	0.397
Judicial District 1 (Laramie)	33.27	29.30 - 37.48	31.35	27.43 - 35.57	0.464
Judicial District 2	33.64	29.64 - 37.88	31.81	27.70 - 36.21	0.452
Judicial District 3	33.18	29.20 - 37.42	31.39	27.41 - 35.67	0.505
Judicial District 4	32.25	27.45 - 37.45	30.96	26.51 - 35.79	0.667
Judicial District 5	33.34	28.86 - 38.16	29.13	24.72 - 33.97	0.143
Judicial District 6	34.40	29.96 - 39.14	36.01	31.59 - 40.69	0.568
Judicial District 7 (Natrona)	35.31	30.92 - 39.97	36.57	32.11 - 41.28	0.663
Judicial District 8	35.18	30.31 - 40.38	32.61	27.97 - 37.62	0.402
Judicial District 9	32.42	28.01 - 37.18	30.54	26.27 - 35.17	0.494

ECBH = East Carolina Behavioral Health; SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2002-2004 and 2010-2012); hence, the 2002-2004 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2010-2012 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=34>.

NOTE: Substate, State, and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques, with their *p* values being the Bayes posterior probability of no change between the 2002-2004 and 2010-2012 estimates. The "Total U.S." estimates, along with the 95 percent confidence intervals and *p* values, are based on design-based (direct) estimation methods.

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

^a Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.10 level.

¹ Names of some of the substate regions for this State have changed across the two time periods (2002-2004 vs. 2010-2012). For details, see the methodology write-up for comparing estimates located below the tables.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2004, 2010, 2011, and 2012 (2010 Data - Revised March 2012).

Table 14 Cigarette Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Total United States	25.46 ^a	25.07 - 25.85	22.31	21.95 - 22.68	0.000
Northeast	24.91 ^a	24.18 - 25.66	21.59	20.87 - 22.32	0.000
Midwest	28.03 ^a	27.41 - 28.66	24.46	23.85 - 25.08	0.000
South	26.75 ^a	26.16 - 27.35	23.39	22.78 - 24.00	0.000
West	21.31 ^a	20.57 - 22.07	19.17	18.47 - 19.89	0.000
Alabama	27.24	24.96 - 29.65	26.33	24.09 - 28.70	0.567
Region 1	28.26	24.68 - 32.14	26.03	22.70 - 29.65	0.355
Region 2	26.62	23.41 - 30.09	27.71	24.44 - 31.23	0.630
Region 3	26.35 ^a	22.85 - 30.18	21.84	18.69 - 25.36	0.050
Region 4	27.58	24.28 - 31.15	28.32	24.81 - 32.12	0.754
Alaska	26.23	23.89 - 28.70	27.35	24.92 - 29.93	0.495
Anchorage	--	-- --	23.58	20.76 - 26.64	--
Northern	--	-- --	31.30	27.38 - 35.51	--
South Central	--	-- --	29.48	25.48 - 33.83	--
Southeast	26.03	21.96 - 30.56	28.41	24.03 - 33.23	0.403
Arizona	26.30 ^a	24.00 - 28.73	22.93	20.67 - 25.35	0.033
Maricopa	25.82	23.09 - 28.76	22.82	20.18 - 25.70	0.112
Pima	26.52	22.88 - 30.50	22.82	19.25 - 26.83	0.130
Rural North	26.73	22.92 - 30.91	24.56	20.61 - 29.00	0.401
Rural South	27.94 ^a	23.57 - 32.78	22.10	18.06 - 26.75	0.040
Arkansas¹	31.08 ^a	28.69 - 33.59	26.18	23.97 - 28.51	0.002
Catchment Area 1	--	-- --	20.41	17.33 - 23.88	--
Catchment Area 2	32.19 ^b	27.70 - 37.05	27.35	23.16 - 31.99	0.090
Catchment Area 3	31.92	27.90 - 36.23	28.65	24.62 - 33.05	0.232
Catchment Area 4	--	-- --	25.60	21.49 - 30.20	--
Catchment Area 5	--	-- --	28.60	24.75 - 32.79	--
Catchment Area 6	--	-- --	29.60	25.27 - 34.35	--
Catchment Area 7	--	-- --	25.48	21.40 - 30.04	--
Catchment Area 8	30.48 ^b	26.89 - 34.31	25.86	22.48 - 29.56	0.059

See notes at end of table.

(continued)

Table 14 Cigarette Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
California	18.33 ^a	17.22 - 19.49	16.57	15.56 - 17.64	0.022
Region 1R	--	--- --	23.31	19.86 - 27.16	--
Region 2R	--	--- --	17.49	14.81 - 20.53	--
Region 3R (Sacramento)	--	--- --	17.53	14.72 - 20.73	--
Region 4R	--	--- --	16.16	13.77 - 18.86	--
Region 5R (San Francisco)	--	--- --	18.58	15.41 - 22.24	--
Region 6 (Santa Clara)	15.76 ^b	13.57 - 18.22	12.98	10.81 - 15.52	0.064
Region 7R (Contra Costa)	--	--- --	14.04	11.64 - 16.83	--
Region 8R (Alameda)	--	--- --	14.15	11.96 - 16.68	--
Region 9R (San Mateo)	--	--- --	13.71	11.15 - 16.75	--
Region 10	17.61	15.00 - 20.56	15.28	12.74 - 18.22	0.176
Region 11 (Los Angeles)	17.24	15.58 - 19.03	16.31	14.99 - 17.71	0.389
LA SPA 1 and 5	--	--- --	17.06	14.28 - 20.25	--
LA SPA 2	--	--- --	16.76	14.34 - 19.50	--
LA SPA 3	--	--- --	13.78	11.67 - 16.21	--
LA SPA 4	--	--- --	17.04	14.32 - 20.16	--
LA SPA 6	--	--- --	17.38	14.51 - 20.68	--
LA SPA 7	--	--- --	16.58	13.93 - 19.61	--
LA SPA 8	--	--- --	16.63	14.10 - 19.51	--
Region 12R	--	--- --	18.52	15.45 - 22.05	--
Regions 13 and 19R	--	--- --	16.30	14.12 - 18.74	--
Region 13 (Riverside)	18.77	16.08 - 21.79	16.09	13.80 - 18.68	0.103
Region 19R (Imperial)	--	--- --	19.01	15.66 - 22.88	--
Region 14 (Orange)	18.07	15.72 - 20.69	15.65	13.57 - 17.97	0.117
Region 15R (Fresno)	--	--- --	17.11	14.29 - 20.34	--
Region 16R (San Diego)	--	--- --	16.14	14.07 - 18.44	--
Region 17R	--	--- --	18.62	15.93 - 21.66	--
Region 18R (San Bernardino)	--	--- --	20.49	17.85 - 23.40	--
Region 20R	--	--- --	17.24	14.47 - 20.41	--
Region 21R	--	--- --	17.23	14.54 - 20.30	--
Colorado	26.62 ^a	24.38 - 29.00	23.55	21.42 - 25.82	0.033
Region 1	25.12	21.83 - 28.72	23.66	20.21 - 27.49	0.499
Regions 2 and 7	27.00	24.16 - 30.03	24.29	21.61 - 27.19	0.159
Region 3	25.86 ^a	22.40 - 29.65	21.12	17.88 - 24.77	0.028
Region 4	27.28 ^b	23.10 - 31.90	22.21	18.05 - 27.02	0.058
Regions 5 and 6	27.09	23.15 - 31.44	23.56	19.77 - 27.83	0.157
Connecticut	23.95 ^b	21.66 - 26.41	21.11	19.02 - 23.37	0.055
Eastern	25.02	21.33 - 29.12	21.49	18.12 - 25.31	0.134
North Central	24.50	21.15 - 28.19	22.77	19.59 - 26.31	0.451
Northwestern	26.27 ^a	22.54 - 30.38	21.34	17.93 - 25.20	0.043
South Central	23.51	20.29 - 27.07	20.94	17.84 - 24.41	0.237
Southwest	20.97	17.62 - 24.77	18.40	15.42 - 21.82	0.242

See notes at end of table.

(continued)

Table 14 Cigarette Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Delaware	25.87	23.81 - 28.04	23.56	21.49 - 25.77	0.110
Kent	27.07	23.42 - 31.06	24.86	21.29 - 28.81	0.366
New Castle (excluding Wilmington City)	24.81	22.38 - 27.40	22.76	20.24 - 25.48	0.238
Sussex	26.96	23.34 - 30.91	23.64	20.30 - 27.34	0.174
Wilmington City	27.42	23.54 - 31.66	25.61	21.70 - 29.96	0.479
District of Columbia	25.46	23.11 - 27.97	23.04	20.94 - 25.27	0.102
Ward 1	28.61 ^b	24.41 - 33.21	23.70	19.92 - 27.94	0.070
Ward 2	29.09 ^a	25.25 - 33.27	22.82	19.37 - 26.68	0.011
Ward 3	21.85	18.48 - 25.63	18.43	15.42 - 21.88	0.107
Ward 4	20.20	16.67 - 24.25	19.59	16.14 - 23.58	0.798
Ward 5	25.17	21.01 - 29.85	22.73	19.10 - 26.84	0.371
Ward 6	25.10	21.06 - 29.61	23.72	19.92 - 28.00	0.607
Ward 7	25.59	21.66 - 29.96	25.75	21.76 - 30.19	0.953
Ward 8	29.33	25.17 - 33.88	28.68	24.53 - 33.21	0.817
Florida¹	24.20 ^a	23.00 - 25.43	21.24	20.05 - 22.47	0.001
Region A - Northwest	--	-- --	25.59	23.25 - 28.08	--
Circuit 1	28.12	24.65 - 31.87	24.80	21.62 - 28.27	0.136
Circuit 2	--	-- --	24.60	21.14 - 28.42	--
Circuit 14	--	-- --	28.76	24.63 - 33.27	--
Region B - Northeast	--	-- --	24.03	22.01 - 26.18	--
Circuits 3 and 8	--	-- --	24.26	21.10 - 27.73	--
Circuit 4	--	-- --	24.22	21.28 - 27.43	--
Circuit 7	--	-- --	23.64	20.48 - 27.11	--
Region C - Central	--	-- --	21.51	19.84 - 23.29	--
Circuit 5	24.81	21.38 - 28.59	23.55	20.18 - 27.29	0.595
Circuit 9	--	-- --	19.33	16.90 - 22.01	--
Circuit 10	25.85	22.53 - 29.48	22.66	19.55 - 26.11	0.147
Circuit 18	--	-- --	20.85	18.05 - 23.95	--
Circuit 19	23.84	20.46 - 27.59	22.67	19.34 - 26.38	0.603
Region D - Southeast	--	-- --	18.36	16.45 - 20.44	--
Circuit 15 (Palm Beach)	22.88 ^a	19.87 - 26.19	18.65	16.05 - 21.58	0.032
Circuit 17 (Broward)	23.51 ^a	20.83 - 26.42	18.13	15.82 - 20.71	0.002
Region E - Sun Coast	--	-- --	22.67	20.79 - 24.66	--
Circuit 6	--	-- --	25.13	21.78 - 28.80	--
Circuit 12	--	-- --	21.93	18.63 - 25.64	--
Circuit 13 (Hillsborough)	--	-- --	21.62	18.82 - 24.72	--
Circuit 20	23.19	20.17 - 26.52	21.28	18.24 - 24.68	0.351
Region F - Southern (Circuits 11 and 16)	21.22 ^a	19.01 - 23.61	16.58	14.56 - 18.81	0.002
Georgia	26.84 ^a	24.68 - 29.13	21.48	19.44 - 23.66	0.000
Region 1	--	-- --	21.40	18.45 - 24.68	--
Region 2	--	-- --	23.05	19.80 - 26.65	--
Region 3	--	-- --	18.52	15.87 - 21.49	--
Region 4	--	-- --	27.02	22.81 - 31.70	--
Region 5	--	-- --	24.91	20.76 - 29.57	--
Region 6	--	-- --	21.15	17.88 - 24.83	--

See notes at end of table.

(continued)

Table 14 Cigarette Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Hawaii	21.12	18.92 - 23.50	18.82	16.83 - 21.00	0.119
Hawaii Island	23.51	19.66 - 27.84	20.28	16.86 - 24.19	0.185
Honolulu	20.34	17.98 - 22.93	18.64	16.44 - 21.06	0.302
Kauai and Maui	22.80 ^b	19.26 - 26.78	18.41	15.33 - 21.95	0.051
Kauai	--	-- --	18.35	14.66 - 22.72	--
Maui	--	-- --	18.44	14.95 - 22.53	--
Idaho	23.02	21.11 - 25.04	22.34	20.29 - 24.54	0.611
Region 1	24.19	20.77 - 27.98	22.02	18.49 - 26.02	0.359
Region 2	24.62	21.03 - 28.59	23.74	19.85 - 28.13	0.708
Region 3	24.42	21.26 - 27.87	25.46	21.71 - 29.60	0.651
Region 4	22.58	19.83 - 25.59	22.19	19.13 - 25.59	0.848
Region 5	23.84	20.61 - 27.39	22.05	18.54 - 26.01	0.418
Region 6	22.29	19.20 - 25.71	22.90	19.42 - 26.79	0.769
Region 7	19.71	16.85 - 22.91	18.25	15.09 - 21.89	0.465
Illinois	27.22 ^a	25.99 - 28.49	22.48	21.32 - 23.69	0.000
Region I (Cook)	27.35 ^a	25.50 - 29.29	22.01	20.27 - 23.84	0.000
Region II	25.90 ^a	23.97 - 27.92	19.19	17.56 - 20.94	0.000
Region III	28.73	26.13 - 31.47	26.15	23.66 - 28.81	0.147
Region IV	28.44	25.41 - 31.68	27.18	24.01 - 30.59	0.545
Region V	27.93	25.02 - 31.05	27.48	24.71 - 30.44	0.816
Indiana	28.35 ^b	26.28 - 30.52	25.97	23.80 - 28.26	0.087
Central	27.85 ^b	24.65 - 31.29	24.19	20.88 - 27.83	0.099
East	29.63	25.64 - 33.96	29.30	25.25 - 33.71	0.898
North Central	29.76	26.07 - 33.75	26.62	22.86 - 30.77	0.195
Northeast	25.71	22.11 - 29.67	25.17	21.41 - 29.34	0.819
Northwest	25.78	22.06 - 29.89	25.62	21.97 - 29.65	0.949
Southeast	28.30	24.43 - 32.53	27.78	23.86 - 32.07	0.837
Southwest	29.77	25.67 - 34.21	26.59	22.41 - 31.23	0.235
West	30.53 ^a	26.87 - 34.45	25.61	21.96 - 29.63	0.034
Iowa	26.58 ^a	24.35 - 28.93	23.40	21.33 - 25.60	0.028
Central	27.13 ^a	23.45 - 31.14	22.34	19.23 - 25.78	0.034
North Central	27.25	23.62 - 31.20	24.77	20.77 - 29.25	0.352
Northeast	26.73	23.64 - 30.06	23.34	20.31 - 26.67	0.101
Northwest	25.20	21.60 - 29.19	21.70	18.33 - 25.49	0.139
Southeast	26.51	23.03 - 30.30	23.94	20.78 - 27.41	0.247
Southwest	26.97	23.05 - 31.28	25.39	21.45 - 29.77	0.555
Kansas	27.15 ^a	24.86 - 29.56	23.70	21.59 - 25.96	0.020
Kansas City Metro	26.49 ^a	23.37 - 29.85	21.65	18.93 - 24.65	0.017
Northeast	27.51	24.01 - 31.31	23.79	20.33 - 27.64	0.116
South Central	27.57	23.71 - 31.80	23.77	20.11 - 27.87	0.137
Southeast	29.85	25.42 - 34.69	26.61	22.27 - 31.45	0.256
West	25.75	21.99 - 29.91	25.02	21.26 - 29.20	0.762
Wichita (Sedgwick)	27.41	23.89 - 31.25	25.55	21.91 - 29.56	0.437

See notes at end of table.

(continued)

Table 14 Cigarette Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Kentucky	33.96	31.57 - 36.44	31.62	29.23 - 34.11	0.162
Adanta, Cumberland River, and Lifeskills	34.25	30.15 - 38.60	32.21	28.18 - 36.53	0.458
Bluegrass, Comprehend, and North Key	31.86	28.44 - 35.47	29.45	26.16 - 32.97	0.302
Communicare and River Valley	36.39	31.89 - 41.14	34.01	29.46 - 38.87	0.422
Four Rivers and Pennyroyal	33.79	29.40 - 38.48	32.15	27.67 - 36.99	0.571
Kentucky River, Mountain, and Pathways	37.54	33.04 - 42.26	36.68	31.84 - 41.82	0.787
Seven Counties	33.33	29.49 - 37.40	30.01	26.47 - 33.82	0.191
Louisiana	28.49	26.38 - 30.70	26.71	24.69 - 28.84	0.224
Regions 1 and 10	--	-- --	24.12	21.14 - 27.39	--
Region 1	29.12 ^b	25.09 - 33.51	24.38	20.58 - 28.62	0.075
Region 10 (Jefferson)	28.02	24.11 - 32.30	23.87	20.19 - 27.99	0.102
Regions 2 and 9	26.44	23.48 - 29.62	24.92	21.90 - 28.22	0.475
Region 3	30.13	26.08 - 34.52	29.63	25.44 - 34.20	0.858
Regions 4, 5, and 6	--	-- --	29.15	25.92 - 32.60	--
Regions 7 and 8	27.88	24.67 - 31.33	27.09	23.82 - 30.64	0.723
Maine¹	26.48	24.19 - 28.89	24.66	22.52 - 26.93	0.239
Aroostook/Downeast	--	-- --	27.09	23.63 - 30.85	--
Aroostook	--	-- --	28.65	24.10 - 33.68	--
Downeast	--	-- --	25.81	21.69 - 30.40	--
Central	--	-- --	25.38	21.58 - 29.59	--
Cumberland	24.34 ^b	21.15 - 27.83	20.30	17.29 - 23.68	0.063
Midcoast	24.61	20.91 - 28.73	24.77	20.78 - 29.25	0.952
Penquis	--	-- --	28.61	24.85 - 32.69	--
Western	--	-- --	27.00	23.39 - 30.95	--
York	26.49	22.80 - 30.55	22.49	19.00 - 26.42	0.107
Maryland	23.24 ^a	21.06 - 25.58	19.37	17.52 - 21.37	0.005
Anne Arundel	24.74 ^a	20.94 - 28.98	19.19	15.86 - 23.02	0.024
Baltimore City	28.92	24.58 - 33.68	27.01	22.96 - 31.47	0.497
Baltimore County	--	-- --	18.78	15.61 - 22.42	--
Montgomery	17.07 ^a	14.36 - 20.18	13.44	10.97 - 16.35	0.041
North Central	--	-- --	15.36	12.61 - 18.58	--
Northeast	--	-- --	22.53	18.74 - 26.84	--
Prince George's	22.36 ^b	18.96 - 26.18	18.24	15.12 - 21.85	0.068
South	--	-- --	22.27	18.72 - 26.28	--
West	--	-- --	22.01	18.68 - 25.75	--

See notes at end of table.

(continued)

Table 14 Cigarette Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Massachusetts	21.87 ^a	19.79 - 24.09	18.69	16.90 - 20.61	0.010
Boston	24.91 ^a	21.25 - 28.98	20.00	16.85 - 23.58	0.024
Central	22.83	19.41 - 26.65	21.33	18.08 - 24.98	0.495
Metrowest	18.51 ^b	15.78 - 21.60	15.27	12.86 - 18.04	0.054
Northeast	21.73 ^a	18.57 - 25.27	17.52	14.83 - 20.57	0.032
Southeast	22.80	19.79 - 26.11	19.84	16.76 - 23.33	0.150
Western	22.92	19.62 - 26.59	20.96	17.74 - 24.60	0.363
Michigan¹	28.17 ^a	26.94 - 29.43	26.04	24.83 - 27.29	0.016
Detroit City	30.67	27.44 - 34.10	28.74	25.37 - 32.36	0.399
Genesee	29.34	25.91 - 33.02	27.92	24.60 - 31.50	0.544
Kalamazoo	--	-- --	25.73	22.59 - 29.15	--
Kent	26.72	23.72 - 29.95	25.57	22.71 - 28.66	0.576
Lakeshore	--	-- --	27.38	24.54 - 30.41	--
Macomb	26.99	24.04 - 30.16	26.76	23.99 - 29.73	0.910
Mid South	--	-- --	28.04	25.21 - 31.06	--
Northern	28.67	25.65 - 31.90	28.22	25.13 - 31.53	0.831
Oakland	24.52 ^a	21.94 - 27.30	21.01	18.68 - 23.54	0.045
Pathways and Western	--	-- --	27.50	23.94 - 31.38	--
Riverhaven	30.14	26.39 - 34.17	29.59	25.92 - 33.54	0.829
Saginaw	27.75	24.20 - 31.61	27.81	23.92 - 32.07	0.981
Southeast	29.21 ^b	26.51 - 32.06	25.77	23.14 - 28.60	0.064
St. Clair	30.43	26.69 - 34.44	28.23	24.61 - 32.16	0.365
Washtenaw	23.10 ^a	20.37 - 26.07	19.17	16.59 - 22.04	0.027
Minnesota	26.07 ^a	23.93 - 28.33	22.56	20.60 - 24.64	0.009
Regions 1 and 2	26.27	22.55 - 30.37	25.10	21.26 - 29.38	0.642
Regions 3 and 4	28.19 ^b	24.76 - 31.89	23.94	20.64 - 27.58	0.060
Regions 5 and 6	26.63	23.20 - 30.37	24.52	21.19 - 28.19	0.357
Region 7A (Hennepin)	25.26 ^a	22.07 - 28.75	20.71	17.76 - 24.02	0.029
Region 7B (Ramsey)	26.46	22.80 - 30.47	24.36	20.41 - 28.79	0.411
Region 7C	24.47 ^a	21.26 - 27.98	19.69	16.98 - 22.71	0.019
Mississippi	28.36	26.01 - 30.84	28.73	26.47 - 31.11	0.812
Region 1	30.98	27.15 - 35.09	29.49	25.89 - 33.37	0.567
Region 2	26.89	23.08 - 31.07	28.85	24.91 - 33.14	0.450
Region 3	27.02	23.47 - 30.89	30.43	26.53 - 34.63	0.159
Region 4	25.51	22.09 - 29.27	26.10	22.67 - 29.85	0.799
Region 5	26.75	22.54 - 31.42	27.78	23.33 - 32.70	0.714
Region 6	28.38	24.55 - 32.56	29.04	25.03 - 33.42	0.795
Region 7	31.24	27.02 - 35.81	29.23	25.17 - 33.66	0.469

See notes at end of table.

(continued)

Table 14 Cigarette Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Missouri	31.10 ^a	28.76 - 33.54	26.21	24.11 - 28.43	0.001
Central	31.85	28.06 - 35.88	28.34	24.41 - 32.62	0.162
Eastern	29.80 ^a	26.78 - 33.00	23.03	20.44 - 25.85	0.000
Eastern (St. Louis City and County)	29.30 ^a	25.74 - 33.13	22.49	19.35 - 25.98	0.003
Eastern (excluding St. Louis)	30.81 ^a	26.80 - 35.12	23.98	20.50 - 27.83	0.006
Northwest	30.37 ^b	27.23 - 33.70	26.41	23.43 - 29.61	0.055
Northwest (Jackson)	30.32	26.39 - 34.55	26.22	22.48 - 30.34	0.116
Northwest (excluding Jackson)	30.41	26.46 - 34.66	26.56	22.69 - 30.83	0.137
Southeast	35.02	30.42 - 39.91	30.34	26.27 - 34.75	0.108
Southwest	31.49	27.39 - 35.89	28.01	24.24 - 32.11	0.199
Montana	27.01	24.78 - 29.36	24.81	22.83 - 26.91	0.126
Region 1	27.73	23.69 - 32.17	27.49	23.48 - 31.91	0.928
Region 2	28.43	24.67 - 32.51	25.42	21.79 - 29.42	0.225
Region 3	27.03	23.53 - 30.84	24.58	21.47 - 27.99	0.278
Region 4	25.51	22.41 - 28.87	24.47	21.44 - 27.78	0.632
Region 5	27.35	24.10 - 30.86	24.30	21.49 - 27.36	0.143
Nebraska	25.02 ^b	22.93 - 27.25	22.66	20.63 - 24.82	0.087
Regions 1 and 2	24.16	20.44 - 28.32	24.22	20.76 - 28.05	0.981
Region 1	--	-- --	24.52	20.25 - 29.35	--
Region 2	--	-- --	23.95	19.72 - 28.77	--
Region 3	26.26	22.62 - 30.25	22.80	19.39 - 26.62	0.136
Region 4	24.37	20.78 - 28.35	24.72	20.87 - 29.02	0.888
Region 5	25.65 ^b	22.50 - 29.07	22.16	19.16 - 25.48	0.098
Region 6	24.67	21.83 - 27.75	21.96	19.38 - 24.78	0.142
Nevada¹	29.25 ^a	26.61 - 32.03	23.86	21.58 - 26.30	0.001
Clark – Region 1	29.85 ^a	26.76 - 33.13	23.47	20.85 - 26.32	0.002
Region 3	29.18	24.97 - 33.78	26.26	22.58 - 30.31	0.265
Capital District	--	-- --	24.68	20.36 - 29.58	--
Rural/Frontier	--	-- --	27.69	23.06 - 32.86	--
Washoe – Region 2	26.73	23.10 - 30.70	23.72	20.24 - 27.58	0.206
New Hampshire	25.50 ^a	23.37 - 27.76	21.56	19.53 - 23.74	0.006
Central	27.30 ^a	24.36 - 30.44	22.79	19.92 - 25.94	0.022
Central 1	28.35 ^a	24.64 - 32.37	23.25	19.63 - 27.30	0.041
Central 2	26.28	22.53 - 30.40	22.36	18.81 - 26.35	0.106
Northern	25.72	22.15 - 29.63	23.29	19.60 - 27.45	0.342
Southern	24.60 ^a	22.15 - 27.22	20.57	18.35 - 22.98	0.012
Southern 1 (Rockingham)	24.42 ^a	21.02 - 28.17	19.00	16.23 - 22.12	0.009
Southern 2	24.71	21.87 - 27.78	21.55	18.79 - 24.58	0.103
New Jersey	22.97	20.80 - 25.30	20.64	18.57 - 22.89	0.129
Central	24.05	20.64 - 27.83	21.42	18.22 - 25.01	0.264
Metropolitan	21.64	18.57 - 25.06	19.79	16.86 - 23.10	0.386
Northern	22.48 ^b	19.45 - 25.82	18.52	15.80 - 21.58	0.056
Southern	24.13	20.62 - 28.03	24.01	20.65 - 27.74	0.963

See notes at end of table.

(continued)

Table 14 Cigarette Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
New Mexico	23.62	21.47 - 25.91	21.85	19.69 - 24.17	0.220
Region 1	22.93	19.69 - 26.52	22.13	18.93 - 25.70	0.708
Region 2	21.14	17.84 - 24.85	18.44	15.23 - 22.15	0.216
Region 3 (Bernalillo)	24.07	21.05 - 27.38	22.56	19.54 - 25.90	0.464
Region 4	26.88	23.06 - 31.07	24.76	21.16 - 28.75	0.392
Region 5	23.46	20.28 - 26.96	21.03	17.75 - 24.73	0.271
New York	25.05 ^a	23.74 - 26.41	20.74	19.57 - 21.97	0.000
Region A	24.21 ^a	22.52 - 25.99	19.12	17.56 - 20.79	0.000
Region 1	25.45 ^a	22.17 - 29.03	20.11	17.37 - 23.15	0.011
Region 2	24.94 ^a	22.29 - 27.80	20.00	17.59 - 22.65	0.007
Region 3	26.23 ^a	23.22 - 29.49	17.42	14.76 - 20.46	0.000
Region 4	21.14	18.61 - 23.91	18.65	16.15 - 21.43	0.166
Region B	--	-- --	18.48	16.89 - 20.19	--
Region 5	22.03 ^a	19.71 - 24.53	18.37	16.30 - 20.63	0.014
Region 6	21.70 ^a	18.98 - 24.69	15.90	13.44 - 18.72	0.002
Region 7	24.46	21.23 - 28.00	22.96	19.79 - 26.46	0.497
Region C	--	-- --	23.67	21.97 - 25.47	--
Region 8	28.33 ^a	25.07 - 31.84	22.51	19.65 - 25.65	0.005
Region 9	27.42	24.10 - 31.01	25.14	22.20 - 28.33	0.283
Region 10	29.13 ^a	25.56 - 32.98	24.09	20.69 - 27.85	0.030
Region 11	27.32 ^a	24.12 - 30.77	22.32	19.46 - 25.46	0.016
Region 12	27.75	24.69 - 31.02	24.57	21.52 - 27.90	0.138
Region D	29.72	27.18 - 32.39	27.77	25.32 - 30.37	0.253
Region 13	28.65	25.05 - 32.54	27.13	23.36 - 31.26	0.545
Region 14	30.62	26.85 - 34.67	29.53	25.59 - 33.81	0.670
Region 15	29.80	26.14 - 33.74	26.60	23.09 - 30.43	0.193
North Carolina	28.54 ^a	26.20 - 31.00	24.04	21.84 - 26.39	0.004
Alliance	--	-- --	18.87	16.00 - 22.11	--
Cardinal Innovations	--	-- --	23.91	20.27 - 27.97	--
CenterPoint/Guilford	--	-- --	23.97	20.51 - 27.81	--
CenterPoint	--	-- --	24.89	20.45 - 29.94	--
Guilford	--	-- --	22.97	19.04 - 27.45	--
CoastalCare	--	-- --	24.73	20.52 - 29.49	--
Eastpointe	--	-- --	28.77	24.36 - 33.62	--
ECBH	--	-- --	25.62	21.47 - 30.25	--
MeckLINK	--	-- --	22.11	18.27 - 26.50	--
Partners	--	-- --	27.50	23.47 - 31.93	--
Sandhills	--	-- --	26.44	21.96 - 31.46	--
Smoky Mountain	--	-- --	26.05	21.65 - 31.00	--
Western Highlands	--	-- --	23.67	19.69 - 28.18	--

See notes at end of table.

(continued)

Table 14 Cigarette Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
North Dakota	27.66 ^a	25.51 - 29.91	23.74	21.67 - 25.94	0.006
Badlands and West Central Lake Region and South Central	25.89	22.71 - 29.35	24.82	21.60 - 28.35	0.634
North Central and Northwest	27.21	23.56 - 31.20	24.17	20.53 - 28.23	0.214
Northeast	27.96	24.48 - 31.73	26.59	22.90 - 30.64	0.564
Southeast	29.46 ^a	25.86 - 33.34	23.76	20.44 - 27.43	0.010
	28.52 ^a	25.38 - 31.87	20.54	17.79 - 23.60	0.000
Ohio	29.70 ^a	28.45 - 30.99	26.55	25.34 - 27.80	0.000
Boards 2, 46, 55, and 68	32.43 ^a	28.87 - 36.20	27.73	24.44 - 31.28	0.043
Boards 3, 52, and 85	28.77 ^a	25.34 - 32.47	22.91	19.68 - 26.50	0.010
Boards 4 and 78	31.01	27.28 - 35.01	29.84	25.69 - 34.35	0.656
Boards 5 and 60	33.76	29.99 - 37.75	31.39	27.52 - 35.55	0.341
Boards 7, 15, 41, 79, and 84	33.18 ^a	29.35 - 37.25	26.24	22.90 - 29.88	0.005
Boards 8, 13, and 83	29.88 ^a	26.46 - 33.54	23.41	20.51 - 26.58	0.002
Board 9 (Butler)	30.43 ^b	26.90 - 34.20	26.59	23.24 - 30.22	0.090
Board 12	28.75	25.21 - 32.57	27.26	23.76 - 31.06	0.524
Boards 18 and 47	27.87	25.28 - 30.61	27.61	24.92 - 30.48	0.892
Boards 20, 32, 54, and 69	28.50	24.91 - 32.38	24.85	21.27 - 28.80	0.131
Boards 21, 39, 51, 70, and 80	29.75 ^b	26.25 - 33.51	25.72	22.59 - 29.12	0.076
Boards 22, 74, and 87	29.01	25.53 - 32.75	26.00	22.66 - 29.64	0.194
Boards 23 and 45	28.78	25.35 - 32.47	26.72	23.36 - 30.37	0.358
Board 25 (Franklin)	30.05 ^b	27.26 - 32.99	26.27	23.44 - 29.32	0.056
Boards 27, 71, and 73	33.73	29.89 - 37.80	31.85	28.13 - 35.82	0.450
Boards 28, 43, and 67	26.69	23.75 - 29.85	24.07	21.11 - 27.30	0.180
Board 31 (Hamilton)	28.23	25.10 - 31.58	25.13	22.23 - 28.27	0.134
Board 48 (Lucas)	28.78	25.36 - 32.47	26.47	22.99 - 30.27	0.315
Boards 50 and 76	29.69	26.44 - 33.15	26.15	23.06 - 29.49	0.106
Board 57 (Montgomery)	30.52 ^a	27.01 - 34.27	25.33	22.07 - 28.90	0.022
Board 77 (Summit)	29.37	26.00 - 32.97	26.66	23.58 - 29.99	0.225
Oklahoma	30.26	27.88 - 32.75	29.33	27.01 - 31.76	0.560
Central	28.03	24.21 - 32.20	27.70	23.70 - 32.08	0.894
East Central	31.30	27.03 - 35.91	29.32	24.93 - 34.13	0.489
Northeast	29.67	25.73 - 33.93	28.68	24.98 - 32.70	0.702
Northwest and Southwest	29.67	25.65 - 34.04	31.63	27.34 - 36.25	0.487
Oklahoma County	30.83	27.06 - 34.87	29.26	25.57 - 33.25	0.524
Southeast	32.64	28.43 - 37.15	33.58	29.28 - 38.17	0.747
Tulsa County	29.28	25.72 - 33.10	25.45	21.77 - 29.53	0.112
Oregon	25.08 ^a	22.95 - 27.33	21.43	19.49 - 23.51	0.008
Region 1 (Multnomah)	26.70	23.34 - 30.35	23.77	20.54 - 27.33	0.197
Region 2	22.59 ^b	19.63 - 25.85	18.83	15.88 - 22.17	0.066
Region 3	24.99 ^a	21.87 - 28.38	21.04	18.38 - 23.97	0.048
Region 4	26.99 ^b	23.19 - 31.16	22.54	18.98 - 26.54	0.072
Region 5 (Central)	--	-- --	21.41	17.84 - 25.48	--
Region 6 (Eastern)	--	-- --	23.39	19.14 - 28.26	--

See notes at end of table.

(continued)

Table 14 Cigarette Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Pennsylvania¹	27.53 ^a	26.31 - 28.80	24.72	23.52 - 25.96	0.001
Region 1 (Allegheny)	27.74	24.91 - 30.75	27.13	24.21 - 30.26	0.753
Regions 3, 8, 9, and 51	--	-- --	26.63	23.36 - 30.18	--
Regions 4, 11, 37, and 49	28.76	25.64 - 32.10	26.24	23.09 - 29.66	0.233
Regions 5, 18, 23, 24, and 46	27.26	24.25 - 30.50	27.03	23.81 - 30.51	0.912
Regions 6, 12, 16, 31, 35, 45, and 47	--	-- --	24.75	21.74 - 28.02	--
Regions 7, 13, 20, and 33	23.95 ^a	21.75 - 26.31	19.48	17.45 - 21.69	0.003
Regions 10, 15, 27, 32, 43, and 44	--	-- --	31.02	27.47 - 34.81	--
Regions 17 and 21	29.20	25.53 - 33.16	28.05	24.36 - 32.06	0.646
Regions 19, 26, 28, and 42	26.00 ^a	23.42 - 28.76	22.02	19.56 - 24.69	0.021
Regions 22, 38, 40, 41, and 48	29.01	25.85 - 32.38	27.24	24.03 - 30.71	0.427
Regions 29 and 34	26.04	22.92 - 29.42	24.31	21.18 - 27.74	0.413
Regions 30 and 50	--	-- --	25.16	22.00 - 28.61	--
Region 36 (Philadelphia)	29.98 ^b	26.93 - 33.22	26.52	23.72 - 29.52	0.090
Rhode Island	26.33 ^a	23.99 - 28.81	22.82	20.68 - 25.12	0.022
Bristol and Newport	25.25 ^a	21.67 - 29.20	19.72	16.56 - 23.31	0.011
Kent	28.19 ^b	24.33 - 32.40	23.37	19.95 - 27.17	0.051
Providence	26.32	23.41 - 29.45	23.91	21.19 - 26.86	0.222
Washington	25.12 ^a	21.60 - 28.99	20.10	16.93 - 23.68	0.022
South Carolina	27.03	24.82 - 29.35	27.40	25.16 - 29.77	0.803
Region 1	28.07	24.66 - 31.74	27.09	23.66 - 30.82	0.685
Region 2	26.36	23.49 - 29.45	27.14	23.97 - 30.55	0.704
Region 3	27.78	23.92 - 32.00	30.04	25.95 - 34.47	0.403
Region 4	26.21	22.77 - 29.98	26.28	23.01 - 29.83	0.977
South Dakota	29.66 ^a	27.46 - 31.96	25.01	22.95 - 27.19	0.002
Region 1	--	-- --	27.40	23.88 - 31.24	--
Region 2	--	-- --	27.89	23.50 - 32.74	--
Region 3	--	-- --	22.90	19.84 - 26.28	--
Region 4	--	-- --	24.99	21.34 - 29.02	--
Region 5	--	-- --	23.76	20.79 - 27.02	--
Tennessee	28.21	26.03 - 30.50	26.53	24.35 - 28.83	0.262
Region 1	31.88	27.47 - 36.65	27.89	23.64 - 32.57	0.159
Region 2	32.62 ^b	28.47 - 37.08	27.40	23.74 - 31.39	0.052
Region 3	--	-- --	27.56	23.82 - 31.64	--
Region 4 (Davidson)	26.86	23.23 - 30.83	27.86	23.94 - 32.16	0.695
Region 5	--	-- --	26.20	22.83 - 29.88	--
Region 6	30.90	26.58 - 35.59	28.11	24.09 - 32.51	0.320
Region 7 (Shelby)	22.95	19.64 - 26.63	22.10	18.68 - 25.94	0.703

See notes at end of table.

(continued)

Table 14 Cigarette Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Texas	25.59 ^a	24.40 - 26.82	20.83	19.70 - 22.02	0.000
Region 1	26.48	23.23 - 30.01	25.66	22.27 - 29.38	0.717
Region 2	27.38	23.67 - 31.42	24.65	21.10 - 28.58	0.244
Region 3	25.45 ^a	23.70 - 27.27	19.71	18.07 - 21.45	0.000
Region 3a	25.52 ^a	23.37 - 27.79	18.43	16.48 - 20.55	0.000
Region 3bc	25.32 ^b	22.63 - 28.22	21.93	19.48 - 24.60	0.059
Region 4	29.96	26.50 - 33.67	26.91	23.41 - 30.72	0.208
Region 5	30.58 ^b	26.72 - 34.73	25.80	22.33 - 29.61	0.057
Region 6	24.68 ^a	22.75 - 26.73	19.90	18.12 - 21.81	0.000
Region 6a	24.26 ^a	22.19 - 26.45	19.60	17.70 - 21.65	0.001
Region 6bc	28.15 ^a	24.62 - 31.96	22.45	19.19 - 26.08	0.012
Region 7	26.56 ^a	24.37 - 28.87	21.69	19.68 - 23.84	0.001
Region 7a	24.71 ^a	21.99 - 27.65	21.06	18.52 - 23.83	0.037
Region 7bcd	29.32 ^a	26.14 - 32.70	22.75	19.99 - 25.76	0.001
Region 8	24.37 ^a	21.81 - 27.14	18.48	16.16 - 21.06	0.001
Region 9	27.22	23.47 - 31.32	26.59	22.74 - 30.82	0.805
Region 10	23.34 ^b	20.26 - 26.74	19.71	16.88 - 22.87	0.072
Region 11	23.49 ^a	21.13 - 26.02	19.62	17.40 - 22.04	0.013
Region 11abd	23.68	20.72 - 26.92	20.58	17.71 - 23.78	0.119
Region 11c (Hidalgo)	23.10 ^a	20.06 - 26.45	17.92	15.09 - 21.14	0.008
Utah	17.34 ^b	15.39 - 19.49	14.96	13.32 - 16.77	0.063
Bear River, Northeastern, Summit, Tooele, and Wasatch	18.69 ^a	15.71 - 22.10	13.91	11.39 - 16.89	0.012
Central, Four Corners, San Juan, and Southwest	16.70	13.71 - 20.18	16.34	13.36 - 19.82	0.854
Davis County	16.01	13.19 - 19.30	14.40	11.74 - 17.54	0.371
Salt Lake County	18.74 ^b	16.18 - 21.62	15.85	13.60 - 18.40	0.096
Utah County	13.84	11.47 - 16.62	12.39	10.22 - 14.94	0.350
Weber, Morgan	18.13	15.03 - 21.71	16.58	13.49 - 20.21	0.467
Vermont	25.13 ^a	23.03 - 27.35	21.89	19.91 - 24.01	0.023
Champlain Valley	23.96	21.33 - 26.80	21.84	19.24 - 24.68	0.243
Rural Northeast	26.58 ^b	23.30 - 30.13	22.48	19.37 - 25.93	0.065
Rural Southeast	23.83	20.64 - 27.34	22.23	19.03 - 25.79	0.467
Rural Southwest	27.46 ^a	23.63 - 31.66	20.69	17.55 - 24.23	0.004
Virginia	25.09 ^a	22.95 - 27.36	20.59	18.71 - 22.60	0.001
Region 1	--	-- --	20.81	17.89 - 24.07	--
Region 2	19.89 ^a	17.10 - 23.01	14.97	12.59 - 17.70	0.005
Region 3	28.22	24.57 - 32.18	26.35	22.70 - 30.35	0.451
Region 4	--	-- --	21.19	17.87 - 24.93	--
Region 5	26.77 ^a	23.44 - 30.38	22.46	19.36 - 25.90	0.042

See notes at end of table.

(continued)

Table 14 Cigarette Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Washington¹	23.37	21.30 - 25.58	21.50	19.58 - 23.55	0.165
Region 1	--	-- --	23.08	20.28 - 26.14	--
East 1 (previously Region 1)	24.88	21.31 - 28.82	23.45	19.96 - 27.34	0.548
East 2 (previously Region 2)	23.60	20.05 - 27.55	22.57	19.08 - 26.49	0.649
Region 2	--	-- --	19.61	17.40 - 22.03	--
North 1 (previously Region 3)	22.89	19.79 - 26.32	20.51	17.56 - 23.82	0.240
North 2 (previously Region 4)	20.77	17.91 - 23.96	19.09	16.46 - 22.03	0.376
Region 3	--	-- --	23.11	20.45 - 25.99	--
West 1 (previously Region 5)	25.68	22.20 - 29.50	24.02	20.64 - 27.75	0.481
West 2 (previously Region 6)	25.06	21.67 - 28.78	22.26	18.96 - 25.95	0.235
West Virginia¹	30.70	28.29 - 33.23	30.23	27.96 - 32.60	0.765
Region I	30.95	26.54 - 35.74	28.32	23.82 - 33.29	0.366
Region II	--	-- --	29.13	24.95 - 33.70	--
Region III	30.90	26.44 - 35.76	29.56	25.27 - 34.24	0.644
Region IV	--	-- --	30.26	26.76 - 34.00	--
Region V	--	-- --	31.43	28.10 - 34.96	--
Region VI	--	-- --	30.36	26.34 - 34.70	--
Wisconsin	26.42 ^a	24.20 - 28.77	21.66	19.58 - 23.89	0.001
Milwaukee	28.25 ^a	24.52 - 32.31	23.27	19.66 - 27.31	0.038
Northeastern	25.71	22.42 - 29.29	24.04	20.85 - 27.55	0.468
Northern	26.89 ^b	23.11 - 31.05	22.72	18.89 - 27.06	0.092
Southeastern	26.17 ^a	22.71 - 29.95	19.28	16.28 - 22.69	0.002
Southern	--	-- --	20.07	16.89 - 23.66	--
Western	--	-- --	21.08	17.82 - 24.75	--

See notes at end of table.

(continued)

Table 14 Cigarette Use in the Past Month among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Wyoming	26.85	24.66 - 29.15	25.31	23.22 - 27.52	0.290
Judicial District 1 (Laramie)	27.59	24.07 - 31.41	25.40	21.87 - 29.29	0.360
Judicial District 2	27.26 ^a	23.68 - 31.17	22.39	19.00 - 26.20	0.035
Judicial District 3	26.04	22.61 - 29.79	24.42	20.94 - 28.27	0.495
Judicial District 4	25.31	21.36 - 29.72	22.86	19.23 - 26.94	0.335
Judicial District 5	26.33	22.50 - 30.56	22.34	18.68 - 26.48	0.112
Judicial District 6	27.40	23.54 - 31.64	28.11	24.07 - 32.53	0.793
Judicial District 7 (Natrona)	28.02	24.27 - 32.10	29.89	25.94 - 34.16	0.457
Judicial District 8	26.87	22.91 - 31.22	25.59	21.66 - 29.97	0.623
Judicial District 9	26.00	22.14 - 30.28	24.61	20.81 - 28.85	0.589

ECBH = East Carolina Behavioral Health; SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2002-2004 and 2010-2012); hence, the 2002-2004 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2010-2012 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=34>.

NOTE: Substate, State, and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques, with their *p* values being the Bayes posterior probability of no change between the 2002-2004 and 2010-2012 estimates. The "Total U.S." estimates, along with the 95 percent confidence intervals and *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.10 level.

¹ Names of some of the substate regions for this State have changed across the two time periods (2002-2004 vs. 2010-2012). For details, see the methodology write-up for comparing estimates located below the tables.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2004, 2010, 2011, and 2012 (2010 Data - Revised March 2012).

Table 15 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Total United States	72.23 ^a	71.87 - 72.59	71.45	71.07 - 71.83	0.003
Northeast	73.30	72.52 - 74.07	74.12	73.40 - 74.83	0.119
Midwest	70.01 ^a	69.40 - 70.61	67.59	66.97 - 68.21	0.000
South	71.16	70.55 - 71.76	70.85	70.25 - 71.43	0.463
West	75.27 ^a	74.48 - 76.03	73.91	73.15 - 74.66	0.013
Alabama	69.65	67.36 - 71.86	67.48	65.01 - 69.86	0.184
Region 1	67.40	63.71 - 70.88	64.41	60.43 - 68.20	0.242
Region 2	70.68	67.27 - 73.87	68.08	64.48 - 71.48	0.278
Region 3	70.62	66.89 - 74.09	69.86	65.96 - 73.49	0.758
Region 4	70.24	66.86 - 73.41	68.58	64.50 - 72.39	0.500
Alaska	70.31 ^a	67.79 - 72.70	65.54	62.94 - 68.05	0.009
Anchorage	--	-- --	68.49	65.23 - 71.58	--
Northern	--	-- --	59.74	55.32 - 64.00	--
South Central	--	-- --	64.83	60.45 - 68.97	--
Southeast	71.56	67.31 - 75.45	68.05	63.31 - 72.45	0.224
Arizona	74.33 ^b	72.02 - 76.51	71.03	68.40 - 73.53	0.051
Maricopa	75.31 ^b	72.68 - 77.77	71.77	68.64 - 74.70	0.074
Pima	74.60	70.93 - 77.95	70.90	66.57 - 74.89	0.149
Rural North	70.55	66.26 - 74.50	67.33	62.41 - 71.90	0.289
Rural South	72.77	68.65 - 76.54	71.09	66.47 - 75.31	0.539
Arkansas¹	69.75	67.42 - 71.98	68.42	65.95 - 70.78	0.409
Catchment Area 1	--	-- --	71.69	67.75 - 75.32	--
Catchment Area 2	68.08	63.75 - 72.11	66.79	61.98 - 71.28	0.665
Catchment Area 3	68.18	64.30 - 71.82	66.21	61.89 - 70.27	0.454
Catchment Area 4	--	-- --	67.52	62.77 - 71.93	--
Catchment Area 5	--	-- --	67.25	63.00 - 71.24	--
Catchment Area 6	--	-- --	67.07	62.41 - 71.41	--
Catchment Area 7	--	-- --	67.56	62.83 - 71.96	--
Catchment Area 8	71.12	67.62 - 74.38	70.45	66.56 - 74.07	0.784

See notes at end of table.

(continued)

Table 15 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
California	77.19	75.98 - 78.35	76.72	75.52 - 77.88	0.579
Region 1R	--	---	73.07	69.30 - 76.53	--
Region 2R	--	---	75.00	71.36 - 78.33	--
Region 3R (Sacramento)	--	---	74.31	70.87 - 77.47	--
Region 4R	--	---	76.03	72.61 - 79.15	--
Region 5R (San Francisco)	--	---	78.44	74.83 - 81.65	--
Region 6 (Santa Clara)	79.35	76.71 - 81.77	78.63	75.46 - 81.50	0.696
Region 7R (Contra Costa)	--	---	78.77	75.65 - 81.60	--
Region 8R (Alameda)	--	---	79.17	76.04 - 81.99	--
Region 9R (San Mateo)	--	---	79.56	76.10 - 82.64	--
Region 10	78.11	75.19 - 80.78	76.56	73.38 - 79.47	0.421
Region 11 (Los Angeles)	77.72	75.84 - 79.50	77.82	76.24 - 79.32	0.938
LA SPA 1 and 5	--	---	77.73	74.35 - 80.78	--
LA SPA 2	--	---	77.84	74.79 - 80.61	--
LA SPA 3	--	---	79.11	76.28 - 81.69	--
LA SPA 4	--	---	77.28	73.87 - 80.36	--
LA SPA 6	--	---	77.41	74.25 - 80.28	--
LA SPA 7	--	---	79.09	76.05 - 81.83	--
LA SPA 8	--	---	75.96	72.50 - 79.10	--
Region 12R	--	---	74.77	71.05 - 78.16	--
Regions 13 and 19R	--	---	75.51	72.62 - 78.19	--
Region 13 (Riverside)	76.09	73.00 - 78.92	75.66	72.57 - 78.51	0.833
Region 19R (Imperial)	--	---	73.65	70.03 - 76.98	--
Region 14 (Orange)	76.82	74.05 - 79.38	77.75	75.03 - 80.26	0.616
Region 15R (Fresno)	--	---	75.29	71.81 - 78.47	--
Region 16R (San Diego)	--	---	76.89	74.21 - 79.36	--
Region 17R	--	---	72.31	68.79 - 75.57	--
Region 18R (San Bernardino)	--	---	74.81	71.78 - 77.61	--
Region 20R	--	---	73.72	70.10 - 77.04	--
Region 21R	--	---	77.47	74.10 - 80.51	--
Colorado	71.97	69.63 - 74.19	71.85	69.40 - 74.17	0.940
Region 1	70.18	66.42 - 73.68	71.19	67.09 - 74.97	0.692
Regions 2 and 7	73.34	70.60 - 75.91	72.44	69.41 - 75.27	0.640
Region 3	69.75	65.70 - 73.52	70.62	66.68 - 74.27	0.734
Region 4	70.93	66.62 - 74.90	69.15	64.30 - 73.60	0.545
Regions 5 and 6	70.42	66.21 - 74.32	72.62	67.96 - 76.83	0.441
Connecticut	72.66	70.26 - 74.92	74.90	72.55 - 77.11	0.146
Eastern	71.06	67.16 - 74.68	71.64	67.38 - 75.54	0.824
North Central	72.66	69.29 - 75.79	73.11	69.43 - 76.51	0.844
Northwestern	73.22	69.47 - 76.66	75.64	71.68 - 79.20	0.320
South Central	72.68	69.02 - 76.06	75.93	72.36 - 79.17	0.153
Southwest	73.10 ^b	69.14 - 76.72	77.73	74.21 - 80.90	0.055

See notes at end of table.

(continued)

Table 15 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012 (Estimate)	2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)		(95% Confidence Interval)		
Delaware	73.63	71.48 - 75.68	74.57	72.24 - 76.76	0.536	
Kent	71.73	68.10 - 75.10	73.09	69.15 - 76.69	0.584	
New Castle (excluding Wilmington City)	74.37	71.78 - 76.81	75.42	72.57 - 78.06	0.564	
Sussex	72.48	68.81 - 75.88	74.01	70.11 - 77.55	0.541	
Wilmington City	75.18	71.50 - 78.53	73.98	69.92 - 77.67	0.620	
District of Columbia	75.84	73.49 - 78.04	76.10	73.97 - 78.11	0.862	
Ward 1	76.38	72.94 - 79.50	76.47	72.73 - 79.84	0.967	
Ward 2	76.43	73.08 - 79.48	76.51	72.91 - 79.75	0.973	
Ward 3	78.42	74.84 - 81.62	77.26	73.72 - 80.44	0.611	
Ward 4	77.82	73.99 - 81.23	78.28	74.58 - 81.58	0.852	
Ward 5	73.56	69.45 - 77.30	75.88	72.15 - 79.25	0.370	
Ward 6	76.96	73.19 - 80.34	77.15	73.20 - 80.68	0.937	
Ward 7	74.00	69.97 - 77.67	73.45	69.45 - 77.09	0.831	
Ward 8	71.55	67.84 - 75.00	73.12	69.31 - 76.61	0.529	
Florida¹	74.07 ^a	72.82 - 75.28	75.94	74.69 - 77.15	0.032	
Region A - Northwest	--	---	71.21	68.72 - 73.58	--	
Circuit 1	71.87	68.50 - 75.00	70.22	66.56 - 73.65	0.469	
Circuit 2	--	---	74.00	70.60 - 77.13	--	
Circuit 14	--	---	69.82	65.51 - 73.80	--	
Region B - Northeast	--	---	74.06	71.91 - 76.09	--	
Circuits 3 and 8	--	---	72.09	68.52 - 75.39	--	
Circuit 4	--	---	74.42	71.24 - 77.35	--	
Circuit 7	--	---	74.88	71.39 - 78.08	--	
Region C - Central	--	---	74.41	72.56 - 76.17	--	
Circuit 5	71.16	67.30 - 74.74	72.67	68.77 - 76.25	0.556	
Circuit 9	--	---	75.69	72.80 - 78.36	--	
Circuit 10	69.90 ^b	66.07 - 73.47	73.87	70.41 - 77.05	0.093	
Circuit 18	--	---	74.68	71.21 - 77.86	--	
Circuit 19	72.79	69.05 - 76.23	74.71	70.87 - 78.21	0.436	
Region D - Southeast	--	---	78.67	76.53 - 80.68	--	
Circuit 15 (Palm Beach)	73.68 ^a	70.29 - 76.82	78.60	75.46 - 81.43	0.021	
Circuit 17 (Broward)	74.08 ^a	71.23 - 76.73	78.73	76.04 - 81.20	0.011	
Region E - Sun Coast	--	---	75.64	73.67 - 77.51	--	
Circuit 6	--	---	73.26	69.58 - 76.64	--	
Circuit 12	--	---	75.94	72.21 - 79.32	--	
Circuit 13 (Hillsborough)	--	---	76.97	73.93 - 79.76	--	
Circuit 20	74.19	70.79 - 77.32	76.92	73.66 - 79.88	0.213	
Region F - Southern (Circuits 11 and 16)	78.50	76.25 - 80.59	80.40	78.10 - 82.52	0.214	
Georgia	73.18 ^b	71.02 - 75.24	70.37	67.96 - 72.68	0.072	
Region 1	--	---	69.09	65.18 - 72.75	--	
Region 2	--	---	67.78	63.72 - 71.60	--	
Region 3	--	---	75.20	71.92 - 78.21	--	
Region 4	--	---	67.61	63.07 - 71.84	--	
Region 5	--	---	67.25	62.59 - 71.60	--	
Region 6	--	---	68.74	64.48 - 72.70	--	

See notes at end of table.

(continued)

Table 15 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Hawaii	71.78	69.24 - 74.18	71.36	68.82 - 73.77	0.806
Hawaii Island	71.11	66.87 - 75.00	73.17	68.82 - 77.12	0.464
Honolulu	71.96	69.06 - 74.68	70.89	68.05 - 73.57	0.581
Kauai and Maui	71.47	67.37 - 75.25	71.86	67.90 - 75.51	0.883
Kauai	--	-- --	73.15	68.26 - 77.53	--
Maui	--	-- --	71.30	66.62 - 75.57	--
Idaho	73.44 ^a	71.26 - 75.52	67.73	65.24 - 70.11	0.000
Region 1	71.54	67.62 - 75.17	69.35	64.73 - 73.61	0.420
Region 2	74.05 ^a	70.22 - 77.54	65.94	61.28 - 70.31	0.003
Region 3	72.74 ^a	69.27 - 75.95	66.88	62.78 - 70.75	0.017
Region 4	75.15 ^a	72.07 - 77.99	68.66	64.89 - 72.21	0.004
Region 5	73.18 ^a	69.62 - 76.47	67.28	62.87 - 71.39	0.022
Region 6	72.52 ^a	68.83 - 75.93	66.18	61.70 - 70.38	0.016
Region 7	73.44 ^a	69.91 - 76.69	67.55	63.48 - 71.37	0.016
Illinois	70.97	69.67 - 72.22	70.60	69.26 - 71.90	0.684
Region I (Cook)	73.17	71.32 - 74.94	74.33	72.36 - 76.20	0.358
Region II	71.46	69.38 - 73.45	71.02	68.99 - 72.98	0.760
Region III	68.15 ^a	65.49 - 70.70	63.73	60.68 - 66.67	0.020
Region IV	66.99	63.63 - 70.18	65.43	61.71 - 68.97	0.515
Region V	65.98	62.75 - 69.06	65.38	62.06 - 68.55	0.783
Indiana	69.77 ^b	67.52 - 71.92	66.67	64.15 - 69.09	0.059
Central	71.68	68.42 - 74.73	68.96	64.94 - 72.70	0.257
East	68.86	64.77 - 72.68	64.44	59.63 - 68.97	0.123
North Central	68.86	65.12 - 72.36	66.31	61.87 - 70.49	0.343
Northeast	69.93	66.00 - 73.58	66.59	62.09 - 70.82	0.225
Northwest	70.79	66.95 - 74.36	66.68	62.06 - 70.99	0.141
Southeast	69.54 ^a	65.56 - 73.25	63.69	58.89 - 68.24	0.045
Southwest	66.93	62.63 - 70.96	66.74	61.91 - 71.24	0.950
West	68.61	64.99 - 72.02	66.38	61.93 - 70.56	0.402
Iowa	66.68	64.28 - 69.01	67.10	64.67 - 69.45	0.802
Central	67.61	63.41 - 71.55	69.38	65.39 - 73.10	0.512
North Central	66.57	62.61 - 70.30	65.05	60.33 - 69.50	0.599
Northeast	65.58	62.02 - 68.97	68.23	64.32 - 71.91	0.301
Northwest	67.77	63.93 - 71.40	65.26	60.82 - 69.46	0.360
Southeast	66.45	62.85 - 69.86	67.34	63.50 - 70.95	0.723
Southwest	66.65	62.29 - 70.74	64.93	60.05 - 69.52	0.572
Kansas	71.29 ^a	69.03 - 73.46	65.53	62.89 - 68.07	0.001
Kansas City Metro	72.24	69.14 - 75.14	68.94	65.39 - 72.27	0.142
Northeast	70.68 ^a	67.00 - 74.11	63.96	59.61 - 68.09	0.011
South Central	70.86 ^a	66.99 - 74.44	64.74	59.88 - 69.31	0.031
Southeast	68.67 ^a	64.42 - 72.63	61.30	56.02 - 66.33	0.017
West	71.20 ^a	67.36 - 74.75	60.18	55.16 - 65.01	0.000
Wichita (Sedgwick)	71.83 ^a	68.37 - 75.05	66.29	62.09 - 70.24	0.026

See notes at end of table.

(continued)

Table 15 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Kentucky	62.86	60.30 - 65.35	62.37	59.72 - 64.96	0.787
Adanta, Cumberland River, and Lifeskills	60.74	56.63 - 64.71	60.49	55.99 - 64.83	0.933
Bluegrass, Comprehend, and North Key	64.03	60.42 - 67.48	62.27	58.34 - 66.06	0.492
Communicare and River Valley	59.82	55.18 - 64.30	60.25	55.45 - 64.86	0.894
Four Rivers and Pennyroyal	63.06	58.63 - 67.29	62.06	57.33 - 66.58	0.736
Kentucky River, Mountain, and Pathways	61.67	57.11 - 66.04	59.04	54.03 - 63.87	0.416
Seven Counties	65.15	61.34 - 68.78	66.84	62.80 - 70.66	0.517
Louisiana	69.08 ^b	66.84 - 71.22	71.55	69.34 - 73.66	0.095
Regions 1 and 10	--	-- --	74.59	71.48 - 77.46	--
Region 1	71.58	67.71 - 75.16	74.86	71.05 - 78.32	0.185
Region 10 (Jefferson)	71.75	67.94 - 75.27	74.32	70.12 - 78.11	0.321
Regions 2 and 9	69.01 ^a	65.71 - 72.12	73.59	70.24 - 76.68	0.036
Region 3	66.87	62.75 - 70.74	69.54	65.18 - 73.57	0.306
Regions 4, 5, and 6	--	-- --	67.70	64.01 - 71.17	--
Regions 7 and 8	70.37	67.02 - 73.52	71.83	68.34 - 75.08	0.513
Maine¹	69.81	67.47 - 72.06	69.08	66.73 - 71.34	0.654
Aroostook/Downeast	--	-- --	66.80	62.88 - 70.50	--
Aroostook	--	-- --	63.79	58.24 - 68.99	--
Downeast	--	-- --	69.26	64.49 - 73.65	--
Central	--	-- --	66.85	62.57 - 70.87	--
Cumberland	72.52	69.14 - 75.66	73.38	69.66 - 76.79	0.715
Midcoast	70.28	66.12 - 74.14	69.99	65.05 - 74.50	0.921
Penquis	--	-- --	65.22	61.03 - 69.18	--
Western	--	-- --	66.73	62.51 - 70.70	--
York	69.85	65.88 - 73.54	71.73	67.44 - 75.65	0.477
Maryland	73.28	70.87 - 75.57	74.64	72.45 - 76.71	0.384
Anne Arundel	72.24	68.01 - 76.11	76.02	71.93 - 79.68	0.152
Baltimore City	72.61	68.79 - 76.12	71.83	67.86 - 75.49	0.769
Baltimore County	--	-- --	75.62	72.02 - 78.89	--
Montgomery	76.79	73.23 - 80.00	76.84	73.26 - 80.07	0.981
North Central	--	-- --	76.18	72.30 - 79.66	--
Northeast	--	-- --	71.29	66.78 - 75.42	--
Prince George's	73.87	70.23 - 77.21	76.50	72.86 - 79.78	0.256
South	--	-- --	73.16	68.91 - 77.02	--
West	--	-- --	71.03	66.70 - 75.02	--

See notes at end of table.

(continued)

Table 15 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Massachusetts	76.26	74.00 - 78.39	75.43	73.28 - 77.46	0.564
Boston	77.68	74.51 - 80.55	76.34	72.77 - 79.57	0.519
Central	73.95	70.02 - 77.54	74.75	70.74 - 78.37	0.755
Metrowest	78.10	74.92 - 80.97	77.21	73.73 - 80.35	0.676
Northeast	76.14	72.69 - 79.28	76.00	72.53 - 79.15	0.948
Southeast	75.51	71.93 - 78.78	74.94	71.27 - 78.28	0.807
Western	75.18	71.39 - 78.62	71.89	68.06 - 75.43	0.195
Michigan¹	71.13 ^a	69.88 - 72.34	67.93	66.67 - 69.17	0.000
Detroit City	72.91 ^b	70.04 - 75.61	69.07	65.67 - 72.27	0.065
Genesee	70.25 ^a	66.81 - 73.48	64.86	60.94 - 68.59	0.026
Kalamazoo	--	-- --	65.79	62.28 - 69.13	--
Kent	72.62	69.52 - 75.52	70.39	67.14 - 73.45	0.285
Lakeshore	--	-- --	66.85	63.65 - 69.90	--
Macomb	71.25	68.21 - 74.11	69.21	65.95 - 72.28	0.351
Mid South	--	-- --	66.29	63.08 - 69.36	--
Northern	68.89	65.75 - 71.86	65.72	62.25 - 69.04	0.147
Oakland	73.85	71.13 - 76.40	72.54	69.70 - 75.20	0.486
Pathways and Western	--	-- --	64.70	60.50 - 68.69	--
Riverhaven	68.15 ^a	64.43 - 71.66	61.71	57.48 - 65.77	0.016
Saginaw	70.32 ^b	66.66 - 73.72	65.54	61.06 - 69.75	0.070
Southeast	71.66	68.94 - 74.24	69.39	66.44 - 72.19	0.240
St. Clair	68.32	64.71 - 71.71	65.02	60.75 - 69.06	0.204
Washtenaw	74.59 ^a	71.68 - 77.28	69.38	65.81 - 72.73	0.014
Minnesota	70.43	68.15 - 72.62	68.89	66.58 - 71.10	0.333
Regions 1 and 2	70.43 ^b	66.33 - 74.22	65.46	60.54 - 70.06	0.086
Regions 3 and 4	67.62	63.92 - 71.11	67.54	63.36 - 71.46	0.975
Regions 5 and 6	68.34	64.51 - 71.95	66.25	62.19 - 70.08	0.426
Region 7A (Hennepin)	72.98	69.70 - 76.03	71.96	68.28 - 75.37	0.662
Region 7B (Ramsey)	71.41	67.45 - 75.06	70.10	65.87 - 74.01	0.622
Region 7C	71.32	67.88 - 74.53	70.15	66.55 - 73.51	0.620
Mississippi	69.40	67.00 - 71.69	67.52	65.20 - 69.77	0.247
Region 1	67.52	63.81 - 71.02	65.61	61.79 - 69.23	0.440
Region 2	70.74	67.10 - 74.13	68.60	64.47 - 72.46	0.400
Region 3	69.58	65.84 - 73.08	66.72	62.48 - 70.71	0.276
Region 4	71.59	68.06 - 74.88	69.77	65.93 - 73.34	0.450
Region 5	70.09	65.70 - 74.15	67.13	62.21 - 71.70	0.312
Region 6	68.77	64.90 - 72.39	66.46	62.08 - 70.57	0.398
Region 7	68.19	64.00 - 72.10	68.39	64.15 - 72.34	0.942

See notes at end of table.

(continued)

Table 15 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Missouri	68.63 ^a	66.28 - 70.88	65.27	62.92 - 67.56	0.034
Central	67.23 ^b	63.49 - 70.76	62.26	57.99 - 66.35	0.059
Eastern	70.18	67.24 - 72.96	69.57	66.55 - 72.43	0.763
Eastern (St. Louis City and County)	71.48	68.01 - 74.71	69.66	66.02 - 73.06	0.452
Eastern (excluding St. Louis)	67.51	63.40 - 71.37	69.43	65.12 - 73.42	0.471
Northwest	69.35 ^a	66.22 - 72.30	64.27	60.69 - 67.70	0.017
Northwest (Jackson)	70.25	66.38 - 73.84	66.95	62.58 - 71.04	0.206
Northwest (excluding Jackson)	68.53 ^a	64.50 - 72.30	62.00	57.14 - 66.64	0.023
Southeast	64.64	60.29 - 68.77	61.89	57.12 - 66.44	0.361
Southwest	68.31 ^a	64.33 - 72.05	62.44	58.05 - 66.63	0.036
Montana	72.40 ^a	70.06 - 74.63	66.65	64.35 - 68.89	0.000
Region 1	69.71 ^a	65.37 - 73.73	61.49	56.50 - 66.24	0.007
Region 2	71.10 ^a	67.31 - 74.61	65.02	60.64 - 69.17	0.022
Region 3	73.06 ^a	69.51 - 76.33	66.85	62.88 - 70.59	0.011
Region 4	73.27 ^a	70.15 - 76.19	67.13	63.32 - 70.72	0.009
Region 5	72.66 ^b	69.16 - 75.89	68.19	64.75 - 71.44	0.055
Nebraska	70.13	67.75 - 72.40	67.85	65.40 - 70.21	0.168
Regions 1 and 2	70.30	66.12 - 74.16	66.00	61.81 - 69.96	0.117
Region 1	--	-- --	66.63	61.29 - 71.58	--
Region 2	--	-- --	65.45	60.26 - 70.31	--
Region 3	68.88	64.80 - 72.68	66.67	62.24 - 70.81	0.435
Region 4	69.17	65.15 - 72.92	65.76	60.95 - 70.27	0.229
Region 5	70.24	66.81 - 73.46	68.52	64.75 - 72.05	0.466
Region 6	70.74	67.56 - 73.73	68.83	65.42 - 72.05	0.394
Nevada¹	71.99	69.43 - 74.42	69.95	67.21 - 72.56	0.252
Clark – Region 1	72.01	69.03 - 74.81	70.28	67.23 - 73.17	0.390
Region 3	70.21	66.03 - 74.08	66.96	62.59 - 71.06	0.246
Capital District	--	-- --	70.82	65.57 - 75.57	--
Rural/Frontier	--	-- --	63.48	57.97 - 68.65	--
Washoe – Region 2	73.43	69.72 - 76.84	70.77	66.54 - 74.67	0.296
New Hampshire	69.46	67.03 - 71.79	71.09	68.76 - 73.32	0.303
Central	68.10	64.81 - 71.21	71.10	67.91 - 74.09	0.162
Central 1	66.72 ^b	62.61 - 70.59	71.27	67.29 - 74.95	0.088
Central 2	69.43	65.32 - 73.25	70.93	66.76 - 74.77	0.575
Northern	68.52	64.41 - 72.36	69.18	64.75 - 73.28	0.811
Southern	70.33	67.53 - 72.98	71.52	68.83 - 74.07	0.512
Southern 1 (Rockingham)	69.16	65.19 - 72.87	72.10	68.21 - 75.68	0.252
Southern 2	71.04	67.76 - 74.11	71.16	67.87 - 74.23	0.956
New Jersey	74.48	72.10 - 76.73	76.87	74.71 - 78.90	0.118
Central	73.37	69.78 - 76.67	75.76	72.16 - 79.02	0.315
Metropolitan	75.38	71.99 - 78.49	78.34	75.15 - 81.22	0.173
Northern	75.33	72.10 - 78.30	77.78	74.57 - 80.69	0.254
Southern	73.33	69.59 - 76.75	75.04	71.44 - 78.33	0.478

See notes at end of table.

(continued)

Table 15 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
New Mexico	73.89	71.52 - 76.14	73.20	70.72 - 75.55	0.679
Region 1	71.32	67.73 - 74.65	69.22	65.17 - 73.01	0.407
Region 2	77.50	73.88 - 80.75	77.21	73.21 - 80.78	0.908
Region 3 (Bernalillo)	74.84	71.57 - 77.85	75.18	71.68 - 78.37	0.884
Region 4	71.64	67.85 - 75.15	70.13	65.97 - 73.98	0.556
Region 5	73.62	70.09 - 76.88	73.11	69.37 - 76.54	0.827
New York	74.02 ^a	72.70 - 75.29	76.98	75.73 - 78.18	0.001
Region A	75.87 ^a	74.23 - 77.44	78.60	76.88 - 80.23	0.016
Region 1	75.77	72.83 - 78.49	77.91	75.08 - 80.49	0.247
Region 2	74.79 ^b	72.19 - 77.23	77.87	75.17 - 80.35	0.076
Region 3	77.09	74.22 - 79.72	79.24	76.30 - 81.91	0.256
Region 4	76.42 ^b	73.75 - 78.88	79.51	76.77 - 82.01	0.078
Region B	--	-- --	79.85	78.06 - 81.52	--
Region 5	75.93 ^a	73.27 - 78.41	80.78	78.43 - 82.93	0.004
Region 6	75.66 ^a	72.64 - 78.44	79.96	76.98 - 82.64	0.026
Region 7	72.41 ^b	68.94 - 75.63	76.56	73.17 - 79.64	0.060
Region C	--	-- --	73.74	71.92 - 75.49	--
Region 8	72.07	68.86 - 75.06	74.68	71.51 - 77.62	0.208
Region 9	71.30	68.01 - 74.38	72.16	68.66 - 75.40	0.703
Region 10	71.01	67.42 - 74.36	70.79	66.78 - 74.50	0.927
Region 11	70.04 ^a	66.85 - 73.04	75.15	71.97 - 78.07	0.015
Region 12	71.71	68.59 - 74.64	74.11	70.86 - 77.12	0.248
Region D	68.51	66.11 - 70.81	68.86	66.21 - 71.39	0.840
Region 13	70.04	66.50 - 73.35	70.55	66.62 - 74.20	0.835
Region 14	67.49	63.80 - 70.97	69.62	65.32 - 73.62	0.424
Region 15	68.14	64.53 - 71.55	66.60	62.60 - 70.37	0.549
North Carolina	68.05	65.64 - 70.37	67.85	65.26 - 70.34	0.903
Alliance	--	-- --	71.11	67.52 - 74.45	--
Cardinal Innovations	--	-- --	67.14	62.56 - 71.42	--
CenterPoint/Guilford	--	-- --	67.99	64.12 - 71.63	--
CenterPoint	--	-- --	65.86	60.64 - 70.71	--
Guilford	--	-- --	70.32	65.82 - 74.45	--
CoastalCare	--	-- --	68.62	63.78 - 73.09	--
Eastpointe	--	-- --	65.53	60.63 - 70.12	--
ECBH	--	-- --	67.58	62.30 - 72.44	--
MeckLINK	--	-- --	71.50	67.02 - 75.60	--
Partners	--	-- --	63.82	59.19 - 68.21	--
Sandhills	--	-- --	65.73	60.72 - 70.41	--
Smoky Mountain	--	-- --	64.21	58.51 - 69.52	--
Western Highlands	--	-- --	68.83	63.92 - 73.34	--

See notes at end of table.

(continued)

Table 15 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
North Dakota	68.22	65.85 - 70.50	67.90	65.53 - 70.18	0.843
Badlands and West Central Lake Region and South Central	68.51	64.82 - 71.98	68.81	64.87 - 72.50	0.905
North Central and Northwest	67.99	63.89 - 71.83	65.91	61.45 - 70.10	0.464
Northeast	67.10	63.32 - 70.66	64.73	60.49 - 68.75	0.387
Southeast	68.13	64.36 - 71.67	68.35	64.29 - 72.15	0.927
	68.88	65.44 - 72.12	69.95	66.67 - 73.03	0.630
Ohio	68.89 ^a	67.60 - 70.15	65.33	64.02 - 66.62	0.000
Boards 2, 46, 55, and 68	64.96	61.39 - 68.37	61.74	57.48 - 65.83	0.211
Boards 3, 52, and 85	68.15	64.61 - 71.49	66.88	62.83 - 70.69	0.607
Boards 4 and 78	67.10 ^a	63.44 - 70.56	61.66	57.16 - 65.97	0.040
Boards 5 and 60	64.41	60.66 - 68.00	62.20	57.79 - 66.41	0.408
Boards 7, 15, 41, 79, and 84	65.55	61.74 - 69.18	61.27	57.08 - 65.30	0.103
Boards 8, 13, and 83	67.50	63.95 - 70.87	65.22	61.38 - 68.87	0.351
Board 9 (Butler)	68.69	65.15 - 72.02	65.90	61.93 - 69.67	0.261
Board 12	69.88 ^b	66.50 - 73.05	65.59	61.32 - 69.62	0.085
Boards 18 and 47	71.00	68.25 - 73.60	68.02	65.14 - 70.77	0.125
Boards 20, 32, 54, and 69	66.31 ^b	62.62 - 69.80	61.54	57.14 - 65.76	0.072
Boards 21, 39, 51, 70, and 80	67.72	64.17 - 71.07	64.92	61.04 - 68.61	0.266
Boards 22, 74, and 87	68.77 ^a	65.13 - 72.20	62.89	58.81 - 66.78	0.021
Boards 23 and 45	68.38	64.90 - 71.66	65.54	61.68 - 69.21	0.234
Board 25 (Franklin)	70.08	67.10 - 72.90	69.08	66.02 - 71.98	0.614
Boards 27, 71, and 73	63.94	60.13 - 67.59	62.32	58.14 - 66.32	0.538
Boards 28, 43, and 67	70.24 ^a	66.85 - 73.42	65.16	61.43 - 68.71	0.027
Board 31 (Hamilton)	71.92 ^a	68.92 - 74.74	66.76	63.24 - 70.10	0.017
Board 48 (Lucas)	72.26 ^a	68.97 - 75.32	65.10	60.99 - 69.00	0.003
Boards 50 and 76	68.71 ^a	65.37 - 71.87	63.60	59.73 - 67.29	0.038
Board 57 (Montgomery)	68.87 ^b	65.34 - 72.19	64.73	60.73 - 68.54	0.088
Board 77 (Summit)	70.78 ^b	67.52 - 73.85	66.90	63.34 - 70.28	0.086
Oklahoma	67.74	65.22 - 70.16	66.50	64.00 - 68.92	0.460
Central	67.45	63.42 - 71.24	66.96	62.60 - 71.05	0.856
East Central	67.10	62.69 - 71.23	64.30	59.39 - 68.92	0.355
Northeast	67.09	63.03 - 70.91	64.49	60.19 - 68.58	0.335
Northwest and Southwest	67.31	63.19 - 71.18	64.86	60.51 - 68.98	0.382
Oklahoma County	69.80	66.04 - 73.31	70.02	66.17 - 73.60	0.930
Southeast	65.66	61.47 - 69.61	64.29	59.50 - 68.80	0.645
Tulsa County	68.76	64.91 - 72.37	68.59	64.40 - 72.50	0.949
Oregon	73.89 ^a	71.52 - 76.13	70.51	68.18 - 72.74	0.034
Region 1 (Multnomah)	74.98	71.54 - 78.14	72.65	68.91 - 76.10	0.314
Region 2	75.23	71.82 - 78.36	72.01	68.30 - 75.44	0.161
Region 3	73.68 ^b	70.27 - 76.84	69.42	66.03 - 72.62	0.063
Region 4	71.95	67.80 - 75.75	69.69	65.38 - 73.69	0.420
Region 5 (Central)	--	-- --	69.79	64.92 - 74.25	--
Region 6 (Eastern)	--	-- --	66.15	60.88 - 71.04	--

See notes at end of table.

(continued)

Table 15 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012 (Estimate)	2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)		(95% Confidence Interval)		
Pennsylvania¹	70.78 ^a	69.45 - 72.06	68.05	66.71 - 69.36	0.003	
Region 1 (Allegheny)	69.87	66.83 - 72.75	67.34	64.00 - 70.51	0.235	
Regions 3, 8, 9, and 51	--	-- --	62.86	58.72 - 66.81	--	
Regions 4, 11, 37, and 49	70.79	67.51 - 73.86	67.85	64.24 - 71.27	0.197	
Regions 5, 18, 23, 24, and 46	67.99	64.52 - 71.28	66.32	62.28 - 70.13	0.512	
Regions 6, 12, 16, 31, 35, 45, and 47	--	-- --	62.89	59.13 - 66.50	--	
Regions 7, 13, 20, and 33	74.91	72.62 - 77.07	73.61	71.01 - 76.05	0.431	
Regions 10, 15, 27, 32, 43, and 44	--	-- --	61.76	57.84 - 65.53	--	
Regions 17 and 21	69.90	66.25 - 73.31	66.26	61.99 - 70.27	0.147	
Regions 19, 26, 28, and 42	69.96	67.08 - 72.69	67.59	64.45 - 70.59	0.241	
Regions 22, 38, 40, 41, and 48	67.29 ^a	63.91 - 70.50	62.08	58.34 - 65.68	0.026	
Regions 29 and 34	72.38	69.15 - 75.39	70.85	67.18 - 74.27	0.504	
Regions 30 and 50	--	-- --	68.46	64.65 - 72.03	--	
Region 36 (Philadelphia)	71.98	69.10 - 74.69	70.44	67.51 - 73.21	0.429	
Rhode Island	74.84	72.37 - 77.16	73.40	70.88 - 75.78	0.402	
Bristol and Newport	76.13	72.47 - 79.43	75.77	71.55 - 79.54	0.886	
Kent	72.57	68.53 - 76.27	72.70	68.48 - 76.55	0.961	
Providence	75.04	72.07 - 77.79	72.88	69.79 - 75.75	0.297	
Washington	75.50	71.75 - 78.90	74.39	70.27 - 78.12	0.662	
South Carolina	70.32	68.00 - 72.53	69.87	67.59 - 72.05	0.770	
Region 1	70.33	66.86 - 73.58	68.35	64.65 - 71.84	0.388	
Region 2	70.06	66.95 - 73.00	70.56	67.15 - 73.76	0.821	
Region 3	70.38	66.56 - 73.93	68.79	64.67 - 72.63	0.543	
Region 4	70.55	66.92 - 73.93	71.27	67.81 - 74.49	0.758	
South Dakota	67.10	64.65 - 69.46	65.26	62.76 - 67.69	0.257	
Region 1	--	-- --	65.08	60.78 - 69.14	--	
Region 2	--	-- --	63.33	58.27 - 68.12	--	
Region 3	--	-- --	65.10	61.17 - 68.83	--	
Region 4	--	-- --	65.02	60.73 - 69.07	--	
Region 5	--	-- --	66.33	62.73 - 69.75	--	
Tennessee	68.14	65.79 - 70.41	65.98	63.57 - 68.31	0.191	
Region 1	66.25	61.75 - 70.46	64.79	60.03 - 69.28	0.627	
Region 2	64.90	60.75 - 68.83	63.93	59.79 - 67.86	0.722	
Region 3	--	-- --	62.01	57.37 - 66.44	--	
Region 4 (Davidson)	71.62	67.83 - 75.12	69.79	65.51 - 73.76	0.493	
Region 5	--	-- --	66.92	63.10 - 70.52	--	
Region 6	65.91	61.64 - 69.94	64.26	59.57 - 68.69	0.575	
Region 7 (Shelby)	72.72	69.06 - 76.10	70.48	66.45 - 74.22	0.378	

See notes at end of table.

(continued)

Table 15 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Texas	72.69	71.53 - 73.83	71.68	70.42 - 72.90	0.242
Region 1	70.72	67.50 - 73.75	68.97	65.08 - 72.61	0.448
Region 2	70.50	67.04 - 73.73	66.99	62.78 - 70.94	0.158
Region 3	72.67	70.91 - 74.36	72.48	70.48 - 74.39	0.882
Region 3a	74.21	72.07 - 76.23	73.32	70.87 - 75.63	0.561
Region 3bc	69.98	67.05 - 72.75	71.02	68.07 - 73.80	0.603
Region 4	69.30	65.90 - 72.51	66.52	62.56 - 70.26	0.264
Region 5	69.67	66.04 - 73.07	69.31	65.32 - 73.03	0.883
Region 6	73.73	71.73 - 75.63	73.77	71.58 - 75.84	0.979
Region 6a	74.04	71.88 - 76.08	74.14	71.78 - 76.37	0.946
Region 6bc	71.22	67.81 - 74.40	70.60	66.60 - 74.31	0.799
Region 7	71.20	69.04 - 73.28	69.32	66.88 - 71.66	0.220
Region 7a	73.28	70.54 - 75.85	70.81	67.72 - 73.71	0.205
Region 7bcd	68.11	64.91 - 71.15	66.83	63.27 - 70.20	0.563
Region 8	73.73	71.11 - 76.19	72.37	69.37 - 75.18	0.471
Region 9	71.13	67.86 - 74.20	67.25	63.10 - 71.14	0.109
Region 10	76.05	73.18 - 78.70	74.55	71.23 - 77.62	0.456
Region 11	74.64 ^b	72.24 - 76.90	71.68	69.04 - 74.17	0.071
Region 11abd	74.75	71.70 - 77.58	71.80	68.41 - 74.96	0.151
Region 11c (Hidalgo)	74.41	71.43 - 77.19	71.46	67.93 - 74.74	0.160
Utah	76.29 ^b	74.13 - 78.32	73.56	71.46 - 75.55	0.056
Bear River, Northeastern, Summit, Tooele, and Wasatch	76.32 ^b	73.06 - 79.30	72.16	68.27 - 75.75	0.069
Central, Four Corners, San Juan, and Southwest	74.90	71.37 - 78.13	71.63	67.63 - 75.33	0.172
Davis County	76.68	73.29 - 79.76	75.18	71.46 - 78.56	0.505
Salt Lake County	76.16	73.29 - 78.81	73.53	70.53 - 76.32	0.172
Utah County	77.60	74.76 - 80.21	75.95	72.71 - 78.92	0.402
Weber, Morgan	75.75 ^b	72.20 - 78.98	71.34	67.29 - 75.07	0.066
Vermont	71.16	68.87 - 73.34	70.79	68.46 - 73.02	0.810
Champlain Valley	71.61	68.62 - 74.43	72.46	69.45 - 75.28	0.663
Rural Northeast	69.67	66.18 - 72.95	69.78	65.81 - 73.48	0.964
Rural Southeast	72.80	69.02 - 76.27	70.46	66.37 - 74.24	0.352
Rural Southwest	70.08	65.98 - 73.88	68.51	64.29 - 72.45	0.566
Virginia	72.45	70.06 - 74.71	72.29	69.98 - 74.49	0.921
Region 1	--	-- --	72.06	68.32 - 75.51	--
Region 2	76.72	73.41 - 79.73	77.13	73.86 - 80.09	0.847
Region 3	69.32	65.35 - 73.02	67.41	62.93 - 71.59	0.493
Region 4	--	-- --	71.85	67.97 - 75.43	--
Region 5	72.20	68.64 - 75.50	70.60	66.76 - 74.16	0.518

See notes at end of table.

(continued)

Table 15 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	95% Confidence Interval	2010-2012 (Estimate)	95% Confidence Interval	
Washington¹	72.23	69.89 - 74.45	70.89	68.47 - 73.19	0.402
Region 1	--	-- --	68.41	64.66 - 71.92	--
East 1 (previously Region 1)	70.54	66.69 - 74.12	68.93	64.32 - 73.20	0.558
East 2 (previously Region 2)	72.02	68.14 - 75.60	67.69	63.01 - 72.05	0.117
Region 2	--	-- --	72.97	70.08 - 75.68	--
North 1 (previously Region 3)	72.79	69.22 - 76.09	70.89	66.93 - 74.55	0.442
North 2 (previously Region 4)	74.22	70.92 - 77.25	74.17	70.64 - 77.41	0.983
Region 3	--	-- --	69.61	66.39 - 72.64	--
West 1 (previously Region 5)	70.87	67.22 - 74.27	69.16	64.90 - 73.11	0.503
West 2 (previously Region 6)	70.77	66.93 - 74.34	70.02	65.92 - 73.83	0.771
West Virginia¹	67.45	65.00 - 69.81	66.53	64.17 - 68.81	0.575
Region I	67.08	62.46 - 71.40	66.23	61.26 - 70.86	0.779
Region II	--	-- --	66.20	61.75 - 70.39	--
Region III	66.82	62.30 - 71.04	66.79	62.09 - 71.18	0.993
Region IV	--	-- --	67.99	64.12 - 71.63	--
Region V	--	-- --	65.07	61.56 - 68.42	--
Region VI	--	-- --	67.32	62.90 - 71.45	--
Wisconsin	71.16	68.79 - 73.41	68.54	66.01 - 70.97	0.108
Milwaukee	72.43	68.90 - 75.70	69.99	65.90 - 73.78	0.320
Northeastern	70.70	67.14 - 74.03	66.56	62.58 - 70.31	0.104
Northern	70.88	66.76 - 74.68	67.23	62.43 - 71.68	0.200
Southeastern	71.65	67.93 - 75.10	70.28	66.18 - 74.08	0.589
Southern	--	-- --	68.46	64.05 - 72.57	--
Western	--	-- --	68.31	63.99 - 72.34	--

See notes at end of table.

(continued)

Table 15 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, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	95% Confidence Interval	2010-2012 (Estimate)	95% Confidence Interval	
Wyoming	69.18	66.81 - 71.45	68.29	65.89 - 70.60	0.591
Judicial District 1 (Laramie)	69.58	65.86 - 73.07	69.51	65.36 - 73.37	0.978
Judicial District 2	71.20	67.59 - 74.56	68.78	64.77 - 72.52	0.318
Judicial District 3	67.70	63.89 - 71.30	68.88	64.81 - 72.69	0.645
Judicial District 4	69.67	65.30 - 73.72	71.34	66.70 - 75.57	0.572
Judicial District 5	70.55	66.33 - 74.44	67.92	63.33 - 72.19	0.363
Judicial District 6	66.72	62.76 - 70.46	65.53	60.99 - 69.79	0.670
Judicial District 7 (Natrona)	68.20	64.25 - 71.90	66.67	62.35 - 70.73	0.565
Judicial District 8	68.80	64.41 - 72.88	65.41	60.51 - 70.00	0.261
Judicial District 9	70.34	66.36 - 74.04	69.93	65.62 - 73.92	0.881

ECBH = East Carolina Behavioral Health; SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2002-2004 and 2010-2012); hence, the 2002-2004 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2010-2012 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=34>.

NOTE: Substate, State, and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques, with their *p* values being the Bayes posterior probability of no change between the 2002-2004 and 2010-2012 estimates. The "Total U.S." estimates, along with the 95 percent confidence intervals and *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.10 level.

¹ Names of some of the substate regions for this State have changed across the two time periods (2002-2004 vs. 2010-2012). For details, see the methodology write-up for comparing estimates located below the tables.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2004, 2010, 2011, and 2012 (2010 Data - Revised March 2012).

Table 16 Alcohol Dependence or Abuse in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Total United States	7.66 ^a	7.46 - 7.86	6.77	6.59 - 6.95	0.000
Northeast	7.27	6.90 - 7.65	7.00	6.61 - 7.41	0.302
Midwest	8.59 ^a	8.28 - 8.91	7.00	6.69 - 7.32	0.000
South	7.10 ^a	6.82 - 7.38	6.03	5.74 - 6.33	0.000
West	7.95	7.54 - 8.38	7.54	7.13 - 7.98	0.153
Alabama	5.99	5.10 - 7.01	5.41	4.58 - 6.39	0.307
Region 1	5.81	4.63 - 7.27	4.89	3.73 - 6.38	0.228
Region 2	6.29	5.01 - 7.86	6.11	4.82 - 7.72	0.833
Region 3	6.11	4.78 - 7.77	4.84	3.69 - 6.31	0.119
Region 4	5.67	4.49 - 7.14	5.53	4.27 - 7.14	0.861
Alaska	8.24	7.09 - 9.56	8.02	6.82 - 9.40	0.780
Anchorage	--	-- --	8.49	6.90 - 10.39	--
Northern	--	-- --	7.94	6.14 - 10.21	--
South Central	--	-- --	7.10	5.36 - 9.34	--
Southeast	8.46	6.64 - 10.71	8.67	6.48 - 11.50	0.871
Arizona	9.45 ^a	8.19 - 10.88	7.75	6.59 - 9.09	0.040
Maricopa	9.83 ^b	8.35 - 11.55	7.85	6.46 - 9.51	0.052
Pima	9.41	7.49 - 11.75	8.26	6.26 - 10.82	0.364
Rural North	8.77 ^b	6.93 - 11.05	6.55	4.89 - 8.72	0.055
Rural South	8.23	6.32 - 10.65	7.72	5.63 - 10.51	0.682
Arkansas¹	6.81 ^a	5.85 - 7.91	5.40	4.54 - 6.40	0.017
Catchment Area 1	--	-- --	5.63	4.28 - 7.38	--
Catchment Area 2	5.71	4.36 - 7.43	4.90	3.57 - 6.70	0.340
Catchment Area 3	6.83 ^a	5.33 - 8.72	4.51	3.28 - 6.19	0.010
Catchment Area 4	--	-- --	5.97	4.40 - 8.06	--
Catchment Area 5	--	-- --	6.09	4.66 - 7.92	--
Catchment Area 6	--	-- --	5.27	3.84 - 7.19	--
Catchment Area 7	--	-- --	4.82	3.53 - 6.55	--
Catchment Area 8	6.79	5.38 - 8.54	5.61	4.25 - 7.37	0.195

See notes at end of table.

(continued)

Table 16 Alcohol Dependence or Abuse in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
California	7.39	6.78 - 8.06	7.42	6.78 - 8.12	0.949
Region 1R	--	-- --	8.27	6.40 - 10.61	--
Region 2R	--	-- --	7.62	5.96 - 9.70	--
Region 3R (Sacramento)	--	-- --	7.40	5.74 - 9.50	--
Region 4R	--	-- --	7.20	5.66 - 9.12	--
Region 5R (San Francisco)	--	-- --	10.51	8.00 - 13.69	--
Region 6 (Santa Clara)	7.15	5.81 - 8.77	6.82	5.34 - 8.66	0.705
Region 7R (Contra Costa)	--	-- --	7.23	5.53 - 9.40	--
Region 8R (Alameda)	--	-- --	7.71	6.05 - 9.77	--
Region 9R (San Mateo)	--	-- --	6.55	4.94 - 8.62	--
Region 10	8.39	6.87 - 10.21	7.63	5.97 - 9.70	0.456
Region 11 (Los Angeles)	6.76	5.82 - 7.84	7.35	6.49 - 8.32	0.350
LA SPA 1 and 5	--	-- --	8.84	6.84 - 11.34	--
LA SPA 2	--	-- --	6.95	5.49 - 8.75	--
LA SPA 3	--	-- --	6.09	4.76 - 7.76	--
LA SPA 4	--	-- --	9.27	7.20 - 11.86	--
LA SPA 6	--	-- --	7.44	5.71 - 9.64	--
LA SPA 7	--	-- --	7.43	5.78 - 9.51	--
LA SPA 8	--	-- --	6.78	5.22 - 8.77	--
Region 12R	--	-- --	7.38	5.61 - 9.66	--
Regions 13 and 19R	--	-- --	7.04	5.71 - 8.65	--
Region 13 (Riverside)	7.10	5.77 - 8.70	7.09	5.68 - 8.82	0.998
Region 19R (Imperial)	--	-- --	6.39	4.80 - 8.47	--
Region 14 (Orange)	7.16	5.88 - 8.68	6.93	5.68 - 8.43	0.788
Region 15R (Fresno)	--	-- --	7.26	5.60 - 9.36	--
Region 16R (San Diego)	--	-- --	8.16	6.64 - 9.99	--
Region 17R	--	-- --	7.23	5.68 - 9.18	--
Region 18R (San Bernardino)	--	-- --	6.31	4.99 - 7.95	--
Region 20R	--	-- --	7.41	5.75 - 9.50	--
Region 21R	--	-- --	8.70	6.77 - 11.11	--
Colorado	9.95	8.67 - 11.39	8.58	7.36 - 9.98	0.101
Region 1	9.47	7.64 - 11.68	9.05	7.10 - 11.47	0.728
Regions 2 and 7	10.44	8.79 - 12.35	8.80	7.26 - 10.62	0.134
Region 3	8.91	7.08 - 11.16	7.92	6.16 - 10.12	0.366
Region 4	9.27	7.15 - 11.93	7.38	5.44 - 9.94	0.116
Regions 5 and 6	9.70	7.70 - 12.15	8.39	6.31 - 11.07	0.304
Connecticut	7.52	6.47 - 8.73	7.27	6.17 - 8.56	0.721
Eastern	8.31	6.62 - 10.39	7.57	5.86 - 9.74	0.489
North Central	7.42	5.92 - 9.25	6.61	5.12 - 8.49	0.419
Northwestern	7.22	5.74 - 9.04	6.56	4.95 - 8.64	0.513
South Central	7.73	6.23 - 9.54	8.41	6.53 - 10.77	0.526
Southwest	7.22	5.63 - 9.23	7.30	5.48 - 9.66	0.946

See notes at end of table.

(continued)

Table 16 Alcohol Dependence or Abuse in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Delaware	7.32	6.35 - 8.42	6.54	5.59 - 7.64	0.214
Kent	6.58	5.13 - 8.40	6.20	4.69 - 8.16	0.680
New Castle (excluding Wilmington City)	7.92	6.73 - 9.29	6.77	5.59 - 8.17	0.153
Sussex	6.05	4.71 - 7.75	5.86	4.45 - 7.69	0.829
Wilmington City	7.98	6.05 - 10.45	7.74	5.70 - 10.44	0.848
District of Columbia	9.39 ^a	8.03 - 10.95	11.86	10.30 - 13.62	0.010
Ward 1	11.47 ^a	8.95 - 14.59	15.36	11.89 - 19.62	0.040
Ward 2	11.92 ^b	9.52 - 14.83	14.77	11.88 - 18.23	0.100
Ward 3	10.73	8.57 - 13.36	12.46	9.79 - 15.74	0.267
Ward 4	7.58 ^b	5.73 - 9.97	10.03	7.57 - 13.18	0.088
Ward 5	8.11 ^a	6.17 - 10.59	10.95	8.48 - 14.02	0.048
Ward 6	9.45 ^a	7.21 - 12.28	13.14	10.15 - 16.84	0.028
Ward 7	7.36	5.57 - 9.67	9.10	6.78 - 12.13	0.202
Ward 8	7.58	5.76 - 9.93	8.14	6.12 - 10.74	0.663
Florida¹	7.09 ^a	6.51 - 7.72	6.01	5.43 - 6.66	0.008
Region A - Northwest	--	-- --	7.87	6.65 - 9.30	--
Circuit 1	7.52	6.10 - 9.22	7.12	5.58 - 9.05	0.678
Circuit 2	--	-- --	9.64	7.54 - 12.26	--
Circuit 14	--	-- --	7.29	5.51 - 9.57	--
Region B - Northeast	--	-- --	6.23	5.31 - 7.30	--
Circuits 3 and 8	--	-- --	7.11	5.59 - 9.02	--
Circuit 4	--	-- --	6.37	5.00 - 8.07	--
Circuit 7	--	-- --	5.49	4.21 - 7.13	--
Region C - Central	--	-- --	5.88	5.10 - 6.78	--
Circuit 5	5.41	4.23 - 6.90	4.71	3.49 - 6.34	0.400
Circuit 9	--	-- --	6.71	5.40 - 8.32	--
Circuit 10	6.06	4.79 - 7.63	5.21	3.97 - 6.82	0.297
Circuit 18	--	-- --	6.79	5.26 - 8.73	--
Circuit 19	6.32	4.99 - 7.98	5.35	3.98 - 7.16	0.256
Region D - Southeast	--	-- --	5.62	4.69 - 6.74	--
Circuit 15 (Palm Beach)	6.44	5.25 - 7.87	5.56	4.32 - 7.12	0.287
Circuit 17 (Broward)	6.89	5.68 - 8.33	5.68	4.50 - 7.13	0.121
Region E - Sun Coast	--	-- --	6.42	5.52 - 7.46	--
Circuit 6	--	-- --	6.04	4.61 - 7.88	--
Circuit 12	--	-- --	7.22	5.42 - 9.56	--
Circuit 13 (Hillsborough)	--	-- --	6.89	5.55 - 8.52	--
Circuit 20	5.76	4.60 - 7.19	5.88	4.48 - 7.67	0.896
Region F - Southern (Circuits 11 and 16)	6.17 ^a	5.10 - 7.43	4.81	3.89 - 5.92	0.041
Georgia	6.80 ^a	5.83 - 7.91	5.27	4.43 - 6.26	0.009
Region 1	--	-- --	4.97	3.83 - 6.42	--
Region 2	--	-- --	5.11	3.86 - 6.75	--
Region 3	--	-- --	5.60	4.31 - 7.24	--
Region 4	--	-- --	4.73	3.47 - 6.43	--
Region 5	--	-- --	5.54	4.11 - 7.43	--
Region 6	--	-- --	5.31	3.94 - 7.12	--

See notes at end of table.

(continued)

Table 16 Alcohol Dependence or Abuse in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Hawaii	7.43	6.34 - 8.69	7.54	6.39 - 8.87	0.895
Hawaii Island	7.27	5.64 - 9.34	7.95	5.94 - 10.55	0.565
Honolulu	7.43	6.21 - 8.87	7.26	6.03 - 8.73	0.850
Kauai and Maui	7.57	5.89 - 9.69	8.37	6.43 - 10.83	0.493
Kauai	--	-- --	7.50	5.38 - 10.38	--
Maui	--	-- --	8.75	6.45 - 11.77	--
Idaho	7.93	6.95 - 9.03	7.11	6.07 - 8.30	0.213
Region 1	7.62	5.99 - 9.65	7.20	5.43 - 9.47	0.697
Region 2	9.14	7.31 - 11.38	8.25	6.16 - 10.97	0.458
Region 3	7.26	5.81 - 9.04	6.26	4.81 - 8.10	0.275
Region 4	8.50	7.01 - 10.28	8.30	6.53 - 10.50	0.859
Region 5	7.65 ^b	6.13 - 9.52	5.74	4.29 - 7.65	0.054
Region 6	8.32	6.65 - 10.37	7.61	5.76 - 10.00	0.526
Region 7	6.92	5.36 - 8.90	5.62	4.19 - 7.49	0.168
Illinois	8.88 ^a	8.20 - 9.61	6.98	6.35 - 7.66	0.000
Region I (Cook)	9.51 ^a	8.44 - 10.69	7.43	6.47 - 8.52	0.004
Region II	8.55 ^a	7.53 - 9.69	6.29	5.42 - 7.28	0.001
Region III	9.07	7.78 - 10.56	7.77	6.45 - 9.33	0.160
Region IV	7.54 ^b	6.28 - 9.02	5.99	4.74 - 7.54	0.065
Region V	7.90	6.65 - 9.35	7.13	5.81 - 8.72	0.380
Indiana	8.01	7.01 - 9.15	7.05	6.01 - 8.26	0.156
Central	7.74	6.28 - 9.51	7.44	5.67 - 9.69	0.773
East	8.18	6.46 - 10.31	6.78	5.08 - 8.98	0.189
North Central	7.82	6.23 - 9.78	6.84	5.26 - 8.85	0.338
Northeast	7.42	5.86 - 9.35	6.75	5.05 - 8.97	0.520
Northwest	7.63	5.97 - 9.71	6.63	5.02 - 8.72	0.332
Southeast	7.42	5.85 - 9.38	5.92	4.42 - 7.88	0.129
Southwest	8.10	6.30 - 10.36	6.37	4.66 - 8.64	0.124
West	10.11	8.21 - 12.40	8.89	6.89 - 11.40	0.305
Iowa	8.62	7.57 - 9.80	7.66	6.60 - 8.88	0.164
Central	8.62	6.97 - 10.63	7.70	6.01 - 9.81	0.395
North Central	8.83	7.10 - 10.93	8.55	6.57 - 11.07	0.805
Northeast	9.17	7.57 - 11.06	7.44	5.89 - 9.35	0.110
Northwest	7.79	6.22 - 9.71	7.03	5.29 - 9.27	0.459
Southeast	8.75	7.15 - 10.67	7.85	6.14 - 9.98	0.392
Southwest	8.13	6.41 - 10.26	7.75	5.81 - 10.27	0.734
Kansas	7.88 ^a	6.86 - 9.04	6.51	5.51 - 7.67	0.034
Kansas City Metro	8.83 ^a	7.29 - 10.67	5.97	4.68 - 7.60	0.003
Northeast	7.99	6.43 - 9.89	7.03	5.36 - 9.17	0.354
South Central	6.80	5.35 - 8.59	6.43	4.81 - 8.54	0.706
Southeast	7.53	5.94 - 9.49	7.00	5.18 - 9.41	0.616
West	6.90	5.38 - 8.80	7.29	5.46 - 9.66	0.707
Wichita (Sedgwick)	7.71	6.12 - 9.65	6.33	4.82 - 8.26	0.165

See notes at end of table.

(continued)

Table 16 Alcohol Dependence or Abuse in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Kentucky	6.57 ^a	5.66 - 7.63	5.12	4.25 - 6.15	0.012
Adanta, Cumberland River, and Lifeskills	6.03	4.81 - 7.55	5.02	3.77 - 6.64	0.200
Bluegrass, Comprehend, and North Key	7.42 ^a	6.01 - 9.12	5.27	4.07 - 6.80	0.015
Communicare and River Valley	6.11 ^b	4.76 - 7.81	4.65	3.38 - 6.36	0.075
Four Rivers and Pennyroyal	6.32	4.88 - 8.14	5.30	3.88 - 7.19	0.231
Kentucky River, Mountain, and Pathways	5.95	4.57 - 7.71	4.74	3.44 - 6.52	0.161
Seven Counties	6.59	5.16 - 8.39	5.35	4.01 - 7.11	0.161
Louisiana	8.15 ^a	7.12 - 9.31	6.38	5.47 - 7.44	0.005
Regions 1 and 10	--	-- --	6.71	5.31 - 8.45	--
Region 1	8.33	6.51 - 10.60	7.26	5.45 - 9.61	0.361
Region 10 (Jefferson)	8.40 ^a	6.65 - 10.57	6.16	4.54 - 8.30	0.037
Regions 2 and 9	9.07 ^a	7.50 - 10.93	6.10	4.82 - 7.69	0.002
Region 3	7.89 ^a	6.15 - 10.07	5.70	4.25 - 7.61	0.032
Regions 4, 5, and 6	--	-- --	6.90	5.44 - 8.71	--
Regions 7 and 8	7.39	5.90 - 9.21	6.08	4.76 - 7.73	0.137
Maine¹	7.23 ^b	6.25 - 8.36	6.11	5.13 - 7.25	0.081
Aroostook/Downeast	--	-- --	5.94	4.59 - 7.66	--
Aroostook	--	-- --	5.73	4.12 - 7.91	--
Downeast	--	-- --	6.11	4.42 - 8.39	--
Central	--	-- --	6.20	4.60 - 8.31	--
Cumberland	8.00	6.42 - 9.92	6.74	5.21 - 8.68	0.220
Midcoast	6.62	5.18 - 8.42	5.74	4.16 - 7.86	0.371
Penquis	--	-- --	6.53	4.97 - 8.55	--
Western	--	-- --	5.75	4.31 - 7.63	--
York	6.97	5.43 - 8.90	5.51	4.07 - 7.42	0.130
Maryland	7.06 ^a	6.05 - 8.23	5.62	4.69 - 6.72	0.023
Anne Arundel	7.09	5.52 - 9.08	5.83	4.27 - 7.90	0.188
Baltimore City	8.24 ^a	6.36 - 10.60	6.04	4.46 - 8.13	0.044
Baltimore County	--	-- --	6.13	4.55 - 8.22	--
Montgomery	6.44	5.02 - 8.21	5.42	4.02 - 7.27	0.267
North Central	--	-- --	5.58	4.11 - 7.54	--
Northeast	--	-- --	5.09	3.70 - 6.97	--
Prince George's	6.73	5.16 - 8.73	5.19	3.80 - 7.07	0.114
South	--	-- --	5.52	4.08 - 7.41	--
West	--	-- --	5.84	4.33 - 7.82	--

See notes at end of table.

(continued)

Table 16 Alcohol Dependence or Abuse in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Massachusetts	8.33	7.29 - 9.51	8.70	7.49 - 10.09	0.624
Boston	9.69	7.73 - 12.07	11.51	8.97 - 14.65	0.202
Central	7.99	6.37 - 9.97	8.38	6.33 - 11.03	0.732
Metrowest	8.68	7.02 - 10.68	9.38	7.45 - 11.74	0.553
Northeast	7.58	6.04 - 9.48	8.30	6.47 - 10.59	0.527
Southeast	7.90	6.40 - 9.72	7.35	5.63 - 9.54	0.594
Western	8.55	6.84 - 10.65	7.79	5.90 - 10.22	0.510
Michigan¹	8.17 ^a	7.54 - 8.84	7.05	6.43 - 7.73	0.014
Detroit City	8.31	6.75 - 10.19	7.11	5.60 - 9.00	0.260
Genesee	8.02 ^b	6.49 - 9.87	6.17	4.77 - 7.94	0.057
Kalamazoo	--	-- --	6.48	5.11 - 8.20	--
Kent	9.08	7.54 - 10.89	8.12	6.52 - 10.06	0.361
Lakeshore	--	-- --	7.42	5.98 - 9.18	--
Macomb	7.99	6.62 - 9.60	7.71	6.22 - 9.51	0.777
Mid South	--	-- --	6.26	5.04 - 7.75	--
Northern	8.58 ^a	7.18 - 10.23	6.71	5.35 - 8.39	0.047
Oakland	7.58	6.32 - 9.07	7.25	5.93 - 8.83	0.706
Pathways and Western	--	-- --	9.32	7.29 - 11.83	--
Riverhaven	7.95	6.40 - 9.83	7.00	5.37 - 9.08	0.348
Saginaw	7.69	6.15 - 9.58	6.30	4.80 - 8.24	0.136
Southeast	7.77	6.50 - 9.27	6.70	5.44 - 8.22	0.219
St. Clair	7.22	5.82 - 8.92	5.93	4.56 - 7.67	0.156
Washtenaw	7.77	6.35 - 9.47	7.55	6.10 - 9.31	0.807
Minnesota	8.90 ^a	7.82 - 10.10	7.42	6.37 - 8.63	0.036
Regions 1 and 2	8.90	7.12 - 11.07	7.09	5.21 - 9.57	0.132
Regions 3 and 4	9.30	7.66 - 11.24	7.68	5.95 - 9.87	0.152
Regions 5 and 6	9.30	7.61 - 11.31	7.68	5.94 - 9.86	0.153
Region 7A (Hennepin)	8.58	6.94 - 10.56	7.97	6.23 - 10.13	0.583
Region 7B (Ramsey)	9.72	7.70 - 12.20	7.95	5.91 - 10.61	0.187
Region 7C	8.14 ^b	6.50 - 10.15	6.37	4.97 - 8.13	0.073
Mississippi	6.30	5.32 - 7.44	5.59	4.74 - 6.59	0.239
Region 1	5.62	4.40 - 7.14	5.49	4.23 - 7.10	0.877
Region 2	6.33	4.79 - 8.32	5.66	4.19 - 7.61	0.499
Region 3	6.18	4.79 - 7.93	6.27	4.83 - 8.11	0.918
Region 4	7.11 ^a	5.48 - 9.18	4.93	3.73 - 6.49	0.018
Region 5	5.84	4.31 - 7.88	5.35	3.89 - 7.33	0.595
Region 6	6.63	5.11 - 8.56	5.83	4.38 - 7.72	0.371
Region 7	6.38	4.92 - 8.22	5.80	4.37 - 7.65	0.519

See notes at end of table.

(continued)

Table 16 Alcohol Dependence or Abuse in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Missouri	8.48 ^a	7.43 - 9.67	5.93	5.01 - 7.01	0.000
Central	9.21 ^a	7.50 - 11.27	6.09	4.62 - 7.98	0.003
Eastern	8.96 ^a	7.50 - 10.68	6.28	5.07 - 7.74	0.003
Eastern (St. Louis City and County)	9.32 ^a	7.57 - 11.43	6.35	4.89 - 8.22	0.007
Eastern (excluding St. Louis)	8.23 ^a	6.48 - 10.41	6.14	4.67 - 8.04	0.043
Northwest	8.56 ^a	7.16 - 10.21	5.99	4.78 - 7.48	0.003
Northwest (Jackson)	8.73 ^a	6.99 - 10.86	6.46	4.89 - 8.50	0.041
Northwest (excluding Jackson)	8.40 ^a	6.69 - 10.50	5.59	4.17 - 7.45	0.005
Southeast	7.34 ^a	5.76 - 9.31	5.13	3.77 - 6.95	0.019
Southwest	7.47 ^a	5.97 - 9.31	5.52	4.12 - 7.37	0.049
Montana	10.10 ^b	8.86 - 11.49	8.47	7.28 - 9.82	0.063
Region 1	9.02	7.11 - 11.38	7.93	5.90 - 10.58	0.389
Region 2	9.50	7.64 - 11.75	8.38	6.38 - 10.95	0.393
Region 3	9.60	7.76 - 11.81	7.82	6.13 - 9.94	0.129
Region 4	10.47	8.77 - 12.45	9.20	7.38 - 11.42	0.311
Region 5	10.75 ^b	8.88 - 12.94	8.44	6.80 - 10.42	0.064
Nebraska	10.03 ^a	8.85 - 11.34	6.87	5.86 - 8.06	0.000
Regions 1 and 2	8.98 ^a	7.18 - 11.19	6.63	5.12 - 8.55	0.026
Region 1	--	-- --	7.16	5.21 - 9.77	--
Region 2	--	-- --	6.17	4.46 - 8.47	--
Region 3	9.50 ^a	7.65 - 11.73	6.83	5.21 - 8.90	0.014
Region 4	8.68 ^b	6.92 - 10.85	6.59	4.85 - 8.88	0.060
Region 5	11.23 ^a	9.39 - 13.39	7.39	5.85 - 9.29	0.001
Region 6	10.18 ^a	8.54 - 12.08	6.72	5.39 - 8.35	0.001
Nevada¹	8.31	7.10 - 9.71	9.26	7.80 - 10.95	0.286
Clark – Region 1	8.34	6.91 - 10.02	8.68	7.11 - 10.55	0.737
Region 3	7.35	5.83 - 9.22	9.21	7.09 - 11.88	0.105
Capital District	--	-- --	9.10	6.58 - 12.46	--
Rural/Frontier	--	-- --	9.31	6.76 - 12.69	--
Washoe – Region 2	9.02 ^a	7.29 - 11.11	11.94	9.32 - 15.17	0.044
New Hampshire	8.70 ^a	7.60 - 9.94	6.76	5.77 - 7.91	0.005
Central	8.82 ^a	7.42 - 10.46	7.10	5.78 - 8.70	0.044
Central 1	9.43	7.68 - 11.52	7.77	6.05 - 9.92	0.138
Central 2	8.24 ^b	6.53 - 10.33	6.46	4.89 - 8.50	0.091
Northern	8.99	7.20 - 11.17	7.49	5.70 - 9.77	0.202
Southern	8.58 ^a	7.30 - 10.06	6.43	5.32 - 7.76	0.007
Southern 1 (Rockingham)	8.23 ^a	6.62 - 10.20	6.18	4.78 - 7.96	0.038
Southern 2	8.79 ^a	7.26 - 10.62	6.59	5.25 - 8.25	0.027
New Jersey	6.43	5.43 - 7.60	6.50	5.44 - 7.75	0.917
Central	6.40	5.06 - 8.08	6.35	4.86 - 8.24	0.950
Metropolitan	6.44	5.06 - 8.17	6.41	4.90 - 8.34	0.971
Northern	6.02	4.75 - 7.62	6.98	5.44 - 8.91	0.318
Southern	7.08	5.58 - 8.94	6.04	4.58 - 7.94	0.287

See notes at end of table.

(continued)

Table 16 Alcohol Dependence or Abuse in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
New Mexico	10.07 ^a	8.73 - 11.58	7.32	6.23 - 8.58	0.001
Region 1	9.13 ^a	7.30 - 11.35	6.33	4.89 - 8.15	0.009
Region 2	10.08 ^a	7.96 - 12.67	7.12	5.24 - 9.61	0.030
Region 3 (Bernalillo)	11.05 ^a	9.18 - 13.25	8.41	6.72 - 10.47	0.030
Region 4	9.01 ^a	7.08 - 11.41	6.36	4.75 - 8.48	0.019
Region 5	10.15 ^a	8.14 - 12.59	7.33	5.71 - 9.37	0.016
New York	7.00	6.37 - 7.70	6.76	6.12 - 7.47	0.584
Region A	6.68	5.88 - 7.59	6.96	6.09 - 7.94	0.627
Region 1	6.96	5.58 - 8.64	5.93	4.61 - 7.59	0.236
Region 2	6.34	5.19 - 7.72	7.12	5.85 - 8.64	0.352
Region 3	8.83	7.20 - 10.78	8.49	6.73 - 10.65	0.757
Region 4	5.44	4.32 - 6.83	6.22	4.92 - 7.83	0.347
Region B	--	-- --	6.16	5.31 - 7.13	--
Region 5	6.64	5.57 - 7.90	5.73	4.68 - 6.99	0.208
Region 6	7.09	5.77 - 8.67	6.58	5.14 - 8.40	0.583
Region 7	7.31	5.86 - 9.08	6.91	5.43 - 8.75	0.675
Region C	--	-- --	7.20	6.31 - 8.20	--
Region 8	7.54	6.22 - 9.12	7.28	5.84 - 9.04	0.780
Region 9	7.60	6.19 - 9.29	6.62	5.24 - 8.34	0.276
Region 10	8.08	6.60 - 9.85	6.98	5.32 - 9.10	0.284
Region 11	7.06	5.77 - 8.60	8.07	6.37 - 10.18	0.300
Region 12	7.74	6.42 - 9.30	6.87	5.44 - 8.65	0.350
Region D	7.50 ^b	6.50 - 8.64	6.42	5.36 - 7.68	0.099
Region 13	7.33	5.83 - 9.19	5.98	4.53 - 7.85	0.138
Region 14	7.88	6.34 - 9.75	7.25	5.53 - 9.45	0.540
Region 15	7.28	5.89 - 8.98	6.00	4.59 - 7.81	0.145
North Carolina	6.48 ^a	5.49 - 7.63	5.15	4.26 - 6.22	0.026
Alliance	--	-- --	5.23	3.93 - 6.93	--
Cardinal Innovations	--	-- --	5.22	3.83 - 7.07	--
CenterPoint/Guilford	--	-- --	5.02	3.84 - 6.54	--
CenterPoint	--	-- --	4.73	3.37 - 6.60	--
Guilford	--	-- --	5.33	3.82 - 7.39	--
CoastalCare	--	-- --	5.46	3.92 - 7.56	--
Eastpointe	--	-- --	4.48	3.24 - 6.15	--
ECBH	--	-- --	5.14	3.72 - 7.06	--
MeckLINK	--	-- --	5.76	4.17 - 7.90	--
Partners	--	-- --	4.93	3.59 - 6.74	--
Sandhills	--	-- --	4.70	3.37 - 6.53	--
Smoky Mountain	--	-- --	5.48	3.91 - 7.63	--
Western Highlands	--	-- --	5.14	3.67 - 7.15	--

See notes at end of table.

(continued)

Table 16 Alcohol Dependence or Abuse in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
North Dakota	10.62 ^a	9.40 - 11.97	8.40	7.28 - 9.67	0.005
Badlands and West Central Lake Region and South Central	9.62 ^a	7.91 - 11.65	7.39	5.82 - 9.35	0.039
North Central and Northwest	8.23	6.64 - 10.17	7.82	6.02 - 10.09	0.706
Northeast	10.39	8.42 - 12.76	8.95	7.04 - 11.31	0.258
Southeast	11.97	9.96 - 14.33	10.54	8.38 - 13.17	0.286
Southeast	12.49 ^a	10.69 - 14.56	8.29	6.69 - 10.23	0.000
Ohio	7.54	6.95 - 8.18	6.94	6.37 - 7.56	0.148
Boards 2, 46, 55, and 68	6.83	5.54 - 8.39	5.97	4.60 - 7.70	0.318
Boards 3, 52, and 85	6.88	5.53 - 8.53	6.42	4.96 - 8.28	0.616
Boards 4 and 78	7.55	6.09 - 9.33	6.74	5.09 - 8.86	0.403
Boards 5 and 60	8.14	6.69 - 9.86	7.58	5.92 - 9.65	0.587
Boards 7, 15, 41, 79, and 84	7.12	5.80 - 8.71	5.97	4.66 - 7.61	0.186
Boards 8, 13, and 83	6.41	5.20 - 7.89	5.47	4.25 - 7.01	0.232
Board 9 (Butler)	7.75	6.33 - 9.44	7.26	5.70 - 9.20	0.604
Board 12	7.28	5.86 - 9.01	7.12	5.50 - 9.17	0.868
Boards 18 and 47	7.32	6.14 - 8.70	7.18	5.92 - 8.69	0.871
Boards 20, 32, 54, and 69	7.17	5.86 - 8.75	6.10	4.68 - 7.91	0.226
Boards 21, 39, 51, 70, and 80	7.06	5.78 - 8.59	6.61	5.16 - 8.43	0.603
Boards 22, 74, and 87	7.53	6.11 - 9.24	6.97	5.43 - 8.91	0.555
Boards 23 and 45	7.69 ^b	6.19 - 9.52	6.06	4.68 - 7.81	0.079
Board 25 (Franklin)	8.91	7.62 - 10.38	9.04	7.47 - 10.91	0.889
Boards 27, 71, and 73	6.71	5.37 - 8.35	6.00	4.61 - 7.79	0.426
Boards 28, 43, and 67	7.68	6.31 - 9.32	6.99	5.56 - 8.76	0.451
Board 31 (Hamilton)	7.32	6.03 - 8.84	6.38	5.05 - 8.03	0.282
Board 48 (Lucas)	8.03	6.57 - 9.77	7.82	6.04 - 10.08	0.852
Boards 50 and 76	7.45	6.05 - 9.13	6.62	5.24 - 8.33	0.377
Board 57 (Montgomery)	8.29 ^a	6.75 - 10.14	6.27	4.91 - 7.97	0.034
Board 77 (Summit)	7.97	6.44 - 9.84	8.10	6.37 - 10.25	0.904
Oklahoma	7.34	6.29 - 8.56	7.95	6.74 - 9.34	0.406
Central	7.57	5.93 - 9.60	8.27	6.24 - 10.88	0.528
East Central	6.21	4.76 - 8.08	7.48	5.47 - 10.16	0.230
Northeast	6.95	5.52 - 8.71	6.99	5.30 - 9.16	0.965
Northwest and Southwest	7.09 ^b	5.58 - 8.98	9.30	7.03 - 12.20	0.069
Oklahoma County	8.22	6.55 - 10.27	7.50	5.71 - 9.80	0.520
Southeast	6.85	5.39 - 8.68	8.27	6.24 - 10.88	0.234
Tulsa County	7.96	6.31 - 10.00	7.82	5.92 - 10.28	0.905
Oregon	7.56	6.54 - 8.73	7.68	6.58 - 8.96	0.863
Region 1 (Multnomah)	9.15	7.41 - 11.24	9.82	7.65 - 12.53	0.610
Region 2	7.65	6.16 - 9.46	6.56	5.05 - 8.49	0.286
Region 3	7.38	6.01 - 9.04	8.04	6.47 - 9.94	0.501
Region 4	6.36	5.00 - 8.05	6.44	4.78 - 8.62	0.935
Region 5 (Central)	--	-- --	7.21	5.33 - 9.69	--
Region 6 (Eastern)	--	-- --	6.70	4.78 - 9.31	--

See notes at end of table.

(continued)

Table 16 Alcohol Dependence or Abuse in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Pennsylvania¹	7.24	6.66 - 7.86	6.68	6.07 - 7.35	0.188
Region 1 (Allegheny)	8.21	6.92 - 9.72	7.68	6.22 - 9.45	0.592
Regions 3, 8, 9, and 51	--	-- --	6.58	5.13 - 8.40	--
Regions 4, 11, 37, and 49	7.35	6.02 - 8.94	5.96	4.68 - 7.56	0.116
Regions 5, 18, 23, 24, and 46	6.33	5.19 - 7.70	5.13	3.89 - 6.73	0.135
Regions 6, 12, 16, 31, 35, 45, and 47	--	-- --	6.39	5.06 - 8.03	--
Regions 7, 13, 20, and 33	6.78	5.80 - 7.92	6.76	5.65 - 8.06	0.975
Regions 10, 15, 27, 32, 43, and 44	--	-- --	6.38	4.93 - 8.22	--
Regions 17 and 21	8.31	6.71 - 10.24	7.02	5.39 - 9.10	0.195
Regions 19, 26, 28, and 42	6.70	5.63 - 7.96	5.50	4.44 - 6.80	0.104
Regions 22, 38, 40, 41, and 48	6.20	5.02 - 7.62	5.57	4.34 - 7.13	0.435
Regions 29 and 34	6.36	5.05 - 7.99	6.02	4.65 - 7.78	0.701
Regions 30 and 50	--	-- --	5.99	4.62 - 7.74	--
Region 36 (Philadelphia)	7.88	6.68 - 9.28	9.46	7.75 - 11.51	0.114
Rhode Island	9.66	8.37 - 11.12	9.28	7.96 - 10.80	0.665
Bristol and Newport	10.45	8.35 - 13.01	9.80	7.48 - 12.73	0.651
Kent	8.83	6.96 - 11.15	9.27	7.00 - 12.18	0.745
Providence	9.49	8.00 - 11.23	9.16	7.60 - 11.01	0.746
Washington	10.71	8.50 - 13.41	9.34	7.18 - 12.07	0.334
South Carolina	7.94 ^a	6.83 - 9.21	6.17	5.18 - 7.32	0.009
Region 1	7.75 ^a	6.22 - 9.62	5.86	4.51 - 7.59	0.042
Region 2	8.11 ^a	6.66 - 9.83	5.76	4.48 - 7.38	0.013
Region 3	7.27	5.62 - 9.36	7.13	5.33 - 9.48	0.901
Region 4	8.41 ^a	6.72 - 10.46	6.28	4.79 - 8.19	0.050
South Dakota	10.64 ^a	9.35 - 12.09	8.49	7.30 - 9.86	0.011
Region 1	--	-- --	8.73	6.86 - 11.07	--
Region 2	--	-- --	10.09	7.38 - 13.65	--
Region 3	--	-- --	8.17	6.43 - 10.32	--
Region 4	--	-- --	8.57	6.51 - 11.20	--
Region 5	--	-- --	7.99	6.35 - 9.99	--
Tennessee	6.28	5.37 - 7.33	5.92	4.97 - 7.03	0.549
Region 1	6.07	4.73 - 7.75	5.40	3.91 - 7.41	0.476
Region 2	6.27	4.90 - 8.00	5.66	4.27 - 7.45	0.488
Region 3	--	-- --	5.44	4.04 - 7.29	--
Region 4 (Davidson)	7.38	5.78 - 9.37	7.36	5.49 - 9.81	0.988
Region 5	--	-- --	6.42	4.94 - 8.31	--
Region 6	6.27	4.84 - 8.11	5.55	4.06 - 7.54	0.442
Region 7 (Shelby)	6.49	5.02 - 8.33	5.45	4.03 - 7.33	0.265

See notes at end of table.

(continued)

Table 16 Alcohol Dependence or Abuse in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Texas	7.59 ^a	7.02 - 8.20	6.53	5.97 - 7.14	0.006
Region 1	8.79 ^b	7.21 - 10.67	7.10	5.57 - 9.01	0.096
Region 2	7.02	5.64 - 8.71	6.63	5.03 - 8.68	0.665
Region 3	7.20	6.36 - 8.14	6.26	5.41 - 7.23	0.105
Region 3a	7.18	6.17 - 8.34	6.01	4.95 - 7.29	0.116
Region 3bc	7.25	6.05 - 8.66	6.68	5.48 - 8.14	0.478
Region 4	6.35	5.07 - 7.92	5.63	4.33 - 7.29	0.368
Region 5	6.69	5.36 - 8.33	6.06	4.65 - 7.88	0.463
Region 6	7.49 ^b	6.51 - 8.62	6.35	5.41 - 7.44	0.087
Region 6a	7.51 ^b	6.43 - 8.75	6.29	5.28 - 7.47	0.090
Region 6bc	7.37	5.96 - 9.08	6.89	5.23 - 9.03	0.636
Region 7	9.65 ^a	8.41 - 11.05	8.09	6.92 - 9.44	0.049
Region 7a	10.03	8.43 - 11.89	8.65	7.07 - 10.55	0.189
Region 7bcd	9.09 ^a	7.62 - 10.81	7.15	5.73 - 8.89	0.041
Region 8	7.43	6.16 - 8.93	6.67	5.45 - 8.14	0.356
Region 9	7.47	6.04 - 9.22	6.97	5.38 - 8.98	0.575
Region 10	7.76	6.24 - 9.63	6.79	5.34 - 8.59	0.290
Region 11	7.16 ^a	6.06 - 8.44	5.63	4.66 - 6.79	0.021
Region 11abd	7.38 ^a	6.04 - 8.98	5.68	4.49 - 7.18	0.037
Region 11c (Hidalgo)	6.73	5.31 - 8.50	5.53	4.23 - 7.20	0.161
Utah	6.56 ^a	5.57 - 7.71	4.65	3.86 - 5.60	0.002
Bear River, Northeastern, Summit, Tooele, and Wasatch	6.84 ^a	5.28 - 8.81	4.22	3.11 - 5.71	0.002
Central, Four Corners, San Juan, and Southwest	5.35	4.02 - 7.08	4.50	3.27 - 6.17	0.300
Davis County	6.20 ^a	4.76 - 8.03	4.33	3.24 - 5.77	0.021
Salt Lake County	7.12 ^a	5.77 - 8.74	5.17	4.03 - 6.59	0.024
Utah County	6.25 ^a	4.94 - 7.88	4.34	3.24 - 5.80	0.016
Weber, Morgan	6.30 ^a	4.77 - 8.27	4.26	3.09 - 5.85	0.016
Vermont	7.86	6.84 - 9.01	6.81	5.81 - 7.96	0.120
Champlain Valley	8.59	7.20 - 10.22	7.18	5.88 - 8.75	0.119
Rural Northeast	7.63	6.19 - 9.38	7.15	5.58 - 9.13	0.635
Rural Southeast	7.06	5.59 - 8.88	6.51	4.94 - 8.53	0.570
Rural Southwest	7.49 ^b	5.95 - 9.40	5.73	4.31 - 7.59	0.070
Virginia	7.40	6.40 - 8.56	6.49	5.53 - 7.61	0.140
Region 1	--	-- --	7.49	5.89 - 9.47	--
Region 2	8.60 ^a	6.83 - 10.78	6.24	4.80 - 8.07	0.022
Region 3	7.52	6.04 - 9.32	7.30	5.62 - 9.43	0.833
Region 4	--	-- --	5.19	3.87 - 6.92	--
Region 5	6.32	4.96 - 8.02	6.50	5.04 - 8.33	0.849

See notes at end of table.

(continued)

Table 16 Alcohol Dependence or Abuse in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Washington¹	7.89	6.87 - 9.05	7.56	6.49 - 8.80	0.623
Region 1	--	-- --	7.33	5.88 - 9.11	--
East 1 (previously Region 1)	7.98	6.43 - 9.87	8.08	6.13 - 10.58	0.930
East 2 (previously Region 2)	7.58	5.95 - 9.60	6.32	4.73 - 8.40	0.208
Region 2	--	-- --	7.72	6.38 - 9.32	--
North 1 (previously Region 3)	7.68	6.10 - 9.61	7.87	6.14 - 10.04	0.853
North 2 (previously Region 4)	8.13	6.61 - 9.98	7.64	6.01 - 9.66	0.623
Region 3	--	-- --	7.49	6.11 - 9.16	--
West 1 (previously Region 5)	7.92	6.32 - 9.87	7.33	5.63 - 9.51	0.587
West 2 (previously Region 6)	7.74	6.18 - 9.66	7.64	5.88 - 9.87	0.927
West Virginia¹	6.94 ^a	6.01 - 8.02	5.55	4.69 - 6.54	0.019
Region I	6.81	5.32 - 8.69	5.44	3.95 - 7.43	0.142
Region II	--	-- --	5.52	4.09 - 7.40	--
Region III	6.47 ^b	5.00 - 8.33	4.84	3.55 - 6.57	0.071
Region IV	--	-- --	7.53	6.05 - 9.34	--
Region V	--	-- --	4.82	3.69 - 6.25	--
Region VI	--	-- --	4.74	3.48 - 6.43	--
Wisconsin	10.65 ^a	9.34 - 12.11	7.24	6.12 - 8.55	0.000
Milwaukee	11.77 ^a	9.53 - 14.46	7.45	5.57 - 9.90	0.002
Northeastern	10.23 ^a	8.41 - 12.39	7.57	5.87 - 9.70	0.022
Northern	9.87 ^a	7.89 - 12.28	7.01	5.02 - 9.70	0.030
Southeastern	9.67 ^a	7.82 - 11.91	7.17	5.38 - 9.50	0.048
Southern	--	-- --	7.48	5.77 - 9.65	--
Western	--	-- --	6.39	4.79 - 8.48	--

See notes at end of table.

(continued)

Table 16 Alcohol Dependence or Abuse in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Wyoming	9.37 ^a	8.26 - 10.60	7.67	6.63 - 8.86	0.017
Judicial District 1 (Laramie)	8.45	6.75 - 10.54	7.03	5.42 - 9.08	0.178
Judicial District 2	13.54 ^b	11.39 - 16.03	11.00	8.72 - 13.78	0.077
Judicial District 3	9.18 ^a	7.44 - 11.28	5.95	4.49 - 7.83	0.003
Judicial District 4	8.47	6.72 - 10.62	7.33	5.46 - 9.77	0.335
Judicial District 5	7.81	6.06 - 10.02	8.14	6.04 - 10.88	0.797
Judicial District 6	9.15 ^a	7.33 - 11.36	6.80	5.14 - 8.95	0.027
Judicial District 7 (Natrona)	9.62	7.73 - 11.91	7.92	6.05 - 10.31	0.162
Judicial District 8	8.02	6.26 - 10.23	7.49	5.65 - 9.87	0.640
Judicial District 9	9.89	7.88 - 12.34	8.27	6.14 - 11.06	0.231

ECBH = East Carolina Behavioral Health; SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2002-2004 and 2010-2012); hence, the 2002-2004 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2010-2012 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=34>.

NOTE: Substate, State, and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques, with their *p* values being the Bayes posterior probability of no change between the 2002-2004 and 2010-2012 estimates. The "Total U.S." estimates, along with the 95 percent confidence intervals and *p* values, are based on design-based (direct) estimation methods.

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

^a Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.10 level.

¹ Names of some of the substate regions for this State have changed across the two time periods (2002-2004 vs. 2010-2012). For details, see the methodology write-up for comparing estimates located below the tables.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2004, 2010, 2011, and 2012 (2010 Data - Revised March 2012).

Table 17 Alcohol Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Total United States	3.39 ^a	3.26 - 3.53	3.20	3.08 - 3.32	0.038
Northeast	3.32	3.08 - 3.59	3.18	2.93 - 3.45	0.382
Midwest	3.61 ^a	3.41 - 3.82	3.20	2.99 - 3.42	0.003
South	3.16 ^a	2.97 - 3.35	2.87	2.66 - 3.09	0.039
West	3.61	3.33 - 3.90	3.74	3.43 - 4.07	0.535
Alabama	2.96	2.38 - 3.67	2.84	2.21 - 3.63	0.764
Region 1	2.90	2.17 - 3.86	2.83	1.95 - 4.08	0.896
Region 2	3.01	2.22 - 4.07	2.88	2.05 - 4.03	0.818
Region 3	3.19	2.30 - 4.41	2.60	1.79 - 3.78	0.323
Region 4	2.78	2.05 - 3.75	2.98	2.06 - 4.28	0.719
Alaska	3.58	2.91 - 4.41	3.58	2.88 - 4.44	0.995
Anchorage	--	-- --	3.80	2.87 - 5.02	--
Northern	--	-- --	3.67	2.63 - 5.10	--
South Central	--	-- --	3.18	2.24 - 4.50	--
Southeast	3.70	2.65 - 5.13	3.50	2.43 - 5.03	0.780
Arizona	4.09	3.34 - 5.00	4.25	3.34 - 5.40	0.773
Maricopa	4.22	3.33 - 5.34	4.31	3.25 - 5.71	0.902
Pima	4.25	3.15 - 5.70	4.08	2.81 - 5.90	0.832
Rural North	3.75	2.73 - 5.12	3.66	2.50 - 5.32	0.904
Rural South	3.51	2.55 - 4.82	4.70	3.15 - 6.97	0.136
Arkansas¹	3.00	2.45 - 3.68	2.91	2.30 - 3.66	0.802
Catchment Area 1	--	-- --	2.68	1.86 - 3.86	--
Catchment Area 2	2.52	1.82 - 3.48	2.67	1.81 - 3.90	0.773
Catchment Area 3	3.20	2.35 - 4.36	2.64	1.75 - 3.96	0.356
Catchment Area 4	--	-- --	2.97	2.00 - 4.41	--
Catchment Area 5	--	-- --	3.15	2.16 - 4.56	--
Catchment Area 6	--	-- --	3.04	2.02 - 4.54	--
Catchment Area 7	--	-- --	2.79	1.88 - 4.11	--
Catchment Area 8	3.23	2.35 - 4.43	3.20	2.23 - 4.59	0.964

See notes at end of table.

(continued)

Table 17 Alcohol Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
California	3.48	3.07 - 3.95	3.69	3.24 - 4.19	0.519
Region 1R	--	-- --	3.82	2.74 - 5.31	--
Region 2R	--	-- --	3.90	2.80 - 5.39	--
Region 3R (Sacramento)	--	-- --	3.67	2.63 - 5.09	--
Region 4R	--	-- --	3.55	2.56 - 4.91	--
Region 5R (San Francisco)	--	-- --	4.48	3.15 - 6.35	--
Region 6 (Santa Clara)	3.20	2.42 - 4.24	3.51	2.52 - 4.88	0.616
Region 7R (Contra Costa)	--	-- --	3.69	2.63 - 5.14	--
Region 8R (Alameda)	--	-- --	3.72	2.70 - 5.11	--
Region 9R (San Mateo)	--	-- --	3.21	2.25 - 4.57	--
Region 10	3.78	2.86 - 4.99	4.07	2.96 - 5.56	0.661
Region 11 (Los Angeles)	3.41	2.77 - 4.18	3.61	3.06 - 4.25	0.651
LA SPA 1 and 5	--	-- --	4.12	2.96 - 5.71	--
LA SPA 2	--	-- --	3.42	2.49 - 4.70	--
LA SPA 3	--	-- --	3.27	2.40 - 4.44	--
LA SPA 4	--	-- --	4.42	3.14 - 6.18	--
LA SPA 6	--	-- --	3.75	2.70 - 5.18	--
LA SPA 7	--	-- --	3.53	2.54 - 4.89	--
LA SPA 8	--	-- --	3.28	2.37 - 4.51	--
Region 12R	--	-- --	3.80	2.68 - 5.38	--
Regions 13 and 19R	--	-- --	3.53	2.64 - 4.71	--
Region 13 (Riverside)	3.10	2.32 - 4.13	3.51	2.58 - 4.76	0.475
Region 19R (Imperial)	--	-- --	3.79	2.65 - 5.39	--
Region 14 (Orange)	3.44	2.64 - 4.47	3.62	2.74 - 4.78	0.761
Region 15R (Fresno)	--	-- --	3.36	2.34 - 4.79	--
Region 16R (San Diego)	--	-- --	3.86	2.93 - 5.06	--
Region 17R	--	-- --	3.83	2.80 - 5.24	--
Region 18R (San Bernardino)	--	-- --	3.51	2.64 - 4.65	--
Region 20R	--	-- --	3.60	2.61 - 4.95	--
Region 21R	--	-- --	4.30	3.12 - 5.89	--
Colorado	4.08	3.35 - 4.97	4.29	3.43 - 5.35	0.708
Region 1	3.68	2.73 - 4.94	4.53	3.21 - 6.36	0.250
Regions 2 and 7	4.28	3.35 - 5.45	4.48	3.39 - 5.90	0.783
Region 3	3.88	2.86 - 5.24	3.87	2.73 - 5.44	0.985
Region 4	3.80	2.77 - 5.19	3.92	2.64 - 5.80	0.871
Regions 5 and 6	3.95	2.88 - 5.40	3.78	2.62 - 5.43	0.829
Connecticut	3.29	2.63 - 4.13	3.05	2.38 - 3.88	0.587
Eastern	3.28	2.34 - 4.57	3.51	2.48 - 4.93	0.714
North Central	3.52	2.52 - 4.88	2.78	1.94 - 3.96	0.259
Northwestern	3.00	2.16 - 4.15	2.71	1.82 - 4.02	0.633
South Central	3.27	2.38 - 4.49	3.45	2.39 - 4.96	0.792
Southwest	3.27	2.33 - 4.57	2.94	2.03 - 4.24	0.610

See notes at end of table.

(continued)

Table 17 Alcohol Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Delaware	3.09	2.51 - 3.80	2.93	2.31 - 3.71	0.714
Kent	3.06	2.23 - 4.19	2.88	1.99 - 4.16	0.757
New Castle (excluding Wilmington City)	3.16	2.45 - 4.06	2.99	2.24 - 3.97	0.739
Sussex	2.45	1.79 - 3.36	2.76	1.90 - 3.99	0.564
Wilmington City	4.12	2.92 - 5.78	3.16	2.12 - 4.67	0.217
District of Columbia	5.15	4.19 - 6.32	5.55	4.48 - 6.85	0.578
Ward 1	5.87	4.28 - 7.99	6.57	4.65 - 9.20	0.573
Ward 2	5.85	4.35 - 7.84	7.45	5.53 - 9.96	0.182
Ward 3	5.56	4.07 - 7.56	6.01	4.28 - 8.39	0.697
Ward 4	4.20	2.92 - 6.00	4.47	3.01 - 6.60	0.771
Ward 5	4.83	3.41 - 6.80	4.99	3.48 - 7.10	0.882
Ward 6	5.37	3.76 - 7.61	5.40	3.69 - 7.86	0.978
Ward 7	4.59	3.22 - 6.52	4.62	3.10 - 6.82	0.983
Ward 8	4.72	3.35 - 6.61	4.53	3.13 - 6.51	0.847
Florida¹	3.03	2.66 - 3.45	2.89	2.47 - 3.37	0.593
Region A - Northwest	--	-- --	3.43	2.71 - 4.33	--
Circuit 1	2.95	2.19 - 3.97	3.06	2.19 - 4.28	0.832
Circuit 2	--	-- --	4.30	3.05 - 6.04	--
Circuit 14	--	-- --	3.11	2.13 - 4.51	--
Region B - Northeast	--	-- --	2.95	2.34 - 3.70	--
Circuits 3 and 8	--	-- --	3.18	2.28 - 4.41	--
Circuit 4	--	-- --	3.05	2.17 - 4.26	--
Circuit 7	--	-- --	2.67	1.86 - 3.82	--
Region C - Central	--	-- --	2.82	2.31 - 3.43	--
Circuit 5	2.22	1.62 - 3.05	2.38	1.62 - 3.47	0.746
Circuit 9	--	-- --	2.93	2.15 - 3.99	--
Circuit 10	2.84	2.12 - 3.79	2.87	2.01 - 4.06	0.960
Circuit 18	--	-- --	3.12	2.26 - 4.31	--
Circuit 19	2.69	1.95 - 3.68	2.79	1.92 - 4.04	0.850
Region D - Southeast	--	-- --	2.62	2.02 - 3.40	--
Circuit 15 (Palm Beach)	2.68	2.00 - 3.58	2.68	1.91 - 3.76	0.994
Circuit 17 (Broward)	3.03	2.28 - 4.02	2.58	1.84 - 3.61	0.399
Region E - Sun Coast	--	-- --	3.08	2.49 - 3.81	--
Circuit 6	--	-- --	2.77	1.94 - 3.95	--
Circuit 12	--	-- --	3.30	2.25 - 4.83	--
Circuit 13 (Hillsborough)	--	-- --	3.46	2.53 - 4.70	--
Circuit 20	2.56	1.88 - 3.47	2.92	2.03 - 4.18	0.492
Region F - Southern (Circuits 11 and 16)	2.95	2.29 - 3.78	2.64	1.96 - 3.55	0.530
Georgia	3.07 ^b	2.46 - 3.83	2.40	1.85 - 3.11	0.084
Region 1	--	-- --	2.39	1.65 - 3.45	--
Region 2	--	-- --	2.44	1.67 - 3.56	--
Region 3	--	-- --	2.29	1.57 - 3.33	--
Region 4	--	-- --	2.40	1.60 - 3.58	--
Region 5	--	-- --	2.65	1.77 - 3.95	--
Region 6	--	-- --	2.42	1.60 - 3.65	--

See notes at end of table.

(continued)

Table 17 Alcohol Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Hawaii	3.49	2.81 - 4.34	3.70	2.91 - 4.70	0.702
Hawaii Island	3.65	2.63 - 5.05	3.69	2.53 - 5.36	0.956
Honolulu	3.44	2.70 - 4.38	3.67	2.80 - 4.80	0.705
Kauai and Maui	3.59	2.58 - 4.98	3.84	2.70 - 5.43	0.743
Kauai	--	-- --	3.38	2.22 - 5.13	--
Maui	--	-- --	4.04	2.70 - 6.00	--
Idaho	3.57	2.95 - 4.32	3.45	2.76 - 4.31	0.772
Region 1	3.47	2.53 - 4.74	3.25	2.21 - 4.75	0.733
Region 2	4.38	3.23 - 5.93	3.83	2.65 - 5.50	0.452
Region 3	3.17	2.32 - 4.30	3.23	2.25 - 4.62	0.918
Region 4	3.72	2.82 - 4.90	3.94	2.82 - 5.48	0.756
Region 5	3.62	2.70 - 4.85	2.88	1.93 - 4.27	0.235
Region 6	3.57	2.66 - 4.76	3.56	2.43 - 5.19	0.997
Region 7	3.29	2.41 - 4.49	3.06	2.10 - 4.44	0.683
Illinois	3.74	3.31 - 4.21	3.34	2.91 - 3.82	0.190
Region I (Cook)	4.02	3.37 - 4.80	3.72	3.08 - 4.48	0.531
Region II	3.41	2.80 - 4.14	2.91	2.33 - 3.63	0.252
Region III	3.88	3.18 - 4.73	3.52	2.72 - 4.54	0.492
Region IV	3.27	2.54 - 4.21	2.73	1.95 - 3.80	0.300
Region V	3.65	2.92 - 4.57	3.35	2.53 - 4.40	0.596
Indiana	3.40	2.80 - 4.13	3.03	2.42 - 3.79	0.344
Central	3.32	2.48 - 4.42	3.16	2.22 - 4.48	0.791
East	3.19	2.33 - 4.36	2.90	2.00 - 4.21	0.611
North Central	3.22	2.35 - 4.38	2.85	1.98 - 4.09	0.519
Northeast	3.21	2.32 - 4.44	2.92	2.00 - 4.23	0.624
Northwest	3.27	2.36 - 4.52	2.86	1.96 - 4.16	0.494
Southeast	3.05	2.24 - 4.15	2.87	1.97 - 4.16	0.738
Southwest	3.52	2.57 - 4.82	2.88	1.96 - 4.20	0.295
West	4.53	3.36 - 6.09	3.58	2.58 - 4.95	0.160
Iowa	3.46	2.87 - 4.17	3.40	2.74 - 4.21	0.887
Central	3.44	2.56 - 4.62	3.20	2.27 - 4.50	0.689
North Central	3.67	2.72 - 4.92	3.93	2.77 - 5.55	0.674
Northeast	3.47	2.64 - 4.55	3.80	2.76 - 5.22	0.605
Northwest	3.17	2.32 - 4.32	2.99	2.06 - 4.33	0.764
Southeast	3.66	2.76 - 4.83	3.22	2.29 - 4.52	0.473
Southwest	3.26	2.39 - 4.43	3.17	2.17 - 4.59	0.883
Kansas	3.18	2.60 - 3.87	2.99	2.38 - 3.76	0.637
Kansas City Metro	3.39	2.57 - 4.46	2.81	2.02 - 3.89	0.277
Northeast	3.17	2.34 - 4.30	3.14	2.19 - 4.49	0.952
South Central	2.88	2.11 - 3.91	3.17	2.17 - 4.61	0.586
Southeast	3.01	2.20 - 4.10	3.29	2.22 - 4.83	0.629
West	2.99	2.19 - 4.09	3.24	2.20 - 4.75	0.680
Wichita (Sedgwick)	3.21	2.39 - 4.30	2.78	1.92 - 4.01	0.447

See notes at end of table.

(continued)

Table 17 Alcohol Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Kentucky	2.94	2.37 - 3.64	2.80	2.20 - 3.56	0.720
Adanta, Cumberland River, and Lifeskills	2.68	1.95 - 3.65	2.53	1.72 - 3.72	0.788
Bluegrass, Comprehend, and North Key	3.23	2.40 - 4.34	3.00	2.15 - 4.16	0.688
Communicare and River Valley	2.81	2.03 - 3.89	2.61	1.75 - 3.86	0.698
Four Rivers and Pennyroyal	2.74	1.96 - 3.82	2.89	1.93 - 4.31	0.794
Kentucky River, Mountain, and Pathways	2.79	2.00 - 3.87	2.51	1.66 - 3.77	0.604
Seven Counties	3.02	2.18 - 4.16	2.96	2.05 - 4.26	0.921
Louisiana	3.70 ^b	3.06 - 4.47	2.98	2.37 - 3.75	0.083
Regions 1 and 10	--	-- --	2.98	2.18 - 4.08	--
Region 1	4.56 ^b	3.29 - 6.30	3.14	2.13 - 4.60	0.058
Region 10 (Jefferson)	3.92	2.89 - 5.31	2.83	1.90 - 4.20	0.106
Regions 2 and 9	3.71	2.84 - 4.83	2.90	2.07 - 4.04	0.170
Region 3	3.48	2.50 - 4.81	2.71	1.83 - 4.00	0.218
Regions 4, 5, and 6	--	-- --	3.09	2.20 - 4.32	--
Regions 7 and 8	3.47	2.60 - 4.62	3.09	2.19 - 4.36	0.513
Maine¹	3.35	2.76 - 4.06	2.97	2.35 - 3.74	0.349
Aroostook/Downeast	--	-- --	2.73	1.96 - 3.80	--
Aroostook	--	-- --	2.76	1.85 - 4.12	--
Downeast	--	-- --	2.70	1.76 - 4.13	--
Central	--	-- --	2.94	1.99 - 4.34	--
Cumberland	3.81	2.84 - 5.08	3.24	2.24 - 4.65	0.401
Midcoast	2.98	2.15 - 4.12	2.60	1.72 - 3.92	0.504
Penquis	--	-- --	3.44	2.42 - 4.87	--
Western	--	-- --	2.94	2.03 - 4.25	--
York	3.07	2.24 - 4.19	2.68	1.81 - 3.95	0.503
Maryland	3.51 ^a	2.83 - 4.34	2.58	1.99 - 3.33	0.042
Anne Arundel	3.22	2.32 - 4.46	2.58	1.71 - 3.89	0.293
Baltimore City	4.71 ^a	3.34 - 6.60	2.67	1.80 - 3.95	0.011
Baltimore County	--	-- --	2.69	1.84 - 3.92	--
Montgomery	3.19	2.29 - 4.42	2.48	1.65 - 3.71	0.264
North Central	--	-- --	2.46	1.64 - 3.67	--
Northeast	--	-- --	2.53	1.67 - 3.81	--
Prince George's	3.74 ^b	2.68 - 5.21	2.52	1.70 - 3.72	0.070
South	--	-- --	2.67	1.80 - 3.92	--
West	--	-- --	2.67	1.80 - 3.94	--

See notes at end of table.

(continued)

Table 17 Alcohol Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Massachusetts	3.94	3.24 - 4.77	3.74	3.05 - 4.59	0.689
Boston	5.11	3.75 - 6.93	5.04	3.67 - 6.89	0.940
Central	3.42	2.45 - 4.76	3.96	2.80 - 5.57	0.440
Metrowest	4.15	3.10 - 5.55	3.47	2.45 - 4.89	0.352
Northeast	3.48	2.54 - 4.75	3.55	2.53 - 4.95	0.918
Southeast	3.67	2.75 - 4.89	3.31	2.33 - 4.67	0.585
Western	4.02	2.98 - 5.40	3.76	2.69 - 5.24	0.704
Michigan¹	3.71	3.30 - 4.17	3.48	3.05 - 3.97	0.438
Detroit City	4.79	3.62 - 6.31	4.11	3.01 - 5.59	0.418
Genesee	3.59	2.71 - 4.74	3.03	2.15 - 4.26	0.375
Kalamazoo	--	-- --	3.02	2.16 - 4.21	--
Kent	4.25	3.27 - 5.53	3.89	2.87 - 5.25	0.582
Lakeshore	--	-- --	3.89	2.88 - 5.23	--
Macomb	3.61	2.79 - 4.65	3.60	2.65 - 4.87	0.992
Mid South	--	-- --	3.33	2.51 - 4.40	--
Northern	3.37	2.62 - 4.33	3.30	2.42 - 4.49	0.899
Oakland	3.39	2.67 - 4.30	3.26	2.46 - 4.31	0.816
Pathways and Western	--	-- --	3.73	2.68 - 5.18	--
Riverhaven	3.34	2.50 - 4.47	3.70	2.67 - 5.10	0.573
Saginaw	3.45	2.55 - 4.65	3.19	2.25 - 4.52	0.672
Southeast	3.67	2.87 - 4.68	3.45	2.60 - 4.56	0.703
St. Clair	3.08	2.28 - 4.13	3.14	2.19 - 4.50	0.909
Washtenaw	3.40	2.58 - 4.47	3.53	2.62 - 4.74	0.825
Minnesota	3.61	2.98 - 4.36	3.38	2.70 - 4.22	0.581
Regions 1 and 2	3.47	2.57 - 4.66	3.09	2.09 - 4.54	0.522
Regions 3 and 4	3.75	2.80 - 5.02	3.51	2.45 - 5.03	0.727
Regions 5 and 6	3.51	2.63 - 4.69	3.32	2.31 - 4.74	0.758
Region 7A (Hennepin)	3.65	2.69 - 4.93	3.84	2.71 - 5.42	0.787
Region 7B (Ramsey)	4.31	3.15 - 5.88	3.38	2.28 - 4.98	0.205
Region 7C	3.24	2.37 - 4.42	2.99	2.11 - 4.22	0.665
Mississippi	3.17	2.52 - 3.98	2.81	2.20 - 3.58	0.402
Region 1	2.76	1.96 - 3.87	2.75	1.90 - 3.94	0.977
Region 2	3.57	2.47 - 5.15	2.95	1.94 - 4.46	0.423
Region 3	3.06	2.17 - 4.30	2.86	1.97 - 4.14	0.736
Region 4	3.58	2.54 - 5.04	2.84	1.94 - 4.14	0.294
Region 5	3.19	2.19 - 4.63	2.68	1.75 - 4.08	0.433
Region 6	3.07	2.19 - 4.28	2.92	1.98 - 4.28	0.803
Region 7	3.05	2.18 - 4.26	2.67	1.81 - 3.93	0.520

See notes at end of table.

(continued)

Table 17 Alcohol Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Missouri	3.45	2.85 - 4.17	2.81	2.21 - 3.56	0.104
Central	3.42	2.56 - 4.56	2.98	2.07 - 4.28	0.448
Eastern	3.68 ^b	2.84 - 4.77	2.81	2.08 - 3.80	0.099
Eastern (St. Louis City and County)	4.02 ^b	2.95 - 5.44	2.76	1.92 - 3.95	0.056
Eastern (excluding St. Louis)	3.00	2.20 - 4.10	2.90	1.98 - 4.23	0.849
Northwest	3.51	2.75 - 4.48	2.77	2.03 - 3.77	0.131
Northwest (Jackson)	3.80	2.78 - 5.16	2.80	1.91 - 4.08	0.122
Northwest (excluding Jackson)	3.26	2.40 - 4.41	2.75	1.88 - 4.01	0.354
Southeast	3.06	2.25 - 4.13	2.80	1.88 - 4.17	0.663
Southwest	3.13	2.37 - 4.14	2.71	1.84 - 3.97	0.432
Montana	4.17	3.43 - 5.05	3.54	2.85 - 4.40	0.224
Region 1	3.77	2.72 - 5.21	3.39	2.30 - 4.96	0.599
Region 2	3.95	2.90 - 5.34	3.81	2.67 - 5.40	0.858
Region 3	3.78	2.84 - 5.00	3.57	2.61 - 4.87	0.752
Region 4	4.10	3.14 - 5.33	3.90	2.87 - 5.27	0.770
Region 5	4.72 ^a	3.60 - 6.16	3.13	2.22 - 4.40	0.031
Nebraska	3.85 ^a	3.15 - 4.71	2.74	2.15 - 3.48	0.010
Regions 1 and 2	3.21	2.38 - 4.32	2.75	1.97 - 3.82	0.362
Region 1	--	-- --	2.75	1.84 - 4.10	--
Region 2	--	-- --	2.74	1.82 - 4.11	--
Region 3	3.30	2.41 - 4.50	2.73	1.86 - 4.00	0.312
Region 4	3.30	2.40 - 4.53	2.56	1.75 - 3.72	0.176
Region 5	4.29 ^a	3.23 - 5.68	2.92	2.08 - 4.08	0.027
Region 6	4.13 ^a	3.13 - 5.42	2.68	1.94 - 3.69	0.017
Nevada¹	3.58	2.86 - 4.47	4.22	3.32 - 5.34	0.253
Clark – Region 1	3.61	2.80 - 4.65	4.03	3.05 - 5.31	0.514
Region 3	2.95	2.15 - 4.04	3.83	2.75 - 5.31	0.148
Capital District	--	-- --	3.82	2.59 - 5.59	--
Rural/Frontier	--	-- --	3.84	2.53 - 5.79	--
Washoe – Region 2	3.97	2.93 - 5.38	5.39	3.83 - 7.52	0.118
New Hampshire	3.50	2.85 - 4.28	3.16	2.53 - 3.95	0.447
Central	3.46	2.71 - 4.42	2.93	2.19 - 3.91	0.274
Central 1	3.75	2.81 - 5.00	3.11	2.20 - 4.38	0.284
Central 2	3.18	2.31 - 4.35	2.75	1.87 - 4.03	0.457
Northern	3.48	2.53 - 4.78	3.16	2.15 - 4.61	0.626
Southern	3.51	2.77 - 4.45	3.28	2.52 - 4.25	0.654
Southern 1 (Rockingham)	3.39	2.46 - 4.66	3.02	2.10 - 4.31	0.556
Southern 2	3.59	2.73 - 4.70	3.44	2.54 - 4.66	0.814
New Jersey	2.85	2.25 - 3.60	2.69	2.09 - 3.45	0.698
Central	2.75	2.02 - 3.73	2.55	1.73 - 3.75	0.717
Metropolitan	3.02	2.17 - 4.19	2.95	2.05 - 4.24	0.902
Northern	2.70	1.94 - 3.74	2.58	1.81 - 3.68	0.829
Southern	2.98	2.15 - 4.11	2.71	1.88 - 3.89	0.634

See notes at end of table.

(continued)

Table 17 Alcohol Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
New Mexico	4.26	3.45 - 5.25	3.56	2.84 - 4.46	0.187
Region 1	3.74	2.71 - 5.13	3.29	2.34 - 4.63	0.520
Region 2	4.31	3.11 - 5.93	3.17	2.16 - 4.65	0.124
Region 3 (Bernalillo)	4.73	3.61 - 6.17	4.05	2.96 - 5.53	0.386
Region 4	4.06	2.98 - 5.51	3.17	2.18 - 4.57	0.177
Region 5	4.15	3.13 - 5.50	3.58	2.55 - 5.01	0.400
New York	3.44	3.00 - 3.94	3.31	2.87 - 3.81	0.673
Region A	3.72	3.12 - 4.44	3.44	2.87 - 4.12	0.488
Region 1	3.59	2.67 - 4.81	3.39	2.49 - 4.62	0.759
Region 2	3.66	2.79 - 4.77	3.24	2.45 - 4.27	0.488
Region 3	5.07	3.81 - 6.72	3.92	2.84 - 5.39	0.163
Region 4	2.93	2.17 - 3.95	3.36	2.46 - 4.58	0.474
Region B	--	-- --	3.09	2.50 - 3.80	--
Region 5	2.67	2.04 - 3.50	3.12	2.38 - 4.09	0.364
Region 6	3.53	2.63 - 4.72	3.06	2.18 - 4.28	0.430
Region 7	3.44	2.61 - 4.53	3.01	2.17 - 4.17	0.444
Region C	--	-- --	3.37	2.81 - 4.03	--
Region 8	3.43	2.63 - 4.48	3.57	2.62 - 4.84	0.825
Region 9	3.62	2.76 - 4.74	3.38	2.48 - 4.60	0.694
Region 10	3.33	2.52 - 4.38	3.24	2.30 - 4.54	0.886
Region 11	3.28	2.50 - 4.29	3.55	2.59 - 4.86	0.643
Region 12	3.34	2.55 - 4.36	3.05	2.20 - 4.23	0.611
Region D	3.35	2.74 - 4.09	3.18	2.52 - 4.01	0.687
Region 13	3.40	2.47 - 4.65	2.93	2.04 - 4.19	0.460
Region 14	3.57	2.65 - 4.79	3.68	2.61 - 5.17	0.869
Region 15	3.10	2.33 - 4.10	2.91	2.06 - 4.10	0.719
North Carolina	3.02	2.40 - 3.78	2.40	1.83 - 3.15	0.129
Alliance	--	-- --	2.21	1.48 - 3.27	--
Cardinal Innovations	--	-- --	2.37	1.58 - 3.54	--
CenterPoint/Guilford	--	-- --	2.41	1.69 - 3.42	--
CenterPoint	--	-- --	2.31	1.49 - 3.57	--
Guilford	--	-- --	2.51	1.64 - 3.82	--
CoastalCare	--	-- --	2.62	1.70 - 4.01	--
Eastpointe	--	-- --	2.39	1.55 - 3.65	--
ECBH	--	-- --	2.42	1.57 - 3.70	--
MeckLINK	--	-- --	2.62	1.69 - 4.05	--
Partners	--	-- --	2.37	1.55 - 3.62	--
Sandhills	--	-- --	2.36	1.53 - 3.64	--
Smoky Mountain	--	-- --	2.46	1.57 - 3.84	--
Western Highlands	--	-- --	2.47	1.61 - 3.79	--

See notes at end of table.

(continued)

Table 17 Alcohol Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
North Dakota	3.94	3.28 - 4.72	3.54	2.87 - 4.35	0.362
Badlands and West Central Lake Region and South Central	3.67	2.78 - 4.83	3.28	2.34 - 4.59	0.547
North Central and Northwest	3.22	2.38 - 4.34	3.15	2.17 - 4.54	0.898
Northeast	3.64	2.73 - 4.84	3.69	2.66 - 5.11	0.930
Southeast	4.66	3.55 - 6.10	4.05	2.95 - 5.53	0.389
	4.46	3.45 - 5.74	3.64	2.71 - 4.87	0.206
Ohio	3.27	2.87 - 3.73	3.11	2.71 - 3.56	0.558
Boards 2, 46, 55, and 68	2.73	2.05 - 3.63	2.51	1.75 - 3.57	0.653
Boards 3, 52, and 85	2.70	2.00 - 3.62	2.95	2.06 - 4.19	0.619
Boards 4 and 78	3.08	2.30 - 4.10	3.16	2.17 - 4.58	0.891
Boards 5 and 60	3.39	2.58 - 4.44	3.41	2.47 - 4.70	0.971
Boards 7, 15, 41, 79, and 84	3.10	2.32 - 4.13	2.98	2.13 - 4.15	0.828
Boards 8, 13, and 83	2.75	2.06 - 3.66	2.71	1.92 - 3.81	0.944
Board 9 (Butler)	3.34	2.56 - 4.35	3.81	2.70 - 5.36	0.462
Board 12	3.34	2.55 - 4.37	3.21	2.27 - 4.52	0.820
Boards 18 and 47	3.41	2.66 - 4.36	2.98	2.27 - 3.91	0.429
Boards 20, 32, 54, and 69	2.97	2.23 - 3.94	2.78	1.92 - 4.01	0.718
Boards 21, 39, 51, 70, and 80	2.97	2.20 - 4.01	2.66	1.87 - 3.76	0.551
Boards 22, 74, and 87	3.15	2.37 - 4.19	3.06	2.19 - 4.26	0.865
Boards 23 and 45	2.91	2.17 - 3.89	3.19	2.27 - 4.48	0.604
Board 25 (Franklin)	3.98	3.15 - 5.02	3.85	2.92 - 5.06	0.839
Boards 27, 71, and 73	2.96	2.24 - 3.91	2.87	2.04 - 4.03	0.871
Boards 28, 43, and 67	3.52 ^b	2.66 - 4.65	2.58	1.81 - 3.67	0.098
Board 31 (Hamilton)	3.26	2.45 - 4.32	2.96	2.14 - 4.06	0.581
Board 48 (Lucas)	3.46	2.64 - 4.54	3.63	2.55 - 5.13	0.806
Boards 50 and 76	3.32	2.50 - 4.39	3.17	2.31 - 4.33	0.787
Board 57 (Montgomery)	3.38	2.56 - 4.44	3.17	2.28 - 4.39	0.719
Board 77 (Summit)	3.39	2.54 - 4.52	3.24	2.36 - 4.44	0.802
Oklahoma	3.24	2.64 - 3.96	3.24	2.56 - 4.08	0.998
Central	3.22	2.34 - 4.42	3.22	2.18 - 4.75	0.999
East Central	2.65	1.93 - 3.64	3.16	2.10 - 4.72	0.391
Northeast	2.90	2.14 - 3.92	2.97	2.10 - 4.19	0.892
Northwest and Southwest	3.18	2.35 - 4.30	3.56	2.46 - 5.12	0.533
Oklahoma County	3.78	2.77 - 5.13	3.15	2.20 - 4.48	0.321
Southeast	2.93	2.14 - 4.01	3.38	2.30 - 4.93	0.471
Tulsa County	3.64	2.68 - 4.93	3.22	2.19 - 4.72	0.525
Oregon	3.62	2.98 - 4.38	3.86	3.07 - 4.84	0.615
Region 1 (Multnomah)	4.41	3.35 - 5.80	4.63	3.28 - 6.50	0.798
Region 2	3.70	2.76 - 4.93	3.42	2.40 - 4.86	0.689
Region 3	3.55	2.70 - 4.66	4.22	3.08 - 5.74	0.332
Region 4	2.88	2.12 - 3.91	3.04	2.02 - 4.56	0.786
Region 5 (Central)	--	-- --	3.60	2.38 - 5.41	--
Region 6 (Eastern)	--	-- --	3.40	2.18 - 5.26	--

See notes at end of table.

(continued)

Table 17 Alcohol Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Pennsylvania¹	3.05	2.68 - 3.47	3.02	2.60 - 3.49	0.895
Region 1 (Allegheny)	3.38	2.62 - 4.37	2.97	2.19 - 4.01	0.448
Regions 3, 8, 9, and 51	--	-- --	3.01	2.16 - 4.19	--
Regions 4, 11, 37, and 49	2.79	2.15 - 3.61	2.58	1.84 - 3.60	0.641
Regions 5, 18, 23, 24, and 46	2.70	2.07 - 3.52	2.66	1.88 - 3.77	0.941
Regions 6, 12, 16, 31, 35, 45, and 47	--	-- --	2.65	1.91 - 3.68	--
Regions 7, 13, 20, and 33	2.99	2.36 - 3.78	3.01	2.31 - 3.91	0.963
Regions 10, 15, 27, 32, 43, and 44	--	-- --	2.89	2.06 - 4.04	--
Regions 17 and 21	3.22	2.40 - 4.31	3.12	2.22 - 4.38	0.848
Regions 19, 26, 28, and 42	2.80	2.20 - 3.57	2.84	2.11 - 3.81	0.937
Regions 22, 38, 40, 41, and 48	2.59	1.93 - 3.47	2.57	1.83 - 3.59	0.953
Regions 29 and 34	2.70	2.01 - 3.63	2.84	2.03 - 3.97	0.777
Regions 30 and 50	--	-- --	2.79	2.00 - 3.88	--
Region 36 (Philadelphia)	3.77	2.92 - 4.85	4.30	3.18 - 5.79	0.445
Rhode Island	4.21	3.42 - 5.16	3.95	3.17 - 4.92	0.635
Bristol and Newport	4.09	2.99 - 5.58	4.78	3.27 - 6.94	0.432
Kent	3.53	2.55 - 4.87	3.36	2.31 - 4.85	0.807
Providence	4.43	3.46 - 5.64	3.91	2.99 - 5.09	0.441
Washington	4.17	3.08 - 5.62	4.08	2.88 - 5.75	0.900
South Carolina	3.70	3.01 - 4.54	3.31	2.55 - 4.29	0.461
Region 1	3.55	2.63 - 4.76	2.79	1.84 - 4.19	0.264
Region 2	3.76	2.89 - 4.89	3.12	2.19 - 4.41	0.334
Region 3	3.47	2.46 - 4.88	4.49	2.92 - 6.82	0.277
Region 4	3.93	2.91 - 5.29	3.28	2.29 - 4.68	0.371
South Dakota	4.71 ^a	3.85 - 5.77	3.52	2.81 - 4.39	0.034
Region 1	--	-- --	3.62	2.58 - 5.07	--
Region 2	--	-- --	4.06	2.72 - 6.01	--
Region 3	--	-- --	3.50	2.49 - 4.91	--
Region 4	--	-- --	3.21	2.19 - 4.68	--
Region 5	--	-- --	3.40	2.44 - 4.72	--
Tennessee	2.85	2.25 - 3.60	2.91	2.26 - 3.74	0.881
Region 1	2.56	1.79 - 3.65	2.66	1.75 - 4.00	0.867
Region 2	2.81	2.02 - 3.91	2.65	1.81 - 3.87	0.759
Region 3	--	-- --	2.77	1.83 - 4.17	--
Region 4 (Davidson)	3.58	2.54 - 5.03	3.12	2.10 - 4.63	0.513
Region 5	--	-- --	3.26	2.28 - 4.64	--
Region 6	2.92	2.05 - 4.14	2.84	1.88 - 4.28	0.897
Region 7 (Shelby)	3.11	2.13 - 4.52	2.84	1.88 - 4.27	0.705

See notes at end of table.

(continued)

Table 17 Alcohol Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	<i>P</i> Value
Texas	3.06	2.69 - 3.47	2.97	2.57 - 3.42	0.735
Region 1	3.46	2.66 - 4.49	3.36	2.41 - 4.67	0.855
Region 2	2.97	2.25 - 3.90	3.06	2.13 - 4.37	0.862
Region 3	2.93	2.45 - 3.51	2.71	2.18 - 3.38	0.533
Region 3a	2.77	2.19 - 3.50	2.68	2.01 - 3.55	0.820
Region 3bc	3.21	2.51 - 4.10	2.78	2.10 - 3.67	0.368
Region 4	2.47	1.84 - 3.31	2.84	1.99 - 4.03	0.448
Region 5	2.76	2.04 - 3.71	2.82	1.98 - 4.00	0.906
Region 6	3.11	2.54 - 3.81	2.97	2.34 - 3.77	0.740
Region 6a	3.12	2.50 - 3.89	2.98	2.30 - 3.84	0.755
Region 6bc	3.05	2.29 - 4.06	2.94	2.05 - 4.18	0.822
Region 7	3.76	3.08 - 4.59	3.19	2.52 - 4.02	0.186
Region 7a	3.96	3.07 - 5.08	3.21	2.38 - 4.31	0.181
Region 7bcd	3.48	2.70 - 4.47	3.15	2.31 - 4.26	0.540
Region 8	2.88	2.22 - 3.73	3.33	2.49 - 4.46	0.368
Region 9	2.86	2.16 - 3.78	3.07	2.17 - 4.32	0.687
Region 10	3.12	2.36 - 4.12	3.38	2.45 - 4.66	0.626
Region 11	2.87	2.29 - 3.59	2.74	2.11 - 3.55	0.756
Region 11abd	2.97	2.26 - 3.88	2.75	1.98 - 3.79	0.646
Region 11c (Hidalgo)	2.66	1.98 - 3.56	2.73	1.93 - 3.83	0.888
Utah	3.24 ^b	2.65 - 3.96	2.54	1.99 - 3.24	0.064
Bear River, Northeastern, Summit, Tooele, and Wasatch	3.02	2.21 - 4.11	2.63	1.82 - 3.80	0.455
Central, Four Corners, San Juan, and Southwest	2.74	1.98 - 3.78	2.77	1.86 - 4.11	0.954
Davis County	3.07	2.24 - 4.18	2.57	1.73 - 3.79	0.360
Salt Lake County	3.60 ^a	2.74 - 4.71	2.47	1.77 - 3.43	0.037
Utah County	3.02	2.22 - 4.08	2.48	1.74 - 3.53	0.287
Weber, Morgan	3.21	2.33 - 4.40	2.48	1.66 - 3.69	0.178
Vermont	3.45	2.81 - 4.23	2.95	2.33 - 3.72	0.236
Champlain Valley	3.60	2.77 - 4.67	3.01	2.22 - 4.08	0.296
Rural Northeast	3.61	2.65 - 4.89	3.01	2.11 - 4.27	0.352
Rural Southeast	3.02	2.17 - 4.17	2.86	2.00 - 4.08	0.787
Rural Southwest	3.44	2.52 - 4.68	2.80	1.92 - 4.07	0.287
Virginia	3.46	2.81 - 4.24	3.14	2.50 - 3.93	0.442
Region 1	--	-- --	3.52	2.54 - 4.86	--
Region 2	3.81 ^b	2.79 - 5.18	2.78	1.95 - 3.96	0.099
Region 3	3.38	2.53 - 4.52	3.68	2.60 - 5.19	0.652
Region 4	--	-- --	2.80	1.91 - 4.08	--
Region 5	3.19	2.32 - 4.37	3.14	2.22 - 4.44	0.941

See notes at end of table.

(continued)

Table 17 Alcohol Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	<i>P</i>Value
Washington¹	3.40	2.77 - 4.16	3.48	2.80 - 4.32	0.844
Region 1	--	-- --	3.61	2.67 - 4.88	--
East 1 (previously Region 1)	3.49	2.60 - 4.68	3.96	2.73 - 5.71	0.490
East 2 (previously Region 2)	3.10	2.22 - 4.30	3.14	2.14 - 4.61	0.937
Region 2	--	-- --	3.50	2.69 - 4.55	--
North 1 (previously Region 3)	3.43	2.53 - 4.65	3.89	2.77 - 5.43	0.488
North 2 (previously Region 4)	3.47	2.59 - 4.64	3.28	2.37 - 4.52	0.759
Region 3	--	-- --	3.37	2.55 - 4.43	--
West 1 (previously Region 5)	3.41	2.50 - 4.65	3.41	2.42 - 4.79	1.000
West 2 (previously Region 6)	3.31	2.42 - 4.52	3.32	2.35 - 4.69	0.983
West Virginia¹	3.12	2.56 - 3.81	2.96	2.34 - 3.75	0.688
Region I	3.07	2.20 - 4.27	2.82	1.88 - 4.19	0.680
Region II	--	-- --	2.84	1.90 - 4.22	--
Region III	2.89	2.09 - 4.00	2.60	1.70 - 3.97	0.617
Region IV	--	-- --	3.75	2.72 - 5.17	--
Region V	--	-- --	2.67	1.89 - 3.75	--
Region VI	--	-- --	2.83	1.91 - 4.17	--
Wisconsin	4.29 ^a	3.52 - 5.21	3.05	2.37 - 3.91	0.009
Milwaukee	4.82 ^a	3.55 - 6.52	3.07	2.05 - 4.58	0.029
Northeastern	4.28 ^a	3.18 - 5.75	2.86	1.98 - 4.12	0.039
Northern	3.91	2.83 - 5.37	2.97	1.93 - 4.53	0.190
Southeastern	3.91	2.90 - 5.26	3.35	2.24 - 4.99	0.438
Southern	--	-- --	3.17	2.20 - 4.54	--
Western	--	-- --	2.71	1.82 - 4.02	--

See notes at end of table.

(continued)

Table 17 Alcohol Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		<i>P</i> Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Wyoming	3.65	2.99 - 4.44	3.66	2.97 - 4.49	0.978
Judicial District 1 (Laramie)	3.52	2.58 - 4.77	3.54	2.49 - 5.01	0.971
Judicial District 2	4.75	3.54 - 6.35	4.49	3.26 - 6.16	0.746
Judicial District 3	3.60	2.65 - 4.87	3.25	2.25 - 4.68	0.597
Judicial District 4	3.40	2.44 - 4.74	3.29	2.25 - 4.79	0.859
Judicial District 5	3.23	2.33 - 4.48	3.90	2.66 - 5.68	0.331
Judicial District 6	3.69	2.69 - 5.04	3.36	2.33 - 4.81	0.597
Judicial District 7 (Natrona)	3.52	2.55 - 4.83	3.90	2.77 - 5.46	0.567
Judicial District 8	3.11	2.25 - 4.29	3.50	2.37 - 5.15	0.538
Judicial District 9	3.88	2.79 - 5.36	3.73	2.57 - 5.38	0.844

ECBH = East Carolina Behavioral Health; SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2002-2004 and 2010-2012); hence, the 2002-2004 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2010-2012 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=34>.

NOTE: Substate, State, and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques, with their *p* values being the Bayes posterior probability of no change between the 2002-2004 and 2010-2012 estimates. The "Total U.S." estimates, along with the 95 percent confidence intervals and *p* values, are based on design-based (direct) estimation methods.

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

^a Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.10 level.

¹ Names of some of the substate regions for this State have changed across the two time periods (2002-2004 vs. 2010-2012). For details, see the methodology write-up for comparing estimates located below the tables.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2004, 2010, 2011, and 2012 (2010 Data - Revised March 2012).

Table 18 *Illicit Drug Dependence or Abuse in the Past Year* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	<i>P</i>Value
Total United States	2.99 ^a	2.88 - 3.09	2.72	2.61 - 2.82	0.000
Northeast	3.00 ^a	2.80 - 3.21	2.73	2.54 - 2.93	0.032
Midwest	2.87 ^a	2.72 - 3.03	2.59	2.44 - 2.74	0.004
South	2.94 ^a	2.78 - 3.10	2.62	2.48 - 2.77	0.002
West	3.17	2.94 - 3.42	2.98	2.78 - 3.19	0.198
Alabama	2.84	2.33 - 3.45	2.53	2.05 - 3.11	0.310
Region 1	2.80	2.11 - 3.71	2.49	1.86 - 3.34	0.461
Region 2	3.01	2.27 - 3.97	2.60	1.99 - 3.40	0.364
Region 3	2.74	2.00 - 3.74	2.45	1.85 - 3.24	0.513
Region 4	2.73	2.08 - 3.58	2.52	1.89 - 3.34	0.603
Alaska	3.35 ^a	2.78 - 4.03	2.63	2.21 - 3.14	0.028
Anchorage	--	-- --	2.75	2.20 - 3.43	--
Northern	--	-- --	2.73	2.12 - 3.50	--
South Central	--	-- --	2.50	1.90 - 3.27	--
Southeast	3.20 ^a	2.36 - 4.33	2.32	1.75 - 3.07	0.034
Arizona	3.28	2.71 - 3.98	3.09	2.56 - 3.73	0.577
Maricopa	3.24	2.59 - 4.04	3.21	2.57 - 4.00	0.957
Pima	3.39	2.50 - 4.58	3.19	2.42 - 4.21	0.695
Rural North	3.18	2.35 - 4.29	2.65	2.00 - 3.50	0.234
Rural South	3.48	2.52 - 4.79	2.82	2.10 - 3.78	0.187
Arkansas¹	3.12	2.58 - 3.76	2.76	2.30 - 3.31	0.234
Catchment Area 1	--	-- --	2.52	1.93 - 3.30	--
Catchment Area 2	2.85	2.11 - 3.84	2.30	1.72 - 3.09	0.187
Catchment Area 3	3.26	2.42 - 4.37	2.57	1.93 - 3.41	0.138
Catchment Area 4	--	-- --	2.51	1.87 - 3.36	--
Catchment Area 5	--	-- --	2.84	2.13 - 3.78	--
Catchment Area 6	--	-- --	3.51	2.52 - 4.86	--
Catchment Area 7	--	-- --	2.54	1.87 - 3.45	--
Catchment Area 8	3.43	2.58 - 4.55	3.23	2.47 - 4.21	0.697

See notes at end of table.

(continued)

Table 18 *Illicit Drug Dependence or Abuse in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)*

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
California	3.16	2.80 - 3.56	3.03	2.73 - 3.36	0.552
Region 1R	--	-- --	3.47	2.72 - 4.41	--
Region 2R	--	-- --	3.38	2.70 - 4.23	--
Region 3R (Sacramento)	--	-- --	3.26	2.56 - 4.14	--
Region 4R	--	-- --	3.28	2.59 - 4.15	--
Region 5R (San Francisco)	--	-- --	3.40	2.60 - 4.43	--
Region 6 (Santa Clara)	3.01 ^b	2.30 - 3.94	2.32	1.81 - 2.98	0.068
Region 7R (Contra Costa)	--	-- --	2.88	2.25 - 3.68	--
Region 8R (Alameda)	--	-- --	2.81	2.21 - 3.56	--
Region 9R (San Mateo)	--	-- --	2.31	1.77 - 3.02	--
Region 10	3.47	2.68 - 4.50	3.27	2.56 - 4.18	0.664
Region 11 (Los Angeles)	3.03	2.51 - 3.65	2.93	2.58 - 3.34	0.765
LA SPA 1 and 5	--	-- --	3.17	2.47 - 4.06	--
LA SPA 2	--	-- --	2.79	2.21 - 3.51	--
LA SPA 3	--	-- --	2.69	2.14 - 3.39	--
LA SPA 4	--	-- --	2.92	2.25 - 3.78	--
LA SPA 6	--	-- --	3.60	2.82 - 4.57	--
LA SPA 7	--	-- --	2.90	2.28 - 3.67	--
LA SPA 8	--	-- --	2.88	2.28 - 3.63	--
Region 12R	--	-- --	3.08	2.37 - 3.98	--
Regions 13 and 19R	--	-- --	2.97	2.43 - 3.64	--
Region 13 (Riverside)	3.02	2.32 - 3.94	2.96	2.39 - 3.66	0.872
Region 19R (Imperial)	--	-- --	3.14	2.36 - 4.17	--
Region 14 (Orange)	3.00	2.33 - 3.86	2.89	2.35 - 3.55	0.768
Region 15R (Fresno)	--	-- --	3.56	2.73 - 4.64	--
Region 16R (San Diego)	--	-- --	3.12	2.52 - 3.85	--
Region 17R	--	-- --	3.33	2.62 - 4.22	--
Region 18R (San Bernardino)	--	-- --	2.92	2.31 - 3.68	--
Region 20R	--	-- --	3.34	2.61 - 4.26	--
Region 21R	--	-- --	3.38	2.65 - 4.29	--
Colorado	3.25	2.70 - 3.91	3.21	2.70 - 3.83	0.924
Region 1	3.48	2.64 - 4.56	3.16	2.39 - 4.17	0.525
Regions 2 and 7	3.30	2.62 - 4.14	3.39	2.75 - 4.17	0.833
Region 3	3.13	2.33 - 4.19	3.06	2.32 - 4.02	0.882
Region 4	3.27	2.34 - 4.57	3.08	2.24 - 4.22	0.721
Regions 5 and 6	2.88	2.13 - 3.88	2.66	2.00 - 3.53	0.591
Connecticut	3.02	2.48 - 3.67	2.91	2.39 - 3.54	0.737
Eastern	3.33	2.48 - 4.46	2.96	2.22 - 3.95	0.466
North Central	3.04	2.29 - 4.02	2.88	2.19 - 3.76	0.728
Northwestern	3.00	2.24 - 4.01	2.91	2.19 - 3.85	0.833
South Central	2.82	2.14 - 3.70	3.04	2.30 - 3.99	0.636
Southwest	3.06	2.27 - 4.12	2.77	2.07 - 3.69	0.537

See notes at end of table.

(continued)

Table 18 Illicit Drug Dependence or Abuse in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Delaware	3.02	2.50 - 3.65	2.88	2.40 - 3.46	0.649
Kent	2.97	2.21 - 3.97	2.94	2.25 - 3.84	0.954
New Castle (excluding Wilmington City)	3.13	2.51 - 3.92	3.17	2.54 - 3.94	0.934
Sussex	2.62 ^a	1.92 - 3.57	1.89	1.44 - 2.48	0.037
Wilmington City	3.39	2.44 - 4.68	3.67	2.73 - 4.92	0.644
District of Columbia	4.00	3.21 - 4.96	3.60	2.97 - 4.36	0.380
Ward 1	4.24	3.03 - 5.91	3.76	2.76 - 5.11	0.507
Ward 2	4.29	3.18 - 5.77	3.32	2.47 - 4.46	0.114
Ward 3	3.08	2.23 - 4.25	3.06	2.32 - 4.01	0.959
Ward 4	3.60	2.48 - 5.20	3.28	2.41 - 4.44	0.639
Ward 5	4.34	3.06 - 6.12	3.63	2.70 - 4.86	0.354
Ward 6	3.95	2.78 - 5.56	3.61	2.65 - 4.91	0.627
Ward 7	4.32	2.98 - 6.22	4.17	3.08 - 5.62	0.856
Ward 8	4.42	3.20 - 6.07	4.17	3.11 - 5.58	0.744
Florida¹	3.02	2.68 - 3.40	2.66	2.36 - 3.01	0.113
Region A - Northwest	--	---	3.52	2.93 - 4.22	--
Circuit 1	3.28	2.52 - 4.24	3.38	2.66 - 4.28	0.831
Circuit 2	--	---	4.00	3.10 - 5.15	--
Circuit 14	--	---	3.21	2.45 - 4.21	--
Region B - Northeast	--	---	3.12	2.61 - 3.74	--
Circuits 3 and 8	--	---	3.15	2.42 - 4.11	--
Circuit 4	--	---	3.40	2.62 - 4.41	--
Circuit 7	--	---	2.76	2.19 - 3.47	--
Region C - Central	--	---	2.68	2.32 - 3.10	--
Circuit 5	2.23	1.65 - 3.02	2.32	1.79 - 2.99	0.833
Circuit 9	--	---	3.16	2.56 - 3.91	--
Circuit 10	2.70	2.04 - 3.56	2.62	2.03 - 3.36	0.847
Circuit 18	--	---	2.76	2.20 - 3.47	--
Circuit 19	2.45	1.82 - 3.29	2.17	1.67 - 2.82	0.421
Region D - Southeast	--	---	2.45	2.05 - 2.93	--
Circuit 15 (Palm Beach)	2.80	2.14 - 3.65	2.46	1.94 - 3.11	0.383
Circuit 17 (Broward)	3.20 ^a	2.50 - 4.09	2.44	1.95 - 3.06	0.049
Region E - Sun Coast	--	---	2.72	2.32 - 3.19	--
Circuit 6	--	---	3.09	2.41 - 3.94	--
Circuit 12	--	---	2.48	1.93 - 3.19	--
Circuit 13 (Hillsborough)	--	---	2.86	2.31 - 3.55	--
Circuit 20	2.42	1.81 - 3.23	2.28	1.79 - 2.91	0.708
Region F - Southern (Circuits 11 and 16)	2.86 ^a	2.24 - 3.65	1.89	1.50 - 2.38	0.005
Georgia	2.81	2.29 - 3.43	2.49	2.05 - 3.02	0.286
Region 1	--	---	2.09	1.59 - 2.74	--
Region 2	--	---	2.67	2.01 - 3.55	--
Region 3	--	---	2.68	2.05 - 3.49	--
Region 4	--	---	2.90	2.15 - 3.90	--
Region 5	--	---	2.52	1.85 - 3.43	--
Region 6	--	---	2.44	1.82 - 3.27	--

See notes at end of table.

(continued)

Table 18 *Illicit Drug Dependence or Abuse in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)*

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Hawaii	2.86 ^a	2.28 - 3.59	2.12	1.74 - 2.58	0.024
Hawaii Island	3.06	2.18 - 4.29	2.32	1.73 - 3.11	0.125
Honolulu	2.71	2.10 - 3.51	2.16	1.72 - 2.69	0.134
Kauai and Maui	3.38 ^a	2.44 - 4.66	1.79	1.38 - 2.31	0.000
Kauai	--	-- --	1.76	1.28 - 2.41	--
Maui	--	-- --	1.80	1.34 - 2.41	--
Idaho	2.72	2.26 - 3.26	2.64	2.23 - 3.13	0.751
Region 1	2.47	1.82 - 3.34	2.22	1.68 - 2.93	0.483
Region 2	2.98	2.19 - 4.03	2.85	2.15 - 3.78	0.769
Region 3	2.67	2.01 - 3.54	2.54	1.95 - 3.30	0.740
Region 4	2.78	2.15 - 3.60	2.98	2.33 - 3.81	0.605
Region 5	2.75	2.06 - 3.65	2.42	1.82 - 3.21	0.412
Region 6	2.77	2.08 - 3.68	2.70	2.04 - 3.56	0.846
Region 7	2.69	1.99 - 3.62	2.48	1.87 - 3.30	0.600
Illinois	2.78 ^b	2.46 - 3.15	2.42	2.15 - 2.74	0.066
Region I (Cook)	3.20	2.67 - 3.82	2.76	2.33 - 3.26	0.177
Region II	2.62 ^a	2.19 - 3.12	2.02	1.70 - 2.39	0.017
Region III	2.31	1.83 - 2.91	2.48	2.02 - 3.05	0.570
Region IV	2.24	1.74 - 2.87	2.29	1.78 - 2.93	0.879
Region V	2.43	1.93 - 3.06	2.38	1.91 - 2.97	0.865
Indiana	2.86	2.38 - 3.43	2.58	2.15 - 3.10	0.294
Central	2.84	2.16 - 3.74	2.75	2.11 - 3.56	0.809
East	2.80	2.07 - 3.79	2.88	2.16 - 3.83	0.859
North Central	2.77	2.08 - 3.68	2.44	1.86 - 3.19	0.373
Northeast	2.70	1.98 - 3.68	2.28	1.71 - 3.05	0.265
Northwest	2.78	2.06 - 3.73	2.62	1.98 - 3.47	0.722
Southeast	2.89	2.15 - 3.87	2.31	1.74 - 3.07	0.154
Southwest	2.87	2.11 - 3.89	2.47	1.82 - 3.35	0.372
West	3.21	2.43 - 4.25	2.73	2.05 - 3.62	0.275
Iowa	2.50	2.04 - 3.05	2.28	1.88 - 2.76	0.409
Central	2.63	1.93 - 3.57	2.29	1.73 - 3.04	0.404
North Central	2.56	1.88 - 3.47	2.59	1.94 - 3.47	0.927
Northeast	2.55	1.91 - 3.40	2.21	1.69 - 2.88	0.346
Northwest	2.25	1.66 - 3.05	2.22	1.67 - 2.95	0.932
Southeast	2.58	1.95 - 3.41	2.25	1.71 - 2.96	0.361
Southwest	2.28	1.65 - 3.14	2.23	1.68 - 2.95	0.890
Kansas	2.49	2.04 - 3.04	2.50	2.05 - 3.06	0.962
Kansas City Metro	2.70	2.08 - 3.51	2.41	1.87 - 3.10	0.397
Northeast	2.37	1.76 - 3.18	2.43	1.80 - 3.27	0.860
South Central	2.48	1.82 - 3.38	2.36	1.76 - 3.18	0.746
Southeast	2.35	1.72 - 3.19	2.70	1.96 - 3.71	0.370
West	2.29	1.67 - 3.14	2.18	1.63 - 2.93	0.757
Wichita (Sedgwick)	2.45	1.81 - 3.33	3.00	2.21 - 4.07	0.237

See notes at end of table.

(continued)

Table 18 Illicit Drug Dependence or Abuse in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Kentucky	3.20 ^a	2.64 - 3.87	2.54	2.12 - 3.05	0.028
Adanta, Cumberland River, and Lifeskills	2.74	2.03 - 3.69	2.38	1.77 - 3.19	0.399
Bluegrass, Comprehend, and North Key	3.22	2.44 - 4.24	2.59	2.02 - 3.31	0.148
Communicare and River Valley	3.06 ^b	2.25 - 4.17	2.27	1.67 - 3.09	0.065
Four Rivers and Pennyroyal	3.37 ^b	2.47 - 4.59	2.57	1.91 - 3.44	0.088
Kentucky River, Mountain, and Pathways	3.37	2.51 - 4.51	2.61	1.93 - 3.51	0.106
Seven Counties	3.43	2.59 - 4.53	2.71	2.10 - 3.49	0.106
Louisiana	3.45 ^a	2.86 - 4.16	2.62	2.17 - 3.15	0.010
Regions 1 and 10	--	-- --	2.85	2.24 - 3.63	--
Region 1	4.01 ^b	2.88 - 5.55	2.84	2.10 - 3.84	0.057
Region 10 (Jefferson)	3.28	2.40 - 4.48	2.86	2.12 - 3.84	0.400
Regions 2 and 9	3.53 ^a	2.73 - 4.57	2.52	1.95 - 3.24	0.023
Region 3	3.74 ^a	2.70 - 5.17	2.39	1.76 - 3.24	0.007
Regions 4, 5, and 6	--	-- --	2.63	2.03 - 3.40	--
Regions 7 and 8	3.30	2.50 - 4.35	2.61	1.98 - 3.44	0.141
Maine¹	3.13 ^b	2.63 - 3.72	2.56	2.09 - 3.12	0.056
Aroostook/Downeast	--	-- --	2.82	2.12 - 3.74	--
Aroostook	--	-- --	3.11	2.19 - 4.40	--
Downeast	--	-- --	2.59	1.88 - 3.56	--
Central	--	-- --	2.45	1.79 - 3.35	--
Cumberland	3.21	2.47 - 4.16	2.76	2.09 - 3.63	0.313
Midcoast	2.93 ^a	2.15 - 3.98	2.04	1.51 - 2.76	0.024
Penquis	--	-- --	3.36	2.52 - 4.46	--
Western	--	-- --	2.34	1.77 - 3.09	--
York	2.89 ^a	2.18 - 3.82	2.04	1.57 - 2.66	0.018
Maryland	2.78	2.27 - 3.41	2.63	2.18 - 3.16	0.588
Anne Arundel	2.91	2.14 - 3.94	2.53	1.87 - 3.42	0.397
Baltimore City	3.08	2.24 - 4.21	3.77	2.78 - 5.09	0.249
Baltimore County	--	-- --	2.87	2.17 - 3.79	--
Montgomery	2.29	1.66 - 3.17	2.12	1.62 - 2.77	0.606
North Central	--	-- --	2.25	1.68 - 3.02	--
Northeast	--	-- --	2.49	1.85 - 3.36	--
Prince George's	2.85	2.05 - 3.95	2.61	1.95 - 3.49	0.588
South	--	-- --	2.53	1.91 - 3.36	--
West	--	-- --	2.50	1.85 - 3.36	--

See notes at end of table.

(continued)

Table 18 *Illicit Drug Dependence or Abuse in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)*

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Massachusetts	3.55 ^a	2.98 - 4.22	2.63	2.19 - 3.16	0.003
Boston	4.04	3.04 - 5.37	3.43	2.59 - 4.54	0.272
Central	3.34	2.52 - 4.42	2.76	2.10 - 3.62	0.190
Metrowest	3.35 ^a	2.58 - 4.36	2.37	1.82 - 3.09	0.019
Northeast	3.52 ^a	2.68 - 4.61	2.41	1.85 - 3.13	0.011
Southeast	3.65 ^a	2.78 - 4.77	2.57	1.98 - 3.32	0.017
Western	3.53 ^a	2.71 - 4.59	2.64	1.99 - 3.50	0.050
Michigan¹	3.15 ^b	2.81 - 3.54	2.77	2.46 - 3.11	0.078
Detroit City	4.08	3.07 - 5.41	4.53	3.46 - 5.92	0.552
Genesee	3.45	2.64 - 4.48	2.79	2.17 - 3.59	0.168
Kalamazoo	--	-- --	2.64	2.10 - 3.30	--
Kent	3.09	2.42 - 3.94	2.72	2.15 - 3.43	0.347
Lakeshore	--	-- --	2.48	1.97 - 3.12	--
Macomb	3.00	2.35 - 3.81	2.39	1.90 - 3.00	0.115
Mid South	--	-- --	2.59	2.05 - 3.28	--
Northern	2.99 ^b	2.36 - 3.78	2.36	1.88 - 2.95	0.086
Oakland	3.32 ^b	2.64 - 4.17	2.60	2.12 - 3.18	0.060
Pathways and Western	--	-- --	2.71	2.10 - 3.50	--
Riverhaven	2.94	2.22 - 3.88	2.48	1.92 - 3.20	0.263
Saginaw	3.06	2.33 - 4.02	2.99	2.26 - 3.93	0.870
Southeast	2.81	2.21 - 3.56	3.11	2.51 - 3.83	0.479
St. Clair	2.81	2.14 - 3.67	2.37	1.85 - 3.03	0.239
Washtenaw	3.17	2.45 - 4.08	2.61	2.07 - 3.27	0.147
Minnesota	2.63	2.18 - 3.18	2.41	2.01 - 2.89	0.360
Regions 1 and 2	2.74	2.03 - 3.69	2.71	2.04 - 3.60	0.951
Regions 3 and 4	2.77	2.11 - 3.63	2.30	1.75 - 3.03	0.194
Regions 5 and 6	2.47	1.85 - 3.30	2.30	1.77 - 2.99	0.620
Region 7A (Hennepin)	2.73	2.04 - 3.66	2.47	1.85 - 3.29	0.525
Region 7B (Ramsey)	2.71	1.96 - 3.73	2.90	2.17 - 3.88	0.633
Region 7C	2.48	1.87 - 3.27	2.18	1.68 - 2.83	0.373
Mississippi	2.77	2.24 - 3.42	2.69	2.23 - 3.24	0.787
Region 1	2.55	1.87 - 3.46	2.45	1.90 - 3.17	0.812
Region 2	2.80	2.01 - 3.88	3.10	2.30 - 4.17	0.558
Region 3	2.62	1.90 - 3.59	2.70	2.01 - 3.61	0.865
Region 4	2.96	2.18 - 4.01	2.87	2.17 - 3.79	0.847
Region 5	2.64	1.84 - 3.78	2.50	1.83 - 3.40	0.757
Region 6	2.83	2.06 - 3.90	2.64	1.96 - 3.53	0.655
Region 7	2.97	2.17 - 4.07	2.59	1.95 - 3.43	0.368

See notes at end of table.

(continued)

Table 18 *Illicit Drug Dependence or Abuse in the Past Year* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Missouri	3.03	2.55 - 3.60	2.73	2.27 - 3.28	0.287
Central	3.25	2.48 - 4.24	2.69	2.03 - 3.56	0.199
Eastern	3.04	2.44 - 3.79	2.76	2.20 - 3.45	0.429
Eastern (St. Louis City and County)	3.03	2.33 - 3.93	2.95	2.24 - 3.87	0.859
Eastern (excluding St. Louis)	3.07 ^b	2.32 - 4.05	2.43	1.86 - 3.18	0.100
Northwest	3.15	2.50 - 3.98	2.84	2.25 - 3.58	0.389
Northwest (Jackson)	3.55	2.65 - 4.74	3.20	2.41 - 4.23	0.511
Northwest (excluding Jackson)	2.80	2.07 - 3.78	2.54	1.90 - 3.38	0.522
Southeast	2.80	2.09 - 3.74	2.61	1.95 - 3.47	0.633
Southwest	2.81	2.13 - 3.70	2.63	1.99 - 3.48	0.683
Montana	3.09	2.60 - 3.68	2.75	2.31 - 3.27	0.244
Region 1	2.77	2.05 - 3.72	2.58	1.93 - 3.43	0.650
Region 2	2.98	2.27 - 3.91	2.92	2.21 - 3.86	0.897
Region 3	2.76	2.09 - 3.64	2.45	1.85 - 3.24	0.463
Region 4	3.19	2.52 - 4.03	2.93	2.28 - 3.76	0.535
Region 5	3.38	2.63 - 4.33	2.74	2.19 - 3.43	0.116
Nebraska	2.71 ^b	2.25 - 3.27	2.25	1.82 - 2.77	0.079
Regions 1 and 2	2.56	1.88 - 3.48	2.21	1.68 - 2.90	0.343
Region 1	--	-- --	2.28	1.64 - 3.16	--
Region 2	--	-- --	2.14	1.55 - 2.94	--
Region 3	2.61 ^b	1.93 - 3.53	1.97	1.45 - 2.67	0.068
Region 4	2.63 ^a	1.93 - 3.57	1.87	1.36 - 2.59	0.048
Region 5	2.77	2.14 - 3.59	2.24	1.68 - 2.97	0.137
Region 6	2.78	2.17 - 3.57	2.44	1.89 - 3.15	0.357
Nevada¹	2.88	2.29 - 3.62	2.69	2.19 - 3.30	0.577
Clark – Region 1	2.88	2.20 - 3.75	2.61	2.05 - 3.30	0.492
Region 3	2.67	1.95 - 3.65	2.39	1.86 - 3.07	0.445
Capital District	--	-- --	2.31	1.71 - 3.11	--
Rural/Frontier	--	-- --	2.46	1.81 - 3.33	--
Washoe – Region 2	3.07	2.29 - 4.11	3.32	2.56 - 4.30	0.604
New Hampshire	3.27	2.73 - 3.90	2.93	2.46 - 3.49	0.282
Central	3.20	2.55 - 4.02	2.86	2.28 - 3.59	0.380
Central 1	3.39	2.56 - 4.48	3.05	2.36 - 3.93	0.476
Central 2	3.02	2.28 - 3.99	2.68	1.98 - 3.63	0.473
Northern	3.12	2.36 - 4.10	2.91	2.22 - 3.80	0.627
Southern	3.33	2.70 - 4.11	2.97	2.45 - 3.59	0.325
Southern 1 (Rockingham)	3.26 ^b	2.43 - 4.35	2.45	1.92 - 3.12	0.054
Southern 2	3.38	2.66 - 4.28	3.29	2.62 - 4.12	0.850
New Jersey	2.78	2.28 - 3.40	2.40	1.99 - 2.88	0.152
Central	2.71	2.06 - 3.55	2.26	1.73 - 2.94	0.206
Metropolitan	3.00	2.23 - 4.05	2.69	2.09 - 3.47	0.486
Northern	2.59	1.96 - 3.42	2.14	1.65 - 2.78	0.191
Southern	2.91	2.17 - 3.91	2.59	2.00 - 3.35	0.432

See notes at end of table.

(continued)

Table 18 *Illicit Drug Dependence or Abuse in the Past Year* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
New Mexico	3.90	3.23 - 4.70	3.27	2.72 - 3.93	0.120
Region 1	3.62	2.72 - 4.80	3.30	2.56 - 4.25	0.572
Region 2	3.69 ^a	2.71 - 5.02	2.48	1.83 - 3.36	0.021
Region 3 (Bernalillo)	4.08	3.19 - 5.20	3.80	2.99 - 4.82	0.622
Region 4	3.54	2.65 - 4.73	3.02	2.25 - 4.03	0.324
Region 5	4.29 ^b	3.25 - 5.64	3.11	2.34 - 4.11	0.053
New York	3.08	2.73 - 3.49	2.77	2.45 - 3.14	0.163
Region A	2.93	2.47 - 3.47	2.78	2.38 - 3.25	0.600
Region 1	3.58	2.73 - 4.68	3.17	2.46 - 4.07	0.417
Region 2	2.80	2.13 - 3.66	2.82	2.28 - 3.50	0.952
Region 3	3.09	2.36 - 4.04	2.80	2.18 - 3.60	0.512
Region 4	2.60	1.98 - 3.42	2.47	1.95 - 3.14	0.729
Region B	--	-- --	2.55	2.18 - 2.99	--
Region 5	3.00	2.43 - 3.70	2.54	2.07 - 3.11	0.179
Region 6	3.07 ^b	2.36 - 3.99	2.35	1.83 - 3.01	0.075
Region 7	3.30	2.55 - 4.26	2.93	2.32 - 3.68	0.375
Region C	--	-- --	3.00	2.58 - 3.48	--
Region 8	3.50 ^a	2.73 - 4.49	2.61	2.07 - 3.29	0.023
Region 9	3.22	2.51 - 4.13	3.12	2.45 - 3.97	0.827
Region 10	3.39	2.65 - 4.34	2.99	2.31 - 3.87	0.355
Region 11	3.56	2.81 - 4.50	3.12	2.47 - 3.93	0.328
Region 12	3.19	2.54 - 4.01	3.12	2.46 - 3.95	0.873
Region D	3.11	2.62 - 3.68	2.79	2.33 - 3.33	0.250
Region 13	3.11	2.39 - 4.04	2.76	2.14 - 3.55	0.399
Region 14	3.04	2.31 - 3.99	2.87	2.21 - 3.73	0.697
Region 15	3.18	2.48 - 4.07	2.72	2.10 - 3.53	0.253
North Carolina	3.04	2.50 - 3.69	2.96	2.44 - 3.58	0.799
Alliance	--	-- --	3.01	2.27 - 3.98	--
Cardinal Innovations	--	-- --	2.75	2.08 - 3.64	--
CenterPoint/Guilford	--	-- --	2.92	2.28 - 3.73	--
CenterPoint	--	-- --	2.77	2.06 - 3.71	--
Guilford	--	-- --	3.09	2.30 - 4.14	--
CoastalCare	--	-- --	3.27	2.43 - 4.38	--
Eastpointe	--	-- --	3.31	2.44 - 4.48	--
ECBH	--	-- --	3.04	2.23 - 4.13	--
MeckLINK	--	-- --	2.86	2.10 - 3.88	--
Partners	--	-- --	3.15	2.33 - 4.25	--
Sandhills	--	-- --	2.95	2.17 - 4.00	--
Smoky Mountain	--	-- --	2.66	1.96 - 3.59	--
Western Highlands	--	-- --	2.57	1.93 - 3.40	--

See notes at end of table.

(continued)

Table 18 Illicit Drug Dependence or Abuse in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
North Dakota	2.60	2.15 - 3.14	2.28	1.87 - 2.78	0.223
Badlands and West Central Lake Region and South Central	2.37	1.81 - 3.11	2.07	1.57 - 2.73	0.364
North Central and Northwest	2.27	1.67 - 3.08	2.17	1.60 - 2.94	0.792
Northeast	2.38	1.77 - 3.20	2.40	1.80 - 3.21	0.952
Southeast	2.77	2.09 - 3.65	2.70	2.04 - 3.58	0.884
	3.10 ^a	2.38 - 4.03	2.26	1.73 - 2.95	0.030
Ohio	2.95	2.63 - 3.31	2.90	2.58 - 3.26	0.821
Boards 2, 46, 55, and 68	2.81	2.15 - 3.66	2.56	2.01 - 3.25	0.524
Boards 3, 52, and 85	2.72	2.10 - 3.52	2.36	1.83 - 3.04	0.329
Boards 4 and 78	2.89	2.22 - 3.76	2.50	1.92 - 3.24	0.328
Boards 5 and 60	3.11	2.39 - 4.03	2.90	2.26 - 3.70	0.599
Boards 7, 15, 41, 79, and 84	2.93	2.26 - 3.78	2.49	1.91 - 3.24	0.292
Boards 8, 13, and 83	3.26 ^a	2.51 - 4.23	2.47	1.93 - 3.17	0.047
Board 9 (Butler)	3.10	2.39 - 4.00	2.80	2.17 - 3.61	0.451
Board 12	3.21	2.48 - 4.13	2.98	2.33 - 3.79	0.563
Boards 18 and 47	2.68	2.12 - 3.37	2.83	2.30 - 3.48	0.694
Boards 20, 32, 54, and 69	2.89	2.20 - 3.78	2.43	1.83 - 3.21	0.267
Boards 21, 39, 51, 70, and 80	2.73	2.11 - 3.53	2.52	1.98 - 3.20	0.567
Boards 22, 74, and 87	2.76	2.13 - 3.58	2.52	1.96 - 3.24	0.513
Boards 23 and 45	2.71	2.08 - 3.54	2.65	2.09 - 3.36	0.858
Board 25 (Franklin)	3.32	2.67 - 4.13	3.96	3.16 - 4.95	0.194
Boards 27, 71, and 73	2.87	2.20 - 3.73	2.88	2.20 - 3.77	0.970
Boards 28, 43, and 67	2.72	2.10 - 3.52	2.45	1.94 - 3.09	0.459
Board 31 (Hamilton)	3.01	2.34 - 3.86	3.44	2.71 - 4.36	0.376
Board 48 (Lucas)	2.66	2.04 - 3.45	3.06	2.39 - 3.93	0.315
Boards 50 and 76	2.81	2.17 - 3.65	2.61	2.02 - 3.36	0.614
Board 57 (Montgomery)	3.62	2.73 - 4.80	3.61	2.80 - 4.65	0.992
Board 77 (Summit)	3.26	2.54 - 4.18	2.84	2.21 - 3.64	0.334
Oklahoma	2.92	2.39 - 3.55	2.62	2.13 - 3.22	0.312
Central	2.98	2.23 - 3.98	2.40	1.79 - 3.21	0.141
East Central	2.50	1.81 - 3.43	2.31	1.72 - 3.09	0.628
Northeast	2.91	2.17 - 3.88	2.36	1.78 - 3.13	0.155
Northwest and Southwest	2.71	2.00 - 3.66	2.81	2.07 - 3.80	0.815
Oklahoma County	3.08	2.30 - 4.12	2.87	2.15 - 3.81	0.640
Southeast	2.77	2.05 - 3.75	2.69	1.97 - 3.66	0.848
Tulsa County	3.31	2.43 - 4.48	2.73	2.00 - 3.71	0.252
Oregon	3.02	2.52 - 3.62	3.19	2.67 - 3.81	0.606
Region 1 (Multnomah)	3.39	2.60 - 4.41	4.30	3.25 - 5.67	0.124
Region 2	2.92	2.25 - 3.78	2.58	1.99 - 3.35	0.365
Region 3	2.94	2.23 - 3.87	3.19	2.56 - 3.98	0.577
Region 4	2.85	2.14 - 3.79	2.93	2.21 - 3.87	0.862
Region 5 (Central)	--	-- --	2.56	1.89 - 3.44	--
Region 6 (Eastern)	--	-- --	3.10	2.24 - 4.28	--

See notes at end of table.

(continued)

Table 18 Illicit Drug Dependence or Abuse in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Pennsylvania¹	2.59	2.30 - 2.91	2.83	2.50 - 3.20	0.256
Region 1 (Allegheny)	2.71	2.14 - 3.42	3.44	2.70 - 4.37	0.111
Regions 3, 8, 9, and 51	--	-- --	2.88	2.19 - 3.77	--
Regions 4, 11, 37, and 49	2.58	2.03 - 3.28	2.57	2.01 - 3.28	0.970
Regions 5, 18, 23, 24, and 46	2.35	1.84 - 3.00	2.33	1.81 - 3.00	0.961
Regions 6, 12, 16, 31, 35, 45, and 47	--	-- --	2.52	1.99 - 3.18	--
Regions 7, 13, 20, and 33	2.61	2.13 - 3.21	2.45	2.03 - 2.95	0.592
Regions 10, 15, 27, 32, 43, and 44	--	-- --	2.79	2.15 - 3.62	--
Regions 17 and 21	2.62	2.01 - 3.40	2.94	2.26 - 3.82	0.434
Regions 19, 26, 28, and 42	2.32	1.83 - 2.93	2.30	1.81 - 2.91	0.949
Regions 22, 38, 40, 41, and 48	2.20	1.70 - 2.86	2.78	2.08 - 3.70	0.167
Regions 29 and 34	2.47	1.88 - 3.25	2.58	2.01 - 3.30	0.769
Regions 30 and 50	--	-- --	2.46	1.89 - 3.18	--
Region 36 (Philadelphia)	3.18 ^a	2.52 - 4.00	4.28	3.37 - 5.41	0.043
Rhode Island	4.01 ^a	3.30 - 4.86	3.08	2.52 - 3.75	0.025
Bristol and Newport	4.01 ^a	2.98 - 5.37	2.35	1.76 - 3.14	0.000
Kent	3.47	2.57 - 4.68	2.93	2.19 - 3.91	0.300
Providence	4.11	3.27 - 5.15	3.27	2.58 - 4.12	0.116
Washington	4.23 ^a	3.20 - 5.56	3.12	2.36 - 4.11	0.041
South Carolina	2.86	2.35 - 3.47	2.89	2.39 - 3.50	0.913
Region 1	2.97	2.26 - 3.88	2.94	2.25 - 3.83	0.951
Region 2	2.86	2.21 - 3.70	2.77	2.15 - 3.57	0.828
Region 3	2.61	1.90 - 3.58	2.99	2.19 - 4.06	0.451
Region 4	2.91	2.16 - 3.92	2.92	2.23 - 3.81	0.993
South Dakota	2.56	2.12 - 3.09	2.20	1.76 - 2.73	0.177
Region 1	--	-- --	2.38	1.79 - 3.18	--
Region 2	--	-- --	2.00	1.43 - 2.80	--
Region 3	--	-- --	2.09	1.53 - 2.85	--
Region 4	--	-- --	2.16	1.58 - 2.95	--
Region 5	--	-- --	2.20	1.63 - 2.98	--
Tennessee	2.94	2.42 - 3.56	2.88	2.39 - 3.46	0.838
Region 1	3.02	2.22 - 4.09	2.68	2.00 - 3.58	0.452
Region 2	2.94	2.22 - 3.90	2.90	2.19 - 3.82	0.917
Region 3	--	-- --	2.95	2.25 - 3.87	--
Region 4 (Davidson)	3.27	2.38 - 4.46	3.20	2.39 - 4.28	0.903
Region 5	--	-- --	2.63	2.01 - 3.42	--
Region 6	2.84	2.07 - 3.88	2.91	2.18 - 3.86	0.887
Region 7 (Shelby)	3.20	2.34 - 4.36	3.08	2.31 - 4.09	0.823

See notes at end of table.

(continued)

Table 18 Illicit Drug Dependence or Abuse in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Texas	2.75 ^b	2.45 - 3.08	2.41	2.13 - 2.71	0.073
Region 1	3.01	2.36 - 3.83	2.62	2.05 - 3.36	0.296
Region 2	2.71	2.06 - 3.55	2.29	1.75 - 3.00	0.230
Region 3	2.63	2.23 - 3.09	2.55	2.16 - 3.00	0.754
Region 3a	2.72	2.23 - 3.30	2.63	2.16 - 3.21	0.805
Region 3bc	2.48	1.95 - 3.14	2.39	1.90 - 3.01	0.800
Region 4	2.54	1.96 - 3.28	2.24	1.70 - 2.94	0.406
Region 5	3.15 ^b	2.35 - 4.21	2.40	1.82 - 3.15	0.095
Region 6	2.55	2.13 - 3.05	2.28	1.88 - 2.75	0.320
Region 6a	2.52	2.07 - 3.07	2.26	1.84 - 2.76	0.373
Region 6bc	2.81	2.17 - 3.64	2.47	1.89 - 3.21	0.342
Region 7	3.16 ^a	2.62 - 3.81	2.32	1.92 - 2.81	0.005
Region 7a	3.19 ^a	2.51 - 4.05	2.28	1.79 - 2.91	0.014
Region 7bcd	3.11 ^a	2.45 - 3.94	2.39	1.87 - 3.05	0.049
Region 8	2.72	2.16 - 3.43	2.51	2.02 - 3.11	0.528
Region 9	2.81	2.15 - 3.66	2.49	1.90 - 3.25	0.400
Region 10	2.99	2.28 - 3.90	2.43	1.87 - 3.16	0.154
Region 11	2.87 ^b	2.33 - 3.53	2.32	1.88 - 2.85	0.072
Region 11abd	2.76	2.13 - 3.56	2.40	1.87 - 3.07	0.317
Region 11c (Hidalgo)	3.09 ^a	2.35 - 4.04	2.17	1.64 - 2.86	0.019
Utah	2.96	2.46 - 3.57	2.90	2.43 - 3.46	0.839
Bear River, Northeastern, Summit, Tooele, and Wasatch	3.32 ^b	2.46 - 4.47	2.56	1.93 - 3.38	0.086
Central, Four Corners, San Juan, and Southwest	2.56	1.89 - 3.45	2.68	2.04 - 3.52	0.750
Davis County	2.92	2.16 - 3.93	2.94	2.21 - 3.90	0.967
Salt Lake County	2.96	2.30 - 3.80	3.03	2.38 - 3.86	0.860
Utah County	2.98	2.26 - 3.91	3.03	2.30 - 3.99	0.893
Weber, Morgan	3.07	2.25 - 4.17	2.82	2.09 - 3.79	0.585
Vermont	3.37	2.87 - 3.97	3.29	2.76 - 3.92	0.799
Champlain Valley	3.72	3.02 - 4.58	3.54	2.85 - 4.39	0.689
Rural Northeast	3.34	2.63 - 4.23	3.24	2.50 - 4.19	0.828
Rural Southeast	2.96	2.24 - 3.89	3.15	2.42 - 4.10	0.675
Rural Southwest	3.15	2.41 - 4.11	2.93	2.27 - 3.76	0.608
Virginia	2.96 ^a	2.46 - 3.56	2.41	2.01 - 2.88	0.041
Region 1	--	-- --	2.36	1.83 - 3.05	--
Region 2	2.85 ^a	2.15 - 3.77	1.85	1.40 - 2.45	0.005
Region 3	2.95	2.22 - 3.91	2.56	1.92 - 3.39	0.358
Region 4	--	-- --	2.54	1.90 - 3.38	--
Region 5	2.98	2.24 - 3.94	2.92	2.26 - 3.76	0.888

See notes at end of table.

(continued)

Table 18 Illicit Drug Dependence or Abuse in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Washington¹	3.30 ^b	2.76 - 3.93	2.76	2.33 - 3.28	0.072
Region 1	--	-- --	2.74	2.18 - 3.43	--
East 1 (previously Region 1)	3.48	2.66 - 4.55	2.85	2.16 - 3.74	0.150
East 2 (previously Region 2)	3.29 ^b	2.46 - 4.39	2.59	1.95 - 3.43	0.099
Region 2	--	-- --	2.76	2.26 - 3.37	--
North 1 (previously Region 3)	3.32	2.56 - 4.31	2.90	2.27 - 3.71	0.319
North 2 (previously Region 4)	3.33	2.57 - 4.31	2.68	2.09 - 3.41	0.143
Region 3	--	-- --	2.79	2.26 - 3.45	--
West 1 (previously Region 5)	3.22	2.42 - 4.26	2.80	2.16 - 3.62	0.354
West 2 (previously Region 6)	3.15	2.37 - 4.17	2.79	2.14 - 3.61	0.419
West Virginia¹	3.06	2.56 - 3.66	2.83	2.32 - 3.44	0.455
Region I	2.79	2.06 - 3.78	2.43	1.79 - 3.29	0.413
Region II	--	-- --	2.41	1.79 - 3.22	--
Region III	2.85	2.09 - 3.86	2.43	1.77 - 3.32	0.376
Region IV	--	-- --	3.42	2.68 - 4.35	--
Region V	--	-- --	2.98	2.26 - 3.92	--
Region VI	--	-- --	2.57	1.88 - 3.52	--
Wisconsin	2.93 ^b	2.42 - 3.55	2.42	1.99 - 2.94	0.067
Milwaukee	2.93	2.15 - 4.00	3.19	2.33 - 4.36	0.614
Northeastern	2.73	2.06 - 3.60	2.20	1.68 - 2.87	0.150
Northern	2.61	1.89 - 3.60	2.25	1.65 - 3.05	0.374
Southeastern	2.91	2.17 - 3.90	2.27	1.72 - 3.00	0.120
Southern	--	-- --	2.36	1.78 - 3.11	--
Western	--	-- --	2.24	1.69 - 2.96	--

See notes at end of table.

(continued)

Table 18 Illicit Drug Dependence or Abuse in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Wyoming	2.79 ^a	2.30 - 3.37	2.24	1.84 - 2.72	0.035
Judicial District 1 (Laramie)	2.98	2.21 - 4.01	2.40	1.79 - 3.22	0.181
Judicial District 2	3.39 ^b	2.57 - 4.44	2.62	1.95 - 3.50	0.090
Judicial District 3	2.87 ^a	2.13 - 3.84	1.98	1.46 - 2.68	0.019
Judicial District 4	2.49	1.80 - 3.44	2.10	1.54 - 2.86	0.318
Judicial District 5	2.38	1.73 - 3.27	1.95	1.43 - 2.64	0.249
Judicial District 6	2.76	2.04 - 3.73	2.22	1.65 - 2.99	0.155
Judicial District 7 (Natrona)	2.91	2.19 - 3.86	2.56	1.90 - 3.43	0.404
Judicial District 8	2.31	1.68 - 3.17	2.08	1.54 - 2.79	0.491
Judicial District 9	2.64	1.91 - 3.63	2.09	1.52 - 2.88	0.146

ECBH = East Carolina Behavioral Health; SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2002-2004 and 2010-2012); hence, the 2002-2004 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2010-2012 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=34>.

NOTE: Substate, State, and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques, with their *p* values being the Bayes posterior probability of no change between the 2002-2004 and 2010-2012 estimates. The "Total U.S." estimates, along with the 95 percent confidence intervals and *p* values, are based on design-based (direct) estimation methods.

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

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

^a Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.10 level.

¹ Names of some of the substate regions for this State have changed across the two time periods (2002-2004 vs. 2010-2012). For details, see the methodology write-up for comparing estimates located below the tables.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2004, 2010, 2011, and 2012 (2010 Data - Revised March 2012).

Table 19 Illicit Drug Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	<i>P</i>Value
Total United States	1.95	1.87 - 2.03	1.87	1.78 - 1.96	0.188
Northeast	1.95	1.79 - 2.12	1.91	1.75 - 2.08	0.733
Midwest	1.88 ^b	1.76 - 2.02	1.74	1.62 - 1.87	0.099
South	1.92	1.79 - 2.06	1.78	1.66 - 1.91	0.105
West	2.05	1.88 - 2.23	2.07	1.90 - 2.26	0.844
Alabama	1.82	1.46 - 2.27	1.57	1.22 - 2.03	0.305
Region 1	1.86	1.34 - 2.57	1.40	0.96 - 2.04	0.190
Region 2	1.92	1.41 - 2.62	1.71	1.23 - 2.37	0.534
Region 3	1.80	1.25 - 2.58	1.55	1.07 - 2.24	0.472
Region 4	1.63	1.18 - 2.25	1.61	1.13 - 2.29	0.953
Alaska	2.21 ^b	1.78 - 2.73	1.71	1.37 - 2.13	0.058
Anchorage	--	-- --	1.81	1.35 - 2.42	--
Northern	--	-- --	1.76	1.26 - 2.45	--
South Central	--	-- --	1.60	1.13 - 2.27	--
Southeast	2.20 ^b	1.56 - 3.10	1.51	1.08 - 2.13	0.058
Arizona	1.95	1.57 - 2.42	2.24	1.79 - 2.80	0.316
Maricopa	1.91	1.47 - 2.49	2.42	1.85 - 3.15	0.168
Pima	2.06	1.49 - 2.85	2.28	1.62 - 3.20	0.578
Rural North	1.93	1.36 - 2.73	1.79	1.24 - 2.57	0.713
Rural South	2.03	1.41 - 2.90	1.78	1.22 - 2.58	0.528
Arkansas¹	2.13	1.71 - 2.64	1.83	1.46 - 2.28	0.232
Catchment Area 1	--	-- --	1.67	1.16 - 2.38	--
Catchment Area 2	1.88	1.32 - 2.66	1.45	0.98 - 2.15	0.207
Catchment Area 3	2.40	1.71 - 3.35	1.83	1.26 - 2.65	0.181
Catchment Area 4	--	-- --	1.53	1.04 - 2.24	--
Catchment Area 5	--	-- --	1.85	1.30 - 2.63	--
Catchment Area 6	--	-- --	2.24	1.50 - 3.34	--
Catchment Area 7	--	-- --	1.62	1.11 - 2.38	--
Catchment Area 8	2.18	1.51 - 3.13	2.24	1.59 - 3.14	0.888

See notes at end of table.

(continued)

Table 19 Illicit Drug Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
California	2.06	1.80 - 2.35	2.11	1.85 - 2.41	0.764
Region 1R	--	-- --	2.37	1.72 - 3.27	--
Region 2R	--	-- --	2.46	1.81 - 3.34	--
Region 3R (Sacramento)	--	-- --	2.34	1.69 - 3.22	--
Region 4R	--	-- --	2.24	1.63 - 3.08	--
Region 5R (San Francisco)	--	-- --	2.27	1.62 - 3.18	--
Region 6 (Santa Clara)	2.07	1.52 - 2.81	1.68	1.22 - 2.30	0.251
Region 7R (Contra Costa)	--	-- --	1.99	1.42 - 2.78	--
Region 8R (Alameda)	--	-- --	1.96	1.43 - 2.69	--
Region 9R (San Mateo)	--	-- --	1.54	1.09 - 2.18	--
Region 10	2.35	1.72 - 3.20	2.54	1.87 - 3.45	0.640
Region 11 (Los Angeles)	1.98	1.59 - 2.46	2.09	1.76 - 2.48	0.687
LA SPA 1 and 5	--	-- --	2.23	1.58 - 3.12	--
LA SPA 2	--	-- --	2.02	1.49 - 2.73	--
LA SPA 3	--	-- --	1.89	1.39 - 2.58	--
LA SPA 4	--	-- --	2.23	1.56 - 3.17	--
LA SPA 6	--	-- --	2.61	1.89 - 3.60	--
LA SPA 7	--	-- --	1.82	1.32 - 2.51	--
LA SPA 8	--	-- --	2.11	1.54 - 2.89	--
Region 12R	--	-- --	2.10	1.49 - 2.96	--
Regions 13 and 19R	--	-- --	2.19	1.67 - 2.87	--
Region 13 (Riverside)	1.96	1.44 - 2.66	2.19	1.65 - 2.91	0.515
Region 19R (Imperial)	--	-- --	2.21	1.53 - 3.18	--
Region 14 (Orange)	1.92	1.45 - 2.54	1.90	1.44 - 2.51	0.961
Region 15R (Fresno)	--	-- --	2.51	1.76 - 3.59	--
Region 16R (San Diego)	--	-- --	1.99	1.51 - 2.63	--
Region 17R	--	-- --	2.49	1.83 - 3.38	--
Region 18R (San Bernardino)	--	-- --	1.89	1.39 - 2.56	--
Region 20R	--	-- --	2.27	1.64 - 3.14	--
Region 21R	--	-- --	2.45	1.78 - 3.38	--
Colorado	2.12	1.71 - 2.64	2.10	1.69 - 2.61	0.935
Region 1	2.04	1.47 - 2.82	2.08	1.47 - 2.93	0.913
Regions 2 and 7	2.20	1.67 - 2.89	2.19	1.67 - 2.85	0.969
Region 3	2.13	1.51 - 3.00	2.16	1.52 - 3.05	0.956
Region 4	2.07	1.40 - 3.04	1.95	1.34 - 2.84	0.779
Regions 5 and 6	1.86	1.29 - 2.68	1.71	1.18 - 2.47	0.664
Connecticut	1.94	1.54 - 2.43	2.06	1.65 - 2.58	0.645
Eastern	2.09	1.47 - 2.98	1.90	1.32 - 2.75	0.653
North Central	1.91	1.37 - 2.67	1.96	1.41 - 2.72	0.909
Northwestern	1.95	1.40 - 2.70	2.02	1.42 - 2.88	0.856
South Central	1.87	1.34 - 2.59	2.27	1.64 - 3.15	0.324
Southwest	1.95	1.37 - 2.76	2.09	1.46 - 2.99	0.730

See notes at end of table.

(continued)

Table 19 Illicit Drug Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Delaware	2.00	1.60 - 2.50	2.08	1.67 - 2.60	0.751
Kent	2.05	1.46 - 2.87	2.11	1.49 - 2.98	0.877
New Castle (excluding Wilmington City)	2.04	1.56 - 2.66	2.37	1.80 - 3.11	0.369
Sussex	1.71	1.20 - 2.43	1.28	0.89 - 1.83	0.133
Wilmington City	2.34	1.57 - 3.47	2.40	1.66 - 3.46	0.900
District of Columbia	2.84	2.23 - 3.61	2.54	2.02 - 3.19	0.426
Ward 1	2.85	1.96 - 4.12	2.52	1.71 - 3.70	0.569
Ward 2	3.11	2.18 - 4.41	2.64	1.83 - 3.79	0.417
Ward 3	2.10	1.47 - 3.00	2.33	1.63 - 3.32	0.622
Ward 4	2.26	1.50 - 3.39	2.19	1.47 - 3.24	0.897
Ward 5	3.25	2.16 - 4.87	2.45	1.70 - 3.52	0.222
Ward 6	2.96	1.95 - 4.46	2.76	1.88 - 4.04	0.772
Ward 7	3.35	2.14 - 5.22	2.53	1.71 - 3.74	0.277
Ward 8	3.07	2.08 - 4.52	2.91	2.07 - 4.09	0.807
Florida¹	2.00	1.73 - 2.31	1.73	1.50 - 1.98	0.103
Region A - Northwest	--	---	2.36	1.90 - 2.93	--
Circuit 1	2.12	1.57 - 2.88	2.22	1.62 - 3.02	0.813
Circuit 2	--	---	2.90	2.12 - 3.96	--
Circuit 14	--	---	1.96	1.41 - 2.72	--
Region B - Northeast	--	---	2.10	1.72 - 2.58	--
Circuits 3 and 8	--	---	2.11	1.55 - 2.87	--
Circuit 4	--	---	2.30	1.71 - 3.10	--
Circuit 7	--	---	1.84	1.36 - 2.49	--
Region C - Central	--	---	1.65	1.38 - 1.98	--
Circuit 5	1.42	1.03 - 1.95	1.29	0.94 - 1.77	0.621
Circuit 9	--	---	2.03	1.52 - 2.70	--
Circuit 10	1.77	1.26 - 2.49	1.69	1.23 - 2.31	0.794
Circuit 18	--	---	1.66	1.23 - 2.23	--
Circuit 19	1.60	1.15 - 2.22	1.39	1.00 - 1.94	0.460
Region D - Southeast	--	---	1.52	1.21 - 1.91	--
Circuit 15 (Palm Beach)	1.87	1.35 - 2.58	1.64	1.22 - 2.20	0.479
Circuit 17 (Broward)	2.09 ^a	1.59 - 2.75	1.43	1.06 - 1.92	0.028
Region E - Sun Coast	--	---	1.78	1.47 - 2.15	--
Circuit 6	--	---	2.08	1.52 - 2.83	--
Circuit 12	--	---	1.68	1.22 - 2.31	--
Circuit 13 (Hillsborough)	--	---	1.81	1.35 - 2.43	--
Circuit 20	1.52	1.08 - 2.13	1.44	1.04 - 1.98	0.783
Region F - Southern (Circuits 11 and 16)	2.04 ^a	1.50 - 2.77	1.31	1.00 - 1.73	0.019
Georgia	1.79	1.39 - 2.30	1.60	1.25 - 2.06	0.478
Region 1	--	---	1.40	0.97 - 2.01	--
Region 2	--	---	1.76	1.21 - 2.55	--
Region 3	--	---	1.64	1.17 - 2.29	--
Region 4	--	---	2.00	1.32 - 3.01	--
Region 5	--	---	1.67	1.12 - 2.47	--
Region 6	--	---	1.54	1.05 - 2.25	--

See notes at end of table.

(continued)

Table 19 Illicit Drug Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Hawaii	1.92 ^b	1.48 - 2.50	1.45	1.12 - 1.86	0.083
Hawaii Island	1.72	1.15 - 2.56	1.44	0.98 - 2.12	0.448
Honolulu	1.83	1.36 - 2.45	1.50	1.13 - 2.00	0.296
Kauai and Maui	2.53 ^a	1.69 - 3.79	1.21	0.86 - 1.69	0.001
Kauai	--	-- --	1.24	0.82 - 1.85	--
Maui	--	-- --	1.20	0.81 - 1.75	--
Idaho	1.63	1.30 - 2.03	1.87	1.51 - 2.30	0.286
Region 1	1.49	1.04 - 2.13	1.49	1.03 - 2.15	0.993
Region 2	1.84	1.26 - 2.68	1.85	1.27 - 2.69	0.981
Region 3	1.61	1.14 - 2.27	1.99	1.41 - 2.79	0.287
Region 4	1.71	1.24 - 2.35	2.17	1.59 - 2.96	0.212
Region 5	1.68	1.19 - 2.37	1.59	1.11 - 2.28	0.798
Region 6	1.54	1.10 - 2.16	1.77	1.24 - 2.51	0.478
Region 7	1.54	1.07 - 2.21	1.80	1.26 - 2.59	0.438
Illinois	1.91	1.65 - 2.22	1.69	1.46 - 1.96	0.211
Region I (Cook)	2.28	1.84 - 2.83	2.00	1.63 - 2.44	0.344
Region II	1.68	1.35 - 2.08	1.33	1.06 - 1.67	0.119
Region III	1.61	1.21 - 2.14	1.74	1.34 - 2.25	0.661
Region IV	1.42	1.03 - 1.95	1.58	1.17 - 2.13	0.555
Region V	1.72	1.30 - 2.28	1.62	1.22 - 2.14	0.712
Indiana	1.90	1.54 - 2.35	1.77	1.42 - 2.22	0.570
Central	2.03	1.47 - 2.79	1.93	1.37 - 2.72	0.805
East	1.82	1.27 - 2.60	1.93	1.34 - 2.78	0.764
North Central	1.92	1.37 - 2.67	1.68	1.18 - 2.38	0.489
Northeast	1.73	1.23 - 2.43	1.59	1.09 - 2.33	0.709
Northwest	1.73	1.22 - 2.46	1.85	1.27 - 2.68	0.763
Southeast	1.88	1.33 - 2.64	1.61	1.12 - 2.30	0.425
Southwest	1.77	1.23 - 2.54	1.63	1.12 - 2.38	0.685
West	2.14	1.53 - 2.98	1.75	1.20 - 2.52	0.293
Iowa	1.57	1.22 - 2.02	1.41	1.12 - 1.77	0.410
Central	1.71	1.19 - 2.45	1.55	1.10 - 2.19	0.625
North Central	1.63	1.13 - 2.36	1.58	1.08 - 2.31	0.868
Northeast	1.55	1.11 - 2.16	1.29	0.92 - 1.81	0.351
Northwest	1.39	0.94 - 2.04	1.21	0.84 - 1.75	0.518
Southeast	1.69	1.17 - 2.42	1.46	1.02 - 2.08	0.466
Southwest	1.41	0.94 - 2.12	1.46	0.99 - 2.13	0.891
Kansas	1.65	1.29 - 2.10	1.54	1.21 - 1.97	0.639
Kansas City Metro	1.76	1.27 - 2.43	1.48	1.05 - 2.07	0.369
Northeast	1.58	1.11 - 2.23	1.46	1.00 - 2.11	0.697
South Central	1.65	1.14 - 2.38	1.52	1.04 - 2.21	0.675
Southeast	1.46	0.99 - 2.13	1.59	1.07 - 2.35	0.691
West	1.52	1.04 - 2.23	1.25	0.86 - 1.83	0.355
Wichita (Sedgwick)	1.69	1.17 - 2.44	1.95	1.32 - 2.86	0.536

See notes at end of table.

(continued)

Table 19 Illicit Drug Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	<i>P</i>Value
Kentucky	2.22	1.76 - 2.80	1.97	1.59 - 2.44	0.351
Adanta, Cumberland River, and Lifeskills	1.90	1.35 - 2.66	1.83	1.30 - 2.58	0.856
Bluegrass, Comprehend, and North Key	2.36	1.72 - 3.25	2.05	1.50 - 2.79	0.442
Communicare and River Valley	1.98	1.36 - 2.88	1.71	1.17 - 2.51	0.483
Four Rivers and Pennyroyal	2.41	1.64 - 3.54	1.90	1.31 - 2.76	0.259
Kentucky River, Mountain, and Pathways	2.18	1.53 - 3.10	2.00	1.37 - 2.91	0.678
Seven Counties	2.36	1.72 - 3.23	2.11	1.54 - 2.90	0.558
Louisiana	2.22	1.79 - 2.75	1.91	1.55 - 2.36	0.246
Regions 1 and 10	--	-- --	2.02	1.50 - 2.71	--
Region 1	2.75	1.89 - 3.98	2.14	1.47 - 3.10	0.246
Region 10 (Jefferson)	2.20	1.52 - 3.16	1.90	1.32 - 2.74	0.489
Regions 2 and 9	2.19	1.62 - 2.96	1.96	1.43 - 2.68	0.551
Region 3	1.97	1.39 - 2.77	1.70	1.17 - 2.46	0.479
Regions 4, 5, and 6	--	-- --	1.94	1.41 - 2.66	--
Regions 7 and 8	2.25	1.62 - 3.12	1.81	1.31 - 2.50	0.260
Maine¹	1.80	1.47 - 2.21	1.69	1.34 - 2.11	0.577
Aroostook/Downeast	--	-- --	1.61	1.17 - 2.22	--
Aroostook	--	-- --	1.65	1.12 - 2.42	--
Downeast	--	-- --	1.58	1.08 - 2.31	--
Central	--	-- --	1.42	0.97 - 2.09	--
Cumberland	1.88	1.36 - 2.57	2.04	1.46 - 2.84	0.658
Midcoast	1.60	1.14 - 2.24	1.40	0.95 - 2.06	0.514
Penquis	--	-- --	2.28	1.62 - 3.20	--
Western	--	-- --	1.55	1.10 - 2.19	--
York	1.78 ^b	1.28 - 2.48	1.30	0.90 - 1.87	0.090
Maryland	1.95	1.55 - 2.44	1.94	1.57 - 2.40	0.968
Anne Arundel	1.93	1.36 - 2.71	1.71	1.16 - 2.51	0.552
Baltimore City	2.47	1.68 - 3.62	2.70	1.85 - 3.93	0.699
Baltimore County	--	-- --	2.06	1.46 - 2.90	--
Montgomery	1.48	1.04 - 2.12	1.62	1.15 - 2.28	0.658
North Central	--	-- --	1.86	1.30 - 2.66	--
Northeast	--	-- --	1.90	1.29 - 2.79	--
Prince George's	2.06	1.40 - 3.01	1.87	1.31 - 2.66	0.653
South	--	-- --	1.96	1.37 - 2.82	--
West	--	-- --	1.86	1.28 - 2.70	--

See notes at end of table.

(continued)

Table 19 Illicit Drug Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		<i>P</i> Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Massachusetts	2.29	1.87 - 2.80	1.99	1.61 - 2.46	0.253
Boston	2.99	2.17 - 4.12	2.73	1.94 - 3.83	0.627
Central	2.05	1.47 - 2.85	2.20	1.54 - 3.12	0.717
Metrowest	2.12	1.56 - 2.87	1.73	1.23 - 2.42	0.276
Northeast	2.20	1.60 - 3.02	1.69	1.19 - 2.38	0.184
Southeast	2.27	1.64 - 3.12	1.94	1.41 - 2.67	0.415
Western	2.34	1.70 - 3.21	2.09	1.47 - 2.96	0.545
Michigan¹	2.09	1.82 - 2.41	1.92	1.68 - 2.20	0.360
Detroit City	3.19	2.26 - 4.49	3.18	2.28 - 4.41	0.987
Genesee	2.25	1.66 - 3.03	1.99	1.45 - 2.72	0.520
Kalamazoo	--	-- --	1.89	1.43 - 2.49	--
Kent	2.26	1.70 - 3.01	2.12	1.59 - 2.83	0.728
Lakeshore	--	-- --	1.58	1.16 - 2.13	--
Macomb	1.77	1.33 - 2.34	1.57	1.18 - 2.08	0.492
Mid South	--	-- --	1.84	1.39 - 2.44	--
Northern	1.73	1.31 - 2.27	1.64	1.24 - 2.16	0.756
Oakland	2.28 ^b	1.74 - 2.99	1.64	1.26 - 2.14	0.059
Pathways and Western	--	-- --	1.68	1.20 - 2.35	--
Riverhaven	1.68	1.22 - 2.31	1.69	1.24 - 2.32	0.960
Saginaw	1.86	1.32 - 2.62	1.94	1.37 - 2.74	0.846
Southeast	1.98	1.52 - 2.56	2.36	1.82 - 3.05	0.307
St. Clair	1.78	1.31 - 2.42	1.51	1.08 - 2.10	0.395
Washtenaw	2.13	1.59 - 2.84	1.85	1.39 - 2.46	0.420
Minnesota	1.72	1.38 - 2.15	1.44	1.13 - 1.83	0.148
Regions 1 and 2	1.62	1.15 - 2.27	1.52	1.02 - 2.26	0.751
Regions 3 and 4	1.91	1.38 - 2.65	1.40	0.97 - 2.01	0.112
Regions 5 and 6	1.52	1.08 - 2.14	1.42	0.98 - 2.05	0.742
Region 7A (Hennepin)	1.88	1.34 - 2.61	1.44	0.98 - 2.09	0.182
Region 7B (Ramsey)	1.86	1.28 - 2.69	1.67	1.11 - 2.49	0.595
Region 7C	1.59	1.14 - 2.21	1.34	0.95 - 1.89	0.375
Mississippi	1.80	1.41 - 2.31	1.92	1.53 - 2.40	0.667
Region 1	1.56	1.09 - 2.24	1.75	1.25 - 2.45	0.572
Region 2	1.91	1.29 - 2.83	2.15	1.48 - 3.10	0.606
Region 3	1.65	1.13 - 2.42	1.90	1.34 - 2.70	0.510
Region 4	1.85	1.30 - 2.64	2.16	1.54 - 3.03	0.464
Region 5	1.61	1.05 - 2.46	1.74	1.18 - 2.57	0.754
Region 6	1.85	1.29 - 2.66	1.88	1.30 - 2.71	0.949
Region 7	2.16	1.46 - 3.17	1.81	1.25 - 2.60	0.432

See notes at end of table.

(continued)

Table 19 Illicit Drug Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Missouri	1.85	1.51 - 2.27	1.84	1.48 - 2.28	0.945
Central	2.00	1.48 - 2.70	1.90	1.35 - 2.68	0.777
Eastern	1.77	1.34 - 2.33	1.72	1.30 - 2.28	0.862
Eastern (St. Louis City and County)	1.76	1.26 - 2.46	1.71	1.20 - 2.43	0.880
Eastern (excluding St. Louis)	1.78	1.28 - 2.47	1.74	1.22 - 2.46	0.896
Northwest	1.95	1.49 - 2.54	1.94	1.48 - 2.55	0.983
Northwest (Jackson)	2.16	1.54 - 3.03	2.12	1.49 - 2.99	0.916
Northwest (excluding Jackson)	1.76	1.27 - 2.43	1.80	1.26 - 2.55	0.904
Southeast	1.69	1.19 - 2.39	1.85	1.29 - 2.66	0.634
Southwest	1.89	1.38 - 2.58	1.86	1.31 - 2.64	0.939
Montana	1.84	1.50 - 2.27	1.97	1.60 - 2.42	0.601
Region 1	1.69	1.20 - 2.38	1.58	1.09 - 2.29	0.742
Region 2	1.99	1.42 - 2.77	2.11	1.48 - 2.98	0.757
Region 3	1.59	1.13 - 2.22	1.58	1.13 - 2.22	0.992
Region 4	1.87	1.40 - 2.49	2.18	1.60 - 2.96	0.370
Region 5	1.97	1.44 - 2.67	2.07	1.55 - 2.76	0.765
Nebraska	1.86 ^b	1.49 - 2.32	1.44	1.12 - 1.85	0.072
Regions 1 and 2	1.74	1.21 - 2.50	1.35	0.97 - 1.88	0.186
Region 1	--	-- --	1.35	0.90 - 2.03	--
Region 2	--	-- --	1.35	0.91 - 2.02	--
Region 3	1.66	1.16 - 2.38	1.24	0.85 - 1.80	0.157
Region 4	1.74 ^b	1.22 - 2.48	1.17	0.79 - 1.74	0.067
Region 5	1.87	1.34 - 2.61	1.46	1.03 - 2.08	0.234
Region 6	2.00	1.47 - 2.71	1.58	1.15 - 2.18	0.218
Nevada¹	1.85	1.43 - 2.38	2.02	1.58 - 2.57	0.563
Clark – Region 1	1.89	1.40 - 2.55	1.98	1.49 - 2.63	0.807
Region 3	1.52	1.05 - 2.19	1.61	1.16 - 2.24	0.759
Capital District	--	-- --	1.59	1.07 - 2.36	--
Rural/Frontier	--	-- --	1.63	1.09 - 2.44	--
Washoe – Region 2	1.94	1.40 - 2.69	2.51	1.80 - 3.50	0.182
New Hampshire	2.09	1.67 - 2.62	2.01	1.65 - 2.45	0.737
Central	2.03	1.54 - 2.67	1.98	1.51 - 2.58	0.863
Central 1	2.04	1.44 - 2.88	2.23	1.61 - 3.07	0.644
Central 2	2.02	1.44 - 2.82	1.73	1.22 - 2.45	0.434
Northern	2.00	1.42 - 2.82	1.99	1.42 - 2.78	0.966
Southern	2.15	1.65 - 2.78	2.03	1.61 - 2.55	0.703
Southern 1 (Rockingham)	2.06	1.44 - 2.94	1.79	1.31 - 2.43	0.457
Southern 2	2.20	1.64 - 2.94	2.18	1.65 - 2.87	0.957
New Jersey	1.71	1.36 - 2.15	1.71	1.36 - 2.15	0.994
Central	1.63	1.18 - 2.25	1.51	1.06 - 2.15	0.685
Metropolitan	1.88	1.32 - 2.68	2.11	1.54 - 2.90	0.575
Northern	1.64	1.19 - 2.27	1.50	1.06 - 2.10	0.648
Southern	1.69	1.21 - 2.38	1.78	1.27 - 2.48	0.804

See notes at end of table.

(continued)

Table 19 Illicit Drug Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
New Mexico	2.36	1.88 - 2.96	2.16	1.75 - 2.68	0.512
Region 1	2.08	1.49 - 2.91	2.45	1.79 - 3.36	0.393
Region 2	2.12	1.47 - 3.07	1.52	1.04 - 2.21	0.116
Region 3 (Bernalillo)	2.59	1.94 - 3.46	2.54	1.88 - 3.44	0.918
Region 4	2.15	1.51 - 3.05	2.05	1.45 - 2.90	0.809
Region 5	2.60 ^a	1.90 - 3.55	1.79	1.26 - 2.52	0.050
New York	2.08	1.80 - 2.42	1.98	1.71 - 2.29	0.598
Region A	2.13	1.73 - 2.62	2.09	1.71 - 2.54	0.876
Region 1	2.39	1.69 - 3.38	2.54	1.83 - 3.50	0.789
Region 2	2.05	1.49 - 2.81	2.20	1.68 - 2.88	0.708
Region 3	2.47	1.79 - 3.40	2.07	1.46 - 2.92	0.406
Region 4	1.85	1.35 - 2.53	1.68	1.23 - 2.29	0.639
Region B	--	-- --	1.85	1.51 - 2.25	--
Region 5	1.87	1.46 - 2.41	1.75	1.33 - 2.30	0.670
Region 6	1.93	1.45 - 2.56	1.75	1.27 - 2.40	0.585
Region 7	2.19	1.61 - 2.98	2.32	1.70 - 3.15	0.755
Region C	--	-- --	2.00	1.69 - 2.37	--
Region 8	2.27	1.70 - 3.04	1.83	1.35 - 2.46	0.186
Region 9	2.14	1.61 - 2.86	2.24	1.68 - 3.00	0.790
Region 10	2.13	1.57 - 2.87	2.08	1.50 - 2.88	0.902
Region 11	2.40	1.79 - 3.20	1.95	1.47 - 2.59	0.232
Region 12	1.98	1.50 - 2.62	1.96	1.45 - 2.65	0.954
Region D	1.99	1.60 - 2.46	1.82	1.45 - 2.28	0.468
Region 13	1.95	1.41 - 2.67	1.90	1.36 - 2.64	0.888
Region 14	1.98	1.46 - 2.69	1.90	1.34 - 2.68	0.816
Region 15	2.03	1.48 - 2.78	1.66	1.19 - 2.31	0.279
North Carolina	1.94	1.55 - 2.44	2.06	1.68 - 2.53	0.638
Alliance	--	-- --	2.17	1.53 - 3.06	--
Cardinal Innovations	--	-- --	1.89	1.34 - 2.65	--
CenterPoint/Guilford	--	-- --	2.13	1.59 - 2.85	--
CenterPoint	--	-- --	2.06	1.43 - 2.95	--
Guilford	--	-- --	2.21	1.53 - 3.18	--
CoastalCare	--	-- --	2.56	1.77 - 3.69	--
Eastpointe	--	-- --	2.28	1.59 - 3.24	--
ECBH	--	-- --	2.06	1.42 - 3.00	--
MeckLINK	--	-- --	2.11	1.46 - 3.05	--
Partners	--	-- --	1.96	1.38 - 2.79	--
Sandhills	--	-- --	1.93	1.33 - 2.77	--
Smoky Mountain	--	-- --	1.71	1.16 - 2.50	--
Western Highlands	--	-- --	1.73	1.19 - 2.51	--

See notes at end of table.

(continued)

Table 19 Illicit Drug Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
North Dakota	1.57	1.22 - 2.02	1.42	1.11 - 1.80	0.476
Badlands and West Central Lake Region and South Central	1.28	0.89 - 1.85	1.23	0.86 - 1.76	0.848
North Central and Northwest	1.35	0.93 - 1.97	1.30	0.89 - 1.88	0.839
Northeast	1.47	1.02 - 2.13	1.44	0.99 - 2.09	0.907
Southeast	1.67	1.16 - 2.39	1.80	1.26 - 2.58	0.695
	1.99	1.42 - 2.79	1.46	1.02 - 2.08	0.122
Ohio	1.99	1.74 - 2.27	2.05	1.79 - 2.34	0.720
Boards 2, 46, 55, and 68	1.68	1.21 - 2.33	1.87	1.37 - 2.55	0.563
Boards 3, 52, and 85	1.68	1.23 - 2.31	1.86	1.35 - 2.55	0.616
Boards 4 and 78	1.94	1.43 - 2.62	1.72	1.23 - 2.41	0.530
Boards 5 and 60	2.17	1.60 - 2.94	2.08	1.51 - 2.86	0.813
Boards 7, 15, 41, 79, and 84	1.84	1.35 - 2.51	1.59	1.16 - 2.19	0.433
Boards 8, 13, and 83	2.13	1.56 - 2.89	1.81	1.32 - 2.47	0.403
Board 9 (Butler)	2.17	1.60 - 2.94	2.04	1.47 - 2.83	0.722
Board 12	2.15	1.58 - 2.90	2.10	1.52 - 2.89	0.909
Boards 18 and 47	1.92	1.46 - 2.52	1.79	1.37 - 2.34	0.683
Boards 20, 32, 54, and 69	1.88	1.36 - 2.60	1.67	1.18 - 2.36	0.554
Boards 21, 39, 51, 70, and 80	1.72	1.23 - 2.38	2.03	1.49 - 2.77	0.380
Boards 22, 74, and 87	1.69	1.22 - 2.35	1.84	1.33 - 2.54	0.652
Boards 23 and 45	1.68	1.23 - 2.30	2.05	1.48 - 2.82	0.283
Board 25 (Franklin)	2.37	1.81 - 3.09	2.93	2.25 - 3.80	0.205
Boards 27, 71, and 73	1.89	1.39 - 2.56	2.21	1.59 - 3.05	0.413
Boards 28, 43, and 67	1.79	1.34 - 2.38	1.79	1.33 - 2.42	0.989
Board 31 (Hamilton)	2.25	1.68 - 3.02	2.33	1.74 - 3.10	0.859
Board 48 (Lucas)	1.86	1.34 - 2.57	2.15	1.57 - 2.94	0.446
Boards 50 and 76	1.86	1.36 - 2.54	1.56	1.14 - 2.13	0.349
Board 57 (Montgomery)	2.41	1.76 - 3.30	2.54	1.88 - 3.42	0.789
Board 77 (Summit)	2.10	1.54 - 2.86	2.11	1.55 - 2.87	0.966
Oklahoma	1.90	1.52 - 2.38	1.70	1.34 - 2.16	0.400
Central	2.03	1.44 - 2.85	1.49	1.02 - 2.16	0.112
East Central	1.58	1.09 - 2.27	1.48	1.00 - 2.19	0.773
Northeast	1.82	1.29 - 2.57	1.56	1.10 - 2.21	0.429
Northwest and Southwest	1.82	1.27 - 2.59	1.87	1.27 - 2.75	0.885
Oklahoma County	2.08	1.46 - 2.94	1.84	1.29 - 2.63	0.564
Southeast	1.64	1.15 - 2.32	1.76	1.20 - 2.56	0.738
Tulsa County	2.22	1.58 - 3.12	1.77	1.21 - 2.58	0.297
Oregon	2.04	1.61 - 2.57	2.24	1.83 - 2.75	0.436
Region 1 (Multnomah)	2.58	1.85 - 3.59	3.36	2.40 - 4.69	0.179
Region 2	1.88	1.34 - 2.63	1.69	1.21 - 2.36	0.586
Region 3	1.95	1.37 - 2.75	2.22	1.68 - 2.93	0.488
Region 4	1.89	1.32 - 2.71	1.93	1.36 - 2.71	0.930
Region 5 (Central)	--	-- --	1.84	1.28 - 2.64	--
Region 6 (Eastern)	--	-- --	2.05	1.40 - 3.01	--

See notes at end of table.

(continued)

Table 19 Illicit Drug Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	<i>P</i> Value
Pennsylvania¹	1.64	1.42 - 1.91	1.82	1.58 - 2.10	0.289
Region 1 (Allegheny)	1.77	1.33 - 2.36	2.12	1.58 - 2.84	0.340
Regions 3, 8, 9, and 51	--	-- --	1.73	1.26 - 2.37	--
Regions 4, 11, 37, and 49	1.58	1.17 - 2.13	1.82	1.34 - 2.46	0.417
Regions 5, 18, 23, 24, and 46	1.47	1.09 - 1.98	1.66	1.19 - 2.31	0.520
Regions 6, 12, 16, 31, 35, 45, and 47	--	-- --	1.63	1.19 - 2.24	--
Regions 7, 13, 20, and 33	1.60	1.25 - 2.04	1.59	1.25 - 2.02	0.977
Regions 10, 15, 27, 32, 43, and 44	--	-- --	1.59	1.16 - 2.17	--
Regions 17 and 21	1.60	1.15 - 2.22	1.85	1.34 - 2.55	0.431
Regions 19, 26, 28, and 42	1.40	1.05 - 1.87	1.50	1.12 - 2.00	0.716
Regions 22, 38, 40, 41, and 48	1.32	0.94 - 1.85	1.53	1.12 - 2.10	0.472
Regions 29 and 34	1.60	1.15 - 2.21	1.62	1.17 - 2.23	0.940
Regions 30 and 50	--	-- --	1.49	1.07 - 2.06	--
Region 36 (Philadelphia)	2.28	1.72 - 3.01	2.94	2.22 - 3.89	0.169
Rhode Island	2.73	2.16 - 3.44	2.28	1.80 - 2.89	0.216
Bristol and Newport	2.85 ^a	1.96 - 4.13	1.51	1.02 - 2.24	0.002
Kent	2.40	1.69 - 3.40	2.01	1.41 - 2.85	0.369
Providence	2.84	2.15 - 3.72	2.55	1.92 - 3.38	0.557
Washington	2.51	1.79 - 3.51	2.15	1.52 - 3.05	0.414
South Carolina	1.76	1.38 - 2.25	1.86	1.48 - 2.34	0.714
Region 1	1.90	1.36 - 2.64	1.84	1.32 - 2.54	0.871
Region 2	1.67	1.19 - 2.34	1.69	1.22 - 2.33	0.963
Region 3	1.63	1.13 - 2.35	1.84	1.26 - 2.69	0.595
Region 4	1.83	1.29 - 2.57	2.09	1.49 - 2.92	0.520
South Dakota	1.64	1.32 - 2.04	1.34	1.03 - 1.74	0.149
Region 1	--	-- --	1.48	1.02 - 2.13	--
Region 2	--	-- --	1.06	0.70 - 1.59	--
Region 3	--	-- --	1.21	0.84 - 1.76	--
Region 4	--	-- --	1.29	0.86 - 1.93	--
Region 5	--	-- --	1.45	0.99 - 2.10	--
Tennessee	1.93	1.52 - 2.44	2.14	1.73 - 2.64	0.421
Region 1	1.74	1.21 - 2.50	1.83	1.29 - 2.60	0.788
Region 2	1.82	1.29 - 2.58	2.22	1.57 - 3.13	0.316
Region 3	--	-- --	2.20	1.58 - 3.06	--
Region 4 (Davidson)	2.46	1.68 - 3.59	2.16	1.50 - 3.09	0.536
Region 5	--	-- --	2.05	1.48 - 2.83	--
Region 6	1.88	1.29 - 2.73	2.11	1.48 - 3.00	0.561
Region 7 (Shelby)	2.18	1.47 - 3.23	2.30	1.60 - 3.30	0.809

See notes at end of table.

(continued)

Table 19 Illicit Drug Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	<i>P</i> Value
Texas	1.76	1.53 - 2.01	1.58	1.37 - 1.83	0.242
Region 1	2.05	1.53 - 2.74	1.72	1.24 - 2.38	0.333
Region 2	1.84	1.33 - 2.54	1.41	0.98 - 2.02	0.159
Region 3	1.70	1.40 - 2.06	1.80	1.47 - 2.19	0.675
Region 3a	1.70	1.35 - 2.14	1.92	1.49 - 2.48	0.447
Region 3bc	1.70	1.29 - 2.24	1.57	1.18 - 2.11	0.680
Region 4	1.68	1.24 - 2.29	1.30	0.91 - 1.86	0.202
Region 5	2.10	1.48 - 2.96	1.55	1.11 - 2.17	0.107
Region 6	1.56	1.24 - 1.97	1.48	1.16 - 1.89	0.733
Region 6a	1.53	1.19 - 1.98	1.48	1.13 - 1.92	0.835
Region 6bc	1.80	1.31 - 2.47	1.49	1.04 - 2.12	0.339
Region 7	2.17 ^a	1.75 - 2.69	1.46	1.13 - 1.89	0.007
Region 7a	2.22 ^a	1.69 - 2.92	1.45	1.06 - 1.99	0.019
Region 7bcd	2.10 ^b	1.58 - 2.78	1.48	1.06 - 2.06	0.055
Region 8	1.79	1.37 - 2.34	1.63	1.22 - 2.18	0.556
Region 9	1.68	1.21 - 2.33	1.52	1.08 - 2.14	0.612
Region 10	1.78	1.29 - 2.46	1.53	1.09 - 2.15	0.417
Region 11	1.61	1.27 - 2.05	1.47	1.13 - 1.92	0.536
Region 11abd	1.60	1.19 - 2.16	1.52	1.09 - 2.11	0.757
Region 11c (Hidalgo)	1.64	1.17 - 2.29	1.40	0.99 - 1.99	0.416
Utah	1.83	1.47 - 2.28	1.97	1.58 - 2.46	0.567
Bear River, Northeastern, Summit, Tooele, and Wasatch	1.92	1.37 - 2.70	1.77	1.24 - 2.52	0.659
Central, Four Corners, San Juan, and Southwest	1.58	1.10 - 2.27	1.86	1.27 - 2.72	0.421
Davis County	1.82	1.27 - 2.60	2.10	1.46 - 3.02	0.485
Salt Lake County	1.85	1.38 - 2.48	1.96	1.44 - 2.66	0.756
Utah County	1.85	1.31 - 2.61	2.13	1.50 - 3.01	0.460
Weber, Morgan	1.93	1.35 - 2.76	1.96	1.34 - 2.87	0.948
Vermont	2.16	1.77 - 2.64	2.28	1.86 - 2.79	0.663
Champlain Valley	2.47	1.91 - 3.20	2.47	1.89 - 3.21	0.987
Rural Northeast	2.15	1.59 - 2.91	2.29	1.68 - 3.11	0.741
Rural Southeast	1.77	1.24 - 2.52	2.14	1.57 - 2.93	0.317
Rural Southwest	1.97	1.42 - 2.72	1.97	1.41 - 2.75	0.987
Virginia	1.99	1.57 - 2.52	1.73	1.39 - 2.15	0.300
Region 1	--	-- --	1.84	1.32 - 2.55	--
Region 2	1.95 ^b	1.38 - 2.75	1.31	0.91 - 1.88	0.051
Region 3	1.92	1.35 - 2.73	1.58	1.13 - 2.21	0.342
Region 4	--	-- --	1.90	1.34 - 2.69	--
Region 5	2.05	1.45 - 2.88	2.16	1.56 - 2.99	0.769

See notes at end of table.

(continued)

Table 19 Illicit Drug Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	<i>P</i>Value
Washington¹	2.26	1.83 - 2.79	1.89	1.54 - 2.33	0.141
Region 1	--	-- --	1.84	1.36 - 2.47	--
East 1 (previously Region 1)	2.24	1.64 - 3.06	1.95	1.38 - 2.76	0.433
East 2 (previously Region 2)	2.14	1.51 - 3.02	1.68	1.14 - 2.47	0.245
Region 2	--	-- --	1.89	1.48 - 2.41	--
North 1 (previously Region 3)	2.30	1.67 - 3.16	2.06	1.50 - 2.82	0.541
North 2 (previously Region 4)	2.31	1.69 - 3.16	1.79	1.31 - 2.44	0.185
Region 3	--	-- --	1.94	1.47 - 2.55	--
West 1 (previously Region 5)	2.41	1.73 - 3.33	1.99	1.42 - 2.80	0.319
West 2 (previously Region 6)	2.07	1.49 - 2.87	1.89	1.34 - 2.67	0.650
West Virginia¹	1.99	1.62 - 2.45	2.11	1.72 - 2.59	0.635
Region I	1.75	1.22 - 2.50	1.70	1.17 - 2.47	0.896
Region II	--	-- --	2.11	1.49 - 2.97	--
Region III	1.80	1.26 - 2.57	1.68	1.17 - 2.42	0.733
Region IV	--	-- --	2.63	1.99 - 3.48	--
Region V	--	-- --	2.18	1.61 - 2.95	--
Region VI	--	-- --	1.78	1.25 - 2.53	--
Wisconsin	1.72	1.37 - 2.16	1.56	1.22 - 1.98	0.469
Milwaukee	1.94	1.34 - 2.79	2.12	1.41 - 3.16	0.706
Northeastern	1.62	1.15 - 2.27	1.41	1.00 - 1.99	0.482
Northern	1.55	1.07 - 2.23	1.33	0.89 - 1.98	0.482
Southeastern	1.53	1.07 - 2.19	1.50	1.03 - 2.17	0.924
Southern	--	-- --	1.48	1.04 - 2.11	--
Western	--	-- --	1.45	1.00 - 2.10	--

See notes at end of table.

(continued)

Table 19 Illicit Drug Dependence in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		<i>P</i> Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Wyoming	1.81 ^b	1.44 - 2.28	1.43	1.11 - 1.85	0.084
Judicial District 1 (Laramie)	1.96	1.37 - 2.81	1.56	1.06 - 2.27	0.283
Judicial District 2	2.26	1.61 - 3.17	1.70	1.14 - 2.54	0.145
Judicial District 3	1.70	1.20 - 2.41	1.37	0.92 - 2.03	0.355
Judicial District 4	1.74	1.21 - 2.51	1.22	0.80 - 1.86	0.132
Judicial District 5	1.60	1.09 - 2.34	1.17	0.77 - 1.78	0.175
Judicial District 6	1.76	1.24 - 2.48	1.45	0.97 - 2.16	0.366
Judicial District 7 (Natrona)	1.78	1.25 - 2.55	1.54	1.03 - 2.29	0.502
Judicial District 8	1.51	1.03 - 2.20	1.16	0.77 - 1.73	0.224
Judicial District 9	1.85	1.26 - 2.73	1.46	0.96 - 2.21	0.264

ECBH = East Carolina Behavioral Health; SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2002-2004 and 2010-2012); hence, the 2002-2004 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2010-2012 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=34>.

NOTE: Substate, State, and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques, with their *p* values being the Bayes posterior probability of no change between the 2002-2004 and 2010-2012 estimates. The "Total U.S." estimates, along with the 95 percent confidence intervals and *p* values, are based on design-based (direct) estimation methods.

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

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

^a Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.10 level.

¹ Names of some of the substate regions for this State have changed across the two time periods (2002-2004 vs. 2010-2012). For details, see the methodology write-up for comparing estimates located below the tables.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2004, 2010, 2011, and 2012 (2010 Data - Revised March 2012).

Table 20 Dependence or Abuse of Illicit Drugs or Alcohol in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Total United States	9.28 ^a	9.07 - 9.50	8.40	8.21 - 8.60	0.000
Northeast	8.95	8.56 - 9.35	8.60	8.19 - 9.03	0.210
Midwest	10.02 ^a	9.69 - 10.37	8.58	8.23 - 8.93	0.000
South	8.74 ^a	8.44 - 9.04	7.68	7.36 - 8.00	0.000
West	9.67	9.24 - 10.13	9.25	8.81 - 9.70	0.163
Alabama	7.36	6.38 - 8.47	6.82	5.88 - 7.90	0.400
Region 1	7.09	5.74 - 8.73	6.08	4.78 - 7.70	0.252
Region 2	7.82	6.41 - 9.52	7.65	6.20 - 9.40	0.858
Region 3	7.28	5.75 - 9.16	6.29	4.96 - 7.94	0.289
Region 4	7.09	5.75 - 8.71	7.00	5.51 - 8.85	0.923
Alaska	10.19	8.94 - 11.59	9.53	8.27 - 10.95	0.457
Anchorage	--	-- --	10.29	8.56 - 12.33	--
Northern	--	-- --	9.54	7.68 - 11.79	--
South Central	--	-- --	8.20	6.41 - 10.43	--
Southeast	10.21	8.10 - 12.78	9.83	7.63 - 12.58	0.792
Arizona	11.04	9.72 - 12.52	9.88	8.53 - 11.41	0.200
Maricopa	11.46	9.88 - 13.26	10.07	8.44 - 11.96	0.216
Pima	10.90	8.86 - 13.33	10.49	8.18 - 13.34	0.777
Rural North	10.03	8.08 - 12.38	8.51	6.52 - 11.03	0.261
Rural South	10.10	8.03 - 12.63	9.49	7.19 - 12.42	0.674
Arkansas¹	8.54 ^b	7.55 - 9.66	7.39	6.41 - 8.51	0.072
Catchment Area 1	--	-- --	7.14	5.66 - 8.97	--
Catchment Area 2	7.44	5.92 - 9.32	6.58	4.98 - 8.65	0.386
Catchment Area 3	8.68 ^b	7.04 - 10.65	6.62	5.00 - 8.72	0.058
Catchment Area 4	--	-- --	7.73	5.94 - 10.01	--
Catchment Area 5	--	-- --	8.31	6.46 - 10.64	--
Catchment Area 6	--	-- --	7.47	5.62 - 9.85	--
Catchment Area 7	--	-- --	6.75	5.11 - 8.86	--
Catchment Area 8	8.60	7.03 - 10.49	8.00	6.37 - 10.01	0.582

See notes at end of table.

(continued)

Table 20 Dependence or Abuse of Illicit Drugs or Alcohol in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
California	9.15	8.49 - 9.85	9.08	8.41 - 9.80	0.882
Region 1R	--	---	10.69	8.47 - 13.42	--
Region 2R	--	---	9.31	7.46 - 11.56	--
Region 3R (Sacramento)	--	---	9.53	7.66 - 11.80	--
Region 4R	--	---	9.56	7.67 - 11.86	--
Region 5R (San Francisco)	--	---	11.91	9.34 - 15.06	--
Region 6 (Santa Clara)	8.69	7.19 - 10.48	7.75	6.16 - 9.72	0.361
Region 7R (Contra Costa)	--	---	8.69	6.94 - 10.84	--
Region 8R (Alameda)	--	---	9.15	7.36 - 11.31	--
Region 9R (San Mateo)	--	---	7.67	5.93 - 9.86	--
Region 10	10.11	8.38 - 12.15	9.54	7.63 - 11.86	0.634
Region 11 (Los Angeles)	8.51	7.48 - 9.66	8.91	8.02 - 9.89	0.560
LA SPA 1 and 5	--	---	10.07	8.01 - 12.58	--
LA SPA 2	--	---	8.44	6.84 - 10.37	--
LA SPA 3	--	---	7.65	6.19 - 9.42	--
LA SPA 4	--	---	10.42	8.21 - 13.14	--
LA SPA 6	--	---	9.74	7.77 - 12.15	--
LA SPA 7	--	---	8.88	7.20 - 10.91	--
LA SPA 8	--	---	8.61	6.93 - 10.65	--
Region 12R	--	---	8.79	6.85 - 11.21	--
Regions 13 and 19R	--	---	8.51	7.07 - 10.22	--
Region 13 (Riverside)	8.65	7.10 - 10.49	8.55	7.02 - 10.37	0.918
Region 19R (Imperial)	--	---	8.07	6.22 - 10.40	--
Region 14 (Orange)	8.73	7.32 - 10.38	8.21	6.88 - 9.77	0.559
Region 15R (Fresno)	--	---	9.79	7.79 - 12.24	--
Region 16R (San Diego)	--	---	9.82	8.20 - 11.71	--
Region 17R	--	---	9.49	7.66 - 11.71	--
Region 18R (San Bernardino)	--	---	7.69	6.24 - 9.46	--
Region 20R	--	---	9.64	7.69 - 12.02	--
Region 21R	--	---	11.21	9.03 - 13.83	--
Colorado	11.52	10.21 - 12.98	10.30	9.01 - 11.76	0.170
Region 1	11.09	9.13 - 13.42	10.99	8.84 - 13.59	0.939
Regions 2 and 7	12.13	10.38 - 14.12	10.66	8.98 - 12.62	0.227
Region 3	10.56	8.61 - 12.90	9.05	7.14 - 11.41	0.221
Region 4	10.80	8.56 - 13.54	9.13	6.88 - 12.02	0.249
Regions 5 and 6	10.57	8.61 - 12.92	9.91	7.70 - 12.68	0.623
Connecticut	9.39	8.25 - 10.66	8.87	7.66 - 10.25	0.513
Eastern	10.06	8.11 - 12.41	8.98	7.06 - 11.37	0.388
North Central	9.74	8.00 - 11.81	8.28	6.61 - 10.32	0.207
Northwestern	9.10	7.39 - 11.15	8.80	6.86 - 11.22	0.808
South Central	9.20	7.54 - 11.17	9.68	7.70 - 12.10	0.699
Southwest	8.95	7.12 - 11.20	8.72	6.77 - 11.16	0.852

See notes at end of table.

(continued)

Table 20 Dependence or Abuse of Illicit Drugs or Alcohol in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Delaware	9.02	7.94 - 10.24	8.48	7.40 - 9.70	0.477
Kent	8.37	6.68 - 10.44	8.52	6.79 - 10.64	0.891
New Castle (excluding Wilmington City)	9.56	8.23 - 11.08	8.69	7.33 - 10.27	0.367
Sussex	7.82	6.24 - 9.77	7.35	5.74 - 9.36	0.661
Wilmington City	9.72	7.60 - 12.36	10.17	7.82 - 13.13	0.756
District of Columbia	11.77 ^b	10.33 - 13.37	13.73	12.09 - 15.55	0.059
Ward 1	13.72 ^b	11.04 - 16.93	17.09	13.64 - 21.18	0.096
Ward 2	14.26	11.62 - 17.39	15.89	12.98 - 19.30	0.364
Ward 3	12.28	9.92 - 15.12	13.59	10.88 - 16.83	0.450
Ward 4	9.88	7.63 - 12.71	11.87	9.24 - 15.12	0.228
Ward 5	10.58	8.40 - 13.23	12.98	10.22 - 16.35	0.161
Ward 6	11.96 ^b	9.49 - 14.96	15.39	12.11 - 19.36	0.066
Ward 7	10.32	8.07 - 13.11	11.36	8.76 - 14.61	0.518
Ward 8	10.55	8.50 - 13.03	10.94	8.62 - 13.78	0.786
Florida¹	8.84 ^a	8.22 - 9.49	7.67	7.03 - 8.37	0.010
Region A - Northwest	--	-- --	9.67	8.38 - 11.13	--
Circuit 1	9.62	7.94 - 11.62	8.55	6.95 - 10.48	0.291
Circuit 2	--	-- --	11.51	9.34 - 14.10	--
Circuit 14	--	-- --	9.84	7.57 - 12.68	--
Region B - Northeast	--	-- --	8.26	7.17 - 9.51	--
Circuits 3 and 8	--	-- --	9.12	7.31 - 11.32	--
Circuit 4	--	-- --	8.30	6.69 - 10.24	--
Circuit 7	--	-- --	7.67	6.09 - 9.60	--
Region C - Central	--	-- --	7.53	6.66 - 8.50	--
Circuit 5	6.81	5.45 - 8.46	6.52	5.05 - 8.38	0.766
Circuit 9	--	-- --	8.20	6.81 - 9.85	--
Circuit 10	7.44	6.01 - 9.17	6.95	5.53 - 8.70	0.598
Circuit 18	--	-- --	8.48	6.78 - 10.56	--
Circuit 19	7.79	6.26 - 9.65	6.93	5.29 - 9.02	0.411
Region D - Southeast	--	-- --	6.95	5.93 - 8.14	--
Circuit 15 (Palm Beach)	8.18	6.74 - 9.90	7.04	5.62 - 8.77	0.234
Circuit 17 (Broward)	8.70 ^b	7.28 - 10.38	6.89	5.61 - 8.43	0.058
Region E - Sun Coast	--	-- --	8.43	7.39 - 9.61	--
Circuit 6	--	-- --	8.15	6.45 - 10.24	--
Circuit 12	--	-- --	9.18	7.08 - 11.82	--
Circuit 13 (Hillsborough)	--	-- --	8.86	7.31 - 10.71	--
Circuit 20	7.21	5.85 - 8.87	7.84	6.16 - 9.93	0.556
Region F - Southern (Circuits 11 and 16)	7.42 ^a	6.23 - 8.83	5.81	4.79 - 7.04	0.042
Georgia	8.62 ^a	7.55 - 9.83	7.01	6.02 - 8.16	0.018
Region 1	--	-- --	6.29	5.00 - 7.88	--
Region 2	--	-- --	6.61	5.09 - 8.54	--
Region 3	--	-- --	7.52	6.00 - 9.38	--
Region 4	--	-- --	7.12	5.40 - 9.32	--
Region 5	--	-- --	7.91	5.98 - 10.40	--
Region 6	--	-- --	6.89	5.32 - 8.89	--

See notes at end of table.

(continued)

Table 20 Dependence or Abuse of Illicit Drugs or Alcohol in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Hawaii	9.00	7.82 - 10.33	8.22	7.08 - 9.52	0.341
Hawaii Island	9.13	7.24 - 11.44	8.71	6.68 - 11.30	0.758
Honolulu	8.91	7.62 - 10.41	8.02	6.77 - 9.47	0.324
Kauai and Maui	9.28	7.40 - 11.58	8.67	6.86 - 10.90	0.625
Kauai	--	-- --	7.85	5.84 - 10.46	--
Maui	--	-- --	9.03	6.88 - 11.77	--
Idaho	9.05	8.06 - 10.15	9.07	7.90 - 10.39	0.978
Region 1	8.80	7.08 - 10.89	9.07	6.96 - 11.74	0.832
Region 2	10.40	8.45 - 12.75	10.01	7.74 - 12.87	0.775
Region 3	8.50	6.92 - 10.40	8.17	6.42 - 10.35	0.760
Region 4	9.67	8.17 - 11.42	10.51	8.52 - 12.90	0.479
Region 5	8.80	7.15 - 10.78	7.86	6.04 - 10.18	0.416
Region 6	9.28	7.52 - 11.41	9.45	7.35 - 12.08	0.889
Region 7	7.78	6.18 - 9.75	7.24	5.56 - 9.39	0.621
Illinois	10.26 ^a	9.53 - 11.03	8.33	7.66 - 9.06	0.000
Region I (Cook)	11.29 ^a	10.15 - 12.54	8.91	7.87 - 10.07	0.002
Region II	9.68 ^a	8.56 - 10.93	7.41	6.46 - 8.49	0.002
Region III	9.93	8.60 - 11.44	9.41	7.93 - 11.14	0.605
Region IV	8.72	7.36 - 10.31	7.25	5.83 - 8.99	0.118
Region V	8.94	7.59 - 10.49	8.42	7.01 - 10.09	0.585
Indiana	9.36	8.33 - 10.49	8.49	7.34 - 9.81	0.225
Central	9.20	7.60 - 11.11	8.84	6.90 - 11.27	0.761
East	9.55	7.73 - 11.74	9.32	7.22 - 11.94	0.853
North Central	9.15	7.45 - 11.18	8.15	6.34 - 10.43	0.390
Northeast	8.63	6.90 - 10.75	7.74	5.97 - 9.98	0.428
Northwest	8.95	7.23 - 11.04	8.31	6.47 - 10.62	0.580
Southeast	8.59	6.93 - 10.60	7.57	5.78 - 9.86	0.373
Southwest	9.72 ^b	7.76 - 12.11	7.57	5.73 - 9.94	0.076
West	11.32	9.32 - 13.67	9.82	7.78 - 12.32	0.250
Iowa	9.81	8.72 - 11.02	8.77	7.64 - 10.04	0.141
Central	9.93	8.14 - 12.07	8.75	6.92 - 11.02	0.314
North Central	9.70	7.93 - 11.82	9.82	7.69 - 12.46	0.921
Northeast	10.36	8.71 - 12.29	8.56	6.91 - 10.55	0.106
Northwest	8.98	7.28 - 11.03	8.33	6.48 - 10.64	0.573
Southeast	10.10	8.35 - 12.17	8.77	7.02 - 10.90	0.236
Southwest	9.10	7.29 - 11.31	8.79	6.77 - 11.34	0.799
Kansas	9.02	7.96 - 10.20	8.06	6.98 - 9.28	0.155
Kansas City Metro	9.87 ^a	8.31 - 11.68	7.26	5.91 - 8.88	0.008
Northeast	9.13	7.41 - 11.20	8.77	6.85 - 11.16	0.756
South Central	8.02	6.46 - 9.91	8.03	6.14 - 10.44	0.991
Southeast	8.48	6.76 - 10.60	8.88	6.77 - 11.57	0.735
West	7.94	6.34 - 9.89	9.08	6.92 - 11.83	0.351
Wichita (Sedgwick)	9.10	7.38 - 11.18	7.85	6.20 - 9.90	0.247

See notes at end of table.

(continued)

Table 20 Dependence or Abuse of Illicit Drugs or Alcohol in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Kentucky	8.65 ^a	7.58 - 9.85	6.88	5.87 - 8.04	0.011
Adanta, Cumberland River, and Lifeskills	7.43	5.96 - 9.24	6.46	5.02 - 8.28	0.325
Bluegrass, Comprehend, and North Key	9.66 ^a	8.07 - 11.53	7.08	5.61 - 8.89	0.018
Communicare and River Valley	7.95	6.26 - 10.03	6.32	4.74 - 8.37	0.126
Four Rivers and Pennyroyal	8.74	6.91 - 10.99	6.96	5.24 - 9.18	0.104
Kentucky River, Mountain, and Pathways	8.00	6.35 - 10.02	6.94	5.20 - 9.20	0.329
Seven Counties	8.96	7.25 - 11.02	7.15	5.59 - 9.11	0.103
Louisiana	10.00 ^a	8.93 - 11.19	7.87	6.89 - 8.97	0.002
Regions 1 and 10	--	-- --	8.10	6.61 - 9.89	--
Region 1	10.70	8.53 - 13.34	8.52	6.56 - 11.00	0.102
Region 10 (Jefferson)	10.12 ^a	8.10 - 12.56	7.68	5.90 - 9.93	0.044
Regions 2 and 9	10.77 ^a	9.15 - 12.64	7.56	6.14 - 9.27	0.002
Region 3	10.14 ^a	8.18 - 12.50	6.73	5.19 - 8.67	0.003
Regions 4, 5, and 6	--	-- --	8.52	6.90 - 10.47	--
Regions 7 and 8	9.24	7.63 - 11.15	7.71	6.16 - 9.62	0.156
Maine¹	9.02	7.93 - 10.26	7.91	6.81 - 9.18	0.126
Aroostook/Downeast	--	-- --	7.80	6.11 - 9.90	--
Aroostook	--	-- --	7.43	5.49 - 10.00	--
Downeast	--	-- --	8.10	6.01 - 10.82	--
Central	--	-- --	7.64	5.74 - 10.10	--
Cumberland	9.81	8.05 - 11.90	8.51	6.78 - 10.63	0.268
Midcoast	8.41	6.72 - 10.47	7.50	5.59 - 9.99	0.454
Penquis	--	-- --	8.80	6.96 - 11.07	--
Western	--	-- --	7.64	5.93 - 9.79	--
York	8.85	7.13 - 10.93	7.21	5.57 - 9.29	0.141
Maryland	8.56 ^a	7.43 - 9.84	7.20	6.23 - 8.30	0.041
Anne Arundel	8.64	6.84 - 10.86	6.93	5.28 - 9.03	0.112
Baltimore City	10.42	8.17 - 13.20	8.70	6.68 - 11.27	0.234
Baltimore County	--	-- --	7.90	6.17 - 10.05	--
Montgomery	7.33	5.80 - 9.24	6.55	5.10 - 8.37	0.397
North Central	--	-- --	6.49	4.92 - 8.51	--
Northeast	--	-- --	6.82	5.14 - 9.01	--
Prince George's	8.08	6.35 - 10.24	6.93	5.37 - 8.90	0.263
South	--	-- --	7.27	5.59 - 9.40	--
West	--	-- --	7.13	5.44 - 9.28	--

See notes at end of table.

(continued)

Table 20 Dependence or Abuse of Illicit Drugs or Alcohol in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Massachusetts	10.26	9.08 - 11.57	10.01	8.82 - 11.33	0.755
Boston	12.09	9.86 - 14.74	13.38	10.88 - 16.35	0.391
Central	9.98	8.02 - 12.36	9.69	7.59 - 12.31	0.827
Metrowest	10.20	8.39 - 12.35	10.17	8.19 - 12.55	0.979
Northeast	9.71	7.88 - 11.91	9.45	7.56 - 11.76	0.839
Southeast	9.72	7.93 - 11.85	8.90	7.12 - 11.07	0.495
Western	10.55	8.65 - 12.82	9.34	7.32 - 11.83	0.340
Michigan¹	9.88 ^a	9.20 - 10.61	8.74	8.07 - 9.46	0.019
Detroit City	11.24	9.33 - 13.48	10.04	8.16 - 12.28	0.371
Genesee	10.14 ^a	8.46 - 12.11	7.91	6.31 - 9.87	0.036
Kalamazoo	--	-- --	8.22	6.67 - 10.11	--
Kent	10.38	8.75 - 12.27	9.94	8.19 - 12.03	0.700
Lakeshore	--	-- --	8.99	7.44 - 10.84	--
Macomb	10.14	8.56 - 11.98	9.02	7.43 - 10.91	0.312
Mid South	--	-- --	7.88	6.52 - 9.50	--
Northern	9.98 ^b	8.50 - 11.68	8.26	6.73 - 10.12	0.099
Oakland	9.20	7.81 - 10.80	8.44	7.04 - 10.09	0.425
Pathways and Western	--	-- --	11.10	8.87 - 13.80	--
Riverhaven	9.12	7.45 - 11.13	8.88	7.01 - 11.20	0.830
Saginaw	9.30	7.52 - 11.44	8.36	6.40 - 10.85	0.432
Southeast	9.45	8.02 - 11.12	8.44	7.08 - 10.04	0.319
St. Clair	8.38	6.82 - 10.26	7.91	6.20 - 10.03	0.661
Washtenaw	9.47	7.88 - 11.35	9.05	7.45 - 10.94	0.688
Minnesota	10.38 ^b	9.22 - 11.67	8.93	7.81 - 10.20	0.062
Regions 1 and 2	10.26	8.30 - 12.61	9.02	6.83 - 11.83	0.372
Regions 3 and 4	11.03	9.14 - 13.24	9.30	7.43 - 11.58	0.179
Regions 5 and 6	10.60	8.79 - 12.72	9.47	7.52 - 11.87	0.384
Region 7A (Hennepin)	10.21	8.36 - 12.42	9.13	7.30 - 11.37	0.379
Region 7B (Ramsey)	11.14	8.89 - 13.86	9.88	7.73 - 12.55	0.360
Region 7C	9.53 ^b	7.74 - 11.68	7.53	6.06 - 9.32	0.072
Mississippi	7.84	6.78 - 9.03	7.26	6.26 - 8.40	0.393
Region 1	6.98	5.55 - 8.73	6.76	5.34 - 8.53	0.821
Region 2	7.83	6.11 - 9.97	7.75	5.93 - 10.08	0.949
Region 3	7.55	5.99 - 9.47	7.74	6.00 - 9.91	0.863
Region 4	8.58 ^b	6.89 - 10.65	6.61	5.15 - 8.44	0.067
Region 5	7.30	5.59 - 9.48	7.04	5.22 - 9.42	0.818
Region 6	8.06	6.35 - 10.20	7.26	5.55 - 9.43	0.441
Region 7	8.50	6.78 - 10.60	7.99	6.25 - 10.15	0.648

See notes at end of table.

(continued)

Table 20 Dependence or Abuse of Illicit Drugs or Alcohol in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Missouri	10.13 ^a	9.03 - 11.35	7.66	6.67 - 8.78	0.000
Central	10.96 ^a	9.11 - 13.15	7.73	6.10 - 9.74	0.005
Eastern	10.64 ^a	9.10 - 12.39	7.99	6.66 - 9.56	0.005
Eastern (St. Louis City and County)	10.97 ^a	9.09 - 13.19	8.01	6.42 - 9.94	0.011
Eastern (excluding St. Louis)	9.95 ^b	8.12 - 12.13	7.95	6.15 - 10.23	0.082
Northwest	10.36 ^a	8.81 - 12.15	7.84	6.43 - 9.52	0.009
Northwest (Jackson)	11.00 ^b	9.00 - 13.38	8.60	6.71 - 10.96	0.065
Northwest (excluding Jackson)	9.78 ^a	7.93 - 12.00	7.19	5.53 - 9.29	0.023
Southeast	8.57	6.84 - 10.70	7.17	5.50 - 9.30	0.216
Southwest	9.10 ^a	7.47 - 11.05	6.97	5.38 - 8.97	0.045
Montana	11.37	10.10 - 12.78	10.47	9.20 - 11.90	0.318
Region 1	10.22	8.14 - 12.76	9.90	7.55 - 12.88	0.827
Region 2	10.84	8.88 - 13.18	10.01	7.79 - 12.78	0.554
Region 3	10.80	8.92 - 13.01	9.46	7.59 - 11.74	0.283
Region 4	11.67	9.88 - 13.74	11.67	9.63 - 14.07	0.995
Region 5	12.08	10.17 - 14.29	10.49	8.72 - 12.56	0.215
Nebraska	10.84 ^a	9.64 - 12.16	8.42	7.32 - 9.67	0.002
Regions 1 and 2	9.79	7.88 - 12.10	8.34	6.62 - 10.45	0.214
Region 1	--	-- --	8.75	6.50 - 11.70	--
Region 2	--	-- --	7.97	5.98 - 10.54	--
Region 3	10.37	8.39 - 12.75	8.42	6.61 - 10.67	0.116
Region 4	9.44	7.62 - 11.64	7.66	5.81 - 10.03	0.152
Region 5	11.89 ^a	9.98 - 14.09	8.92	7.23 - 10.96	0.016
Region 6	11.08 ^a	9.39 - 13.03	8.36	6.87 - 10.13	0.014
Nevada¹	9.94	8.66 - 11.39	10.58	9.06 - 12.31	0.511
Clark – Region 1	10.01	8.49 - 11.77	9.83	8.18 - 11.78	0.874
Region 3	8.77	7.04 - 10.87	10.58	8.34 - 13.34	0.171
Capital District	--	-- --	10.45	7.78 - 13.89	--
Rural/Frontier	--	-- --	10.70	7.88 - 14.37	--
Washoe – Region 2	10.63 ^a	8.74 - 12.87	13.98	11.21 - 17.29	0.030
New Hampshire	10.51 ^a	9.30 - 11.84	8.75	7.56 - 10.09	0.035
Central	10.39	8.85 - 12.16	8.81	7.24 - 10.68	0.134
Central 1	10.91	9.00 - 13.17	9.55	7.66 - 11.85	0.280
Central 2	9.89	7.96 - 12.21	8.09	6.15 - 10.59	0.176
Northern	10.58	8.53 - 13.05	9.78	7.57 - 12.56	0.578
Southern	10.55 ^a	9.15 - 12.13	8.48	7.21 - 9.95	0.024
Southern 1 (Rockingham)	10.33 ^a	8.40 - 12.64	7.88	6.27 - 9.86	0.045
Southern 2	10.68 ^b	9.02 - 12.59	8.86	7.33 - 10.67	0.097
New Jersey	7.95	6.89 - 9.16	7.72	6.63 - 8.98	0.749
Central	7.80	6.37 - 9.53	7.52	5.93 - 9.48	0.780
Metropolitan	8.30	6.65 - 10.31	7.89	6.29 - 9.84	0.697
Northern	7.37	5.99 - 9.03	7.90	6.33 - 9.82	0.590
Southern	8.62	6.98 - 10.59	7.48	5.85 - 9.51	0.294

See notes at end of table.

(continued)

Table 20 Dependence or Abuse of Illicit Drugs or Alcohol in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
New Mexico	11.93 ^a	10.54 - 13.48	9.56	8.31 - 10.97	0.010
Region 1	10.78 ^b	8.88 - 13.03	8.59	6.91 - 10.63	0.068
Region 2	11.60 ^b	9.39 - 14.24	8.79	6.67 - 11.50	0.059
Region 3 (Bernalillo)	13.00	10.92 - 15.40	11.23	9.23 - 13.59	0.217
Region 4	10.85 ^b	8.80 - 13.31	8.50	6.62 - 10.85	0.074
Region 5	12.40 ^a	10.26 - 14.90	9.05	7.21 - 11.30	0.012
New York	8.78	8.10 - 9.50	8.44	7.76 - 9.19	0.472
Region A	8.53	7.62 - 9.54	8.63	7.69 - 9.66	0.883
Region 1	9.29	7.59 - 11.32	8.36	6.77 - 10.29	0.395
Region 2	8.18	6.80 - 9.82	8.98	7.53 - 10.68	0.421
Region 3	11.13	9.31 - 13.25	9.69	7.87 - 11.88	0.242
Region 4	6.71	5.50 - 8.16	7.52	6.15 - 9.18	0.370
Region B	--	-- --	7.71	6.80 - 8.74	--
Region 5	7.98	6.83 - 9.30	7.39	6.23 - 8.74	0.460
Region 6	8.55	7.04 - 10.34	7.72	6.20 - 9.57	0.396
Region 7	9.09	7.50 - 10.98	8.80	7.08 - 10.89	0.791
Region C	--	-- --	8.91	7.94 - 9.99	--
Region 8	9.60	8.09 - 11.36	8.57	7.00 - 10.46	0.307
Region 9	9.32	7.76 - 11.15	8.59	6.94 - 10.59	0.492
Region 10	9.90	8.25 - 11.85	9.01	7.12 - 11.35	0.429
Region 11	9.32	7.82 - 11.06	9.74	7.92 - 11.91	0.713
Region 12	9.67	8.15 - 11.45	8.68	7.05 - 10.65	0.359
Region D	9.30	8.20 - 10.53	8.46	7.22 - 9.90	0.278
Region 13	9.08	7.44 - 11.04	7.90	6.11 - 10.15	0.284
Region 14	9.58	7.87 - 11.61	9.47	7.43 - 12.02	0.929
Region 15	9.22	7.60 - 11.15	7.97	6.34 - 9.98	0.250
North Carolina	8.09	7.07 - 9.25	7.30	6.25 - 8.51	0.248
Alliance	--	-- --	6.74	5.32 - 8.50	--
Cardinal Innovations	--	-- --	7.27	5.63 - 9.34	--
CenterPoint/Guilford	--	-- --	7.22	5.76 - 9.02	--
CenterPoint	--	-- --	6.85	5.09 - 9.16	--
Guilford	--	-- --	7.62	5.78 - 10.00	--
CoastalCare	--	-- --	8.19	6.15 - 10.83	--
Eastpointe	--	-- --	7.40	5.55 - 9.80	--
ECBH	--	-- --	7.28	5.34 - 9.85	--
MeckLINK	--	-- --	7.31	5.46 - 9.73	--
Partners	--	-- --	7.76	5.90 - 10.16	--
Sandhills	--	-- --	7.06	5.30 - 9.36	--
Smoky Mountain	--	-- --	7.57	5.62 - 10.12	--
Western Highlands	--	-- --	7.26	5.39 - 9.71	--

See notes at end of table.

(continued)

Table 20 Dependence or Abuse of Illicit Drugs or Alcohol in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
North Dakota	11.52 ^a	10.28 - 12.88	9.34	8.17 - 10.66	0.008
Badlands and West Central Lake Region and South Central	10.24 ^b	8.44 - 12.37	8.26	6.63 - 10.25	0.085
North Central and Northwest	9.14	7.41 - 11.22	9.18	7.08 - 11.83	0.971
Northeast	11.19	9.22 - 13.51	9.73	7.74 - 12.15	0.278
Southeast	13.15	11.02 - 15.61	11.50	9.38 - 14.01	0.226
Southeast	13.58 ^a	11.60 - 15.82	9.19	7.50 - 11.22	0.001
Ohio	9.20	8.53 - 9.91	8.68	8.02 - 9.39	0.276
Boards 2, 46, 55, and 68	8.37	6.91 - 10.10	7.83	6.21 - 9.82	0.612
Boards 3, 52, and 85	8.05	6.57 - 9.83	7.73	6.13 - 9.70	0.753
Boards 4 and 78	9.31	7.58 - 11.38	8.22	6.41 - 10.49	0.345
Boards 5 and 60	9.66	7.92 - 11.74	9.41	7.54 - 11.68	0.831
Boards 7, 15, 41, 79, and 84	8.65	7.13 - 10.47	7.43	5.88 - 9.35	0.248
Boards 8, 13, and 83	8.38 ^b	6.93 - 10.11	6.61	5.24 - 8.29	0.059
Board 9 (Butler)	9.45	7.82 - 11.39	9.44	7.64 - 11.61	0.991
Board 12	9.02	7.48 - 10.85	9.13	7.27 - 11.41	0.923
Boards 18 and 47	8.83	7.54 - 10.31	8.92	7.56 - 10.50	0.919
Boards 20, 32, 54, and 69	8.81	7.27 - 10.63	7.25	5.64 - 9.27	0.138
Boards 21, 39, 51, 70, and 80	8.61	7.15 - 10.34	8.15	6.62 - 10.01	0.630
Boards 22, 74, and 87	9.23	7.59 - 11.18	8.18	6.48 - 10.28	0.350
Boards 23 and 45	9.15	7.47 - 11.15	7.45	5.91 - 9.35	0.113
Board 25 (Franklin)	10.86	9.32 - 12.63	11.00	9.33 - 12.93	0.902
Boards 27, 71, and 73	8.23	6.72 - 10.05	7.80	6.07 - 9.96	0.701
Boards 28, 43, and 67	8.96	7.45 - 10.75	8.81	7.14 - 10.81	0.883
Board 31 (Hamilton)	9.03	7.54 - 10.79	8.45	6.92 - 10.28	0.571
Board 48 (Lucas)	9.71	8.05 - 11.67	10.24	8.17 - 12.77	0.663
Boards 50 and 76	8.95	7.37 - 10.83	8.13	6.60 - 9.97	0.446
Board 57 (Montgomery)	10.64 ^b	8.80 - 12.81	8.55	6.81 - 10.69	0.078
Board 77 (Summit)	9.80	8.13 - 11.75	9.65	7.79 - 11.90	0.907
Oklahoma	9.08	7.98 - 10.31	9.39	8.12 - 10.85	0.680
Central	8.93	7.16 - 11.07	9.38	7.31 - 11.98	0.712
East Central	7.62	5.99 - 9.65	8.36	6.24 - 11.12	0.545
Northeast	8.65	7.01 - 10.63	8.59	6.73 - 10.90	0.957
Northwest and Southwest	8.63 ^a	6.92 - 10.71	11.51	8.99 - 14.63	0.036
Oklahoma County	10.20	8.27 - 12.51	9.01	7.06 - 11.42	0.340
Southeast	8.49	6.88 - 10.43	9.61	7.46 - 12.31	0.380
Tulsa County	10.20	8.31 - 12.45	9.17	7.14 - 11.69	0.434
Oregon	9.40	8.31 - 10.61	9.67	8.44 - 11.06	0.725
Region 1 (Multnomah)	11.55	9.51 - 13.96	12.45	10.04 - 15.33	0.545
Region 2	9.11	7.46 - 11.10	7.72	6.12 - 9.69	0.193
Region 3	9.19	7.68 - 10.97	9.93	8.18 - 12.01	0.514
Region 4	8.16	6.60 - 10.06	9.12	7.08 - 11.69	0.428
Region 5 (Central)	--	-- --	9.08	6.87 - 11.90	--
Region 6 (Eastern)	--	-- --	8.71	6.40 - 11.75	--

See notes at end of table.

(continued)

Table 20 Dependence or Abuse of Illicit Drugs or Alcohol in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Pennsylvania¹	8.64	8.01 - 9.32	8.46	7.78 - 9.19	0.698
Region 1 (Allegheny)	9.60	8.17 - 11.25	9.90	8.21 - 11.88	0.786
Regions 3, 8, 9, and 51	--	-- --	8.32	6.65 - 10.35	--
Regions 4, 11, 37, and 49	8.76	7.35 - 10.42	8.40	6.76 - 10.40	0.731
Regions 5, 18, 23, 24, and 46	7.43	6.24 - 8.83	6.57	5.09 - 8.45	0.357
Regions 6, 12, 16, 31, 35, 45, and 47	--	-- --	7.98	6.47 - 9.81	--
Regions 7, 13, 20, and 33	8.23	7.11 - 9.52	8.21	7.01 - 9.59	0.981
Regions 10, 15, 27, 32, 43, and 44	--	-- --	8.26	6.62 - 10.25	--
Regions 17 and 21	9.83	8.11 - 11.88	8.99	7.03 - 11.44	0.492
Regions 19, 26, 28, and 42	7.74	6.58 - 9.09	6.85	5.62 - 8.34	0.292
Regions 22, 38, 40, 41, and 48	7.26	5.97 - 8.80	7.30	5.85 - 9.08	0.961
Regions 29 and 34	7.88	6.47 - 9.57	7.51	5.93 - 9.46	0.703
Regions 30 and 50	--	-- --	7.48	5.90 - 9.43	--
Region 36 (Philadelphia)	10.03	8.61 - 11.65	11.90	10.04 - 14.06	0.112
Rhode Island	11.51	10.17 - 12.99	10.93	9.53 - 12.50	0.542
Bristol and Newport	12.13	9.82 - 14.89	10.59	8.16 - 13.64	0.332
Kent	10.63	8.66 - 12.99	11.14	8.71 - 14.15	0.739
Providence	11.40	9.79 - 13.24	10.83	9.14 - 12.80	0.629
Washington	12.50	10.11 - 15.36	11.44	9.04 - 14.39	0.496
South Carolina	9.27	8.14 - 10.53	8.13	7.03 - 9.38	0.116
Region 1	9.29	7.60 - 11.31	7.81	6.18 - 9.83	0.176
Region 2	9.24 ^b	7.75 - 10.98	7.51	6.04 - 9.31	0.093
Region 3	8.48	6.69 - 10.70	9.21	7.06 - 11.92	0.583
Region 4	9.81	7.99 - 11.99	8.42	6.72 - 10.51	0.232
South Dakota	11.53 ^a	10.28 - 12.92	9.63	8.42 - 11.00	0.026
Region 1	--	-- --	10.19	8.18 - 12.63	--
Region 2	--	-- --	11.00	8.40 - 14.28	--
Region 3	--	-- --	9.20	7.34 - 11.46	--
Region 4	--	-- --	9.51	7.36 - 12.21	--
Region 5	--	-- --	9.12	7.41 - 11.18	--
Tennessee	8.06	7.04 - 9.22	8.02	6.94 - 9.24	0.946
Region 1	7.88	6.22 - 9.93	7.63	5.78 - 10.01	0.826
Region 2	8.04	6.45 - 9.98	7.50	5.86 - 9.57	0.623
Region 3	--	-- --	7.77	6.02 - 9.97	--
Region 4 (Davidson)	9.73	7.72 - 12.19	9.43	7.29 - 12.13	0.827
Region 5	--	-- --	8.48	6.79 - 10.55	--
Region 6	8.10	6.38 - 10.22	7.79	5.91 - 10.19	0.793
Region 7 (Shelby)	8.43	6.67 - 10.59	7.56	5.81 - 9.78	0.450

See notes at end of table.

(continued)

Table 20 Dependence or Abuse of Illicit Drugs or Alcohol in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Texas	9.07 ^a	8.44 - 9.73	7.90	7.29 - 8.56	0.008
Region 1	10.39	8.69 - 12.39	8.89	7.10 - 11.07	0.203
Region 2	8.53	6.95 - 10.42	8.14	6.36 - 10.36	0.715
Region 3	8.57	7.68 - 9.55	7.79	6.86 - 8.82	0.229
Region 3a	8.81	7.71 - 10.04	7.84	6.69 - 9.17	0.237
Region 3bc	8.15	6.86 - 9.66	7.69	6.40 - 9.22	0.611
Region 4	7.69	6.24 - 9.44	6.86	5.41 - 8.66	0.391
Region 5	8.86	7.25 - 10.78	7.45	5.88 - 9.40	0.185
Region 6	8.85 ^a	7.81 - 10.01	7.38	6.38 - 8.52	0.042
Region 6a	8.83 ^a	7.72 - 10.09	7.29	6.21 - 8.52	0.048
Region 6bc	8.97	7.36 - 10.88	8.21	6.42 - 10.44	0.497
Region 7	11.29 ^a	9.94 - 12.80	9.16	7.87 - 10.63	0.018
Region 7a	11.52	9.79 - 13.51	9.59	7.90 - 11.61	0.108
Region 7bcd	10.95 ^a	9.27 - 12.89	8.43	6.89 - 10.28	0.017
Region 8	8.99	7.72 - 10.45	8.24	6.81 - 9.95	0.424
Region 9	9.03	7.37 - 11.01	8.89	6.91 - 11.37	0.910
Region 10	9.66	7.91 - 11.75	8.51	6.78 - 10.64	0.307
Region 11	8.54 ^b	7.36 - 9.90	7.27	6.14 - 8.58	0.086
Region 11abd	8.61	7.17 - 10.31	7.57	6.11 - 9.35	0.263
Region 11c (Hidalgo)	8.40 ^b	6.84 - 10.27	6.72	5.34 - 8.43	0.075
Utah	8.07 ^a	6.96 - 9.34	6.44	5.50 - 7.53	0.024
Bear River, Northeastern, Summit, Tooele, and Wasatch	8.22 ^a	6.48 - 10.37	5.79	4.44 - 7.52	0.016
Central, Four Corners, San Juan, and Southwest	6.37	4.90 - 8.24	6.49	4.88 - 8.58	0.905
Davis County	7.92 ^a	6.31 - 9.91	5.85	4.48 - 7.60	0.034
Salt Lake County	8.86 ^b	7.32 - 10.68	7.05	5.71 - 8.67	0.077
Utah County	7.37	5.87 - 9.21	6.03	4.74 - 7.65	0.150
Weber, Morgan	8.01 ^b	6.28 - 10.17	6.18	4.66 - 8.16	0.079
Vermont	9.88	8.80 - 11.07	9.48	8.24 - 10.89	0.619
Champlain Valley	10.53	9.06 - 12.22	10.10	8.48 - 12.00	0.683
Rural Northeast	9.89	8.25 - 11.80	9.61	7.69 - 11.95	0.818
Rural Southeast	8.94	7.26 - 10.98	9.15	7.16 - 11.61	0.870
Rural Southwest	9.53	7.74 - 11.69	8.16	6.28 - 10.52	0.258
Virginia	8.96	7.88 - 10.17	7.81	6.76 - 9.00	0.104
Region 1	--	-- --	9.33	7.54 - 11.49	--
Region 2	10.02 ^a	8.19 - 12.22	6.48	5.09 - 8.21	0.001
Region 3	9.16	7.47 - 11.20	8.97	7.05 - 11.34	0.872
Region 4	--	-- --	6.56	5.03 - 8.51	--
Region 5	7.89	6.38 - 9.73	8.45	6.75 - 10.55	0.600

See notes at end of table.

(continued)

Table 20 Dependence or Abuse of Illicit Drugs or Alcohol in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Washington¹	9.90	8.76 - 11.17	9.05	7.92 - 10.33	0.268
Region 1	--	-- --	8.83	7.20 - 10.78	--
East 1 (previously Region 1)	9.78	7.92 - 12.01	9.61	7.47 - 12.28	0.895
East 2 (previously Region 2)	9.65	7.78 - 11.90	7.78	5.98 - 10.07	0.103
Region 2	--	-- --	9.19	7.80 - 10.80	--
North 1 (previously Region 3)	9.70	7.92 - 11.83	9.53	7.66 - 11.80	0.888
North 2 (previously Region 4)	10.15	8.44 - 12.17	9.00	7.33 - 11.01	0.322
Region 3	--	-- --	9.01	7.51 - 10.78	--
West 1 (previously Region 5)	10.18	8.28 - 12.46	8.87	7.04 - 11.13	0.282
West 2 (previously Region 6)	9.59	7.79 - 11.77	9.14	7.23 - 11.49	0.718
West Virginia¹	8.59	7.57 - 9.74	7.49	6.45 - 8.68	0.111
Region I	8.46	6.74 - 10.57	7.31	5.40 - 9.82	0.331
Region II	--	-- --	7.42	5.68 - 9.64	--
Region III	7.79	6.17 - 9.79	6.32	4.75 - 8.35	0.152
Region IV	--	-- --	9.51	7.75 - 11.62	--
Region V	--	-- --	6.96	5.55 - 8.69	--
Region VI	--	-- --	6.65	5.00 - 8.78	--
Wisconsin	11.72 ^a	10.40 - 13.19	9.29	8.00 - 10.75	0.007
Milwaukee	13.49 ^b	11.10 - 16.30	10.54	8.18 - 13.48	0.070
Northeastern	11.15	9.24 - 13.39	9.22	7.34 - 11.52	0.157
Northern	10.69 ^b	8.64 - 13.15	8.41	6.30 - 11.15	0.100
Southeastern	10.65	8.71 - 12.95	9.20	7.13 - 11.79	0.289
Southern	--	-- --	9.48	7.47 - 11.98	--
Western	--	-- --	8.32	6.41 - 10.74	--

See notes at end of table.

(continued)

Table 20 Dependence or Abuse of Illicit Drugs or Alcohol in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Wyoming	10.75 ^a	9.56 - 12.07	8.98	7.82 - 10.29	0.027
Judicial District 1 (Laramie)	10.35 ^b	8.51 - 12.53	8.27	6.38 - 10.67	0.098
Judicial District 2	15.01 ^b	12.57 - 17.83	12.41	9.99 - 15.31	0.095
Judicial District 3	10.62 ^a	8.79 - 12.79	7.07	5.42 - 9.16	0.004
Judicial District 4	9.73	7.74 - 12.17	8.79	6.64 - 11.55	0.498
Judicial District 5	8.91	7.00 - 11.27	9.21	6.97 - 12.08	0.827
Judicial District 6	10.47 ^a	8.50 - 12.82	7.97	6.13 - 10.31	0.049
Judicial District 7 (Natrona)	10.99	8.94 - 13.43	9.63	7.56 - 12.19	0.316
Judicial District 8	9.18	7.24 - 11.58	9.11	6.93 - 11.89	0.958
Judicial District 9	10.98	8.81 - 13.59	9.42	7.26 - 12.13	0.274

ECBH = East Carolina Behavioral Health; SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2002-2004 and 2010-2012); hence, the 2002-2004 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2010-2012 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=34>.

NOTE: Substate, State, and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques, with their *p* values being the Bayes posterior probability of no change between the 2002-2004 and 2010-2012 estimates. The "Total U.S." estimates, along with the 95 percent confidence intervals and *p* values, are based on design-based (direct) estimation methods.

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

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

^a Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.10 level.

¹ Names of some of the substate regions for this State have changed across the two time periods (2002-2004 vs. 2010-2012). For details, see the methodology write-up for comparing estimates located below the tables.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2004, 2010, 2011, and 2012 (2010 Data - Revised March 2012).

Table 21 *Needing But Not Receiving Treatment for Illicit Drug Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs*

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Total United States	2.69 ^a	2.60 - 2.79	2.43	2.33 - 2.53	0.000
Northeast	2.62	2.45 - 2.80	2.44	2.27 - 2.63	0.127
Midwest	2.56 ^a	2.42 - 2.72	2.29	2.16 - 2.43	0.006
South	2.64 ^a	2.51 - 2.79	2.34	2.21 - 2.47	0.001
West	2.96 ^b	2.74 - 3.20	2.69	2.50 - 2.90	0.061
Alabama	2.40	1.99 - 2.89	2.18	1.76 - 2.70	0.435
Region 1	2.33	1.78 - 3.03	2.03	1.50 - 2.75	0.423
Region 2	2.51	1.92 - 3.26	2.27	1.70 - 3.03	0.564
Region 3	2.38	1.79 - 3.16	2.28	1.68 - 3.09	0.804
Region 4	2.34	1.79 - 3.04	2.15	1.58 - 2.93	0.646
Alaska	3.39 ^a	2.79 - 4.11	2.41	2.00 - 2.89	0.003
Anchorage	--	-- --	2.47	1.96 - 3.11	--
Northern	--	-- --	2.52	1.91 - 3.32	--
South Central	--	-- --	2.32	1.75 - 3.08	--
Southeast	3.17 ^a	2.34 - 4.30	2.13	1.55 - 2.91	0.030
Arizona	3.08	2.53 - 3.74	2.82	2.32 - 3.43	0.461
Maricopa	2.96	2.35 - 3.72	2.97	2.35 - 3.75	0.969
Pima	3.31	2.45 - 4.46	2.91	2.18 - 3.87	0.439
Rural North	3.12 ^b	2.30 - 4.21	2.27	1.64 - 3.13	0.082
Rural South	3.30	2.38 - 4.57	2.50	1.83 - 3.41	0.111
Arkansas¹	2.83 ^b	2.37 - 3.38	2.34	1.94 - 2.82	0.063
Catchment Area 1	--	-- --	2.07	1.54 - 2.79	--
Catchment Area 2	2.45	1.85 - 3.24	1.98	1.44 - 2.72	0.188
Catchment Area 3	3.07	2.30 - 4.09	2.38	1.75 - 3.23	0.131
Catchment Area 4	--	-- --	2.07	1.51 - 2.84	--
Catchment Area 5	--	-- --	2.33	1.74 - 3.12	--
Catchment Area 6	--	-- --	2.84	2.03 - 3.95	--
Catchment Area 7	--	-- --	2.21	1.59 - 3.06	--
Catchment Area 8	3.23	2.44 - 4.26	2.76	2.10 - 3.62	0.340

See notes at end of table.

(continued)

Table 21 Needing But Not Receiving Treatment for Illicit Drug Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
California	2.95	2.62 - 3.31	2.78	2.49 - 3.10	0.440
Region 1R	--	-- --	3.02	2.31 - 3.95	--
Region 2R	--	-- --	3.03	2.33 - 3.92	--
Region 3R (Sacramento)	--	-- --	2.94	2.27 - 3.81	--
Region 4R	--	-- --	2.82	2.19 - 3.63	--
Region 5R (San Francisco)	--	-- --	3.25	2.43 - 4.32	--
Region 6 (Santa Clara)	2.59	2.00 - 3.36	2.12	1.61 - 2.78	0.199
Region 7R (Contra Costa)	--	-- --	2.67	2.06 - 3.45	--
Region 8R (Alameda)	--	-- --	2.63	2.02 - 3.41	--
Region 9R (San Mateo)	--	-- --	2.15	1.63 - 2.83	--
Region 10	3.03	2.36 - 3.88	2.99	2.34 - 3.83	0.933
Region 11 (Los Angeles)	2.85	2.36 - 3.44	2.78	2.42 - 3.18	0.815
LA SPA 1 and 5	--	-- --	2.92	2.21 - 3.85	--
LA SPA 2	--	-- --	2.62	2.04 - 3.35	--
LA SPA 3	--	-- --	2.56	2.00 - 3.27	--
LA SPA 4	--	-- --	2.92	2.19 - 3.88	--
LA SPA 6	--	-- --	3.33	2.57 - 4.31	--
LA SPA 7	--	-- --	2.72	2.11 - 3.51	--
LA SPA 8	--	-- --	2.74	2.13 - 3.53	--
Region 12R	--	-- --	2.74	2.08 - 3.59	--
Regions 13 and 19R	--	-- --	2.69	2.17 - 3.33	--
Region 13 (Riverside)	2.79	2.17 - 3.59	2.66	2.11 - 3.33	0.725
Region 19R (Imperial)	--	-- --	3.10	2.30 - 4.18	--
Region 14 (Orange)	2.64	2.07 - 3.38	2.57	2.08 - 3.17	0.828
Region 15R (Fresno)	--	-- --	3.27	2.50 - 4.27	--
Region 16R (San Diego)	--	-- --	2.84	2.28 - 3.53	--
Region 17R	--	-- --	3.06	2.37 - 3.95	--
Region 18R (San Bernardino)	--	-- --	2.72	2.15 - 3.44	--
Region 20R	--	-- --	3.12	2.40 - 4.05	--
Region 21R	--	-- --	3.09	2.38 - 4.01	--
Colorado	3.04	2.53 - 3.64	2.78	2.32 - 3.34	0.422
Region 1	3.19	2.46 - 4.12	2.79	2.10 - 3.68	0.347
Regions 2 and 7	3.06	2.44 - 3.83	2.89	2.31 - 3.61	0.686
Region 3	3.00	2.23 - 4.03	2.69	2.04 - 3.55	0.484
Region 4	3.16	2.28 - 4.37	2.74	1.96 - 3.82	0.438
Regions 5 and 6	2.71	2.05 - 3.59	2.37	1.74 - 3.23	0.394
Connecticut	2.78	2.30 - 3.35	2.44	2.00 - 2.97	0.240
Eastern	3.18	2.38 - 4.25	2.44	1.82 - 3.27	0.103
North Central	2.92	2.22 - 3.83	2.36	1.74 - 3.19	0.231
Northwestern	2.59	1.96 - 3.42	2.48	1.87 - 3.28	0.780
South Central	2.68	2.03 - 3.54	2.55	1.90 - 3.41	0.761
Southwest	2.59	1.94 - 3.45	2.39	1.78 - 3.19	0.618

See notes at end of table.

(continued)

Table 21 Needing But Not Receiving Treatment for Illicit Drug Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Delaware	2.61	2.14 - 3.18	2.27	1.88 - 2.75	0.234
Kent	2.85	2.08 - 3.89	2.43	1.81 - 3.26	0.358
New Castle (excluding Wilmington City)	2.52	2.01 - 3.15	2.35	1.86 - 2.97	0.630
Sussex	2.46 ^a	1.78 - 3.40	1.57	1.17 - 2.13	0.016
Wilmington City	3.05	2.19 - 4.25	3.32	2.40 - 4.59	0.678
District of Columbia	3.11	2.49 - 3.88	3.33	2.73 - 4.04	0.601
Ward 1	3.56	2.56 - 4.93	3.54	2.55 - 4.89	0.977
Ward 2	3.57	2.64 - 4.81	3.22	2.38 - 4.35	0.558
Ward 3	2.32	1.68 - 3.20	2.77	2.03 - 3.77	0.319
Ward 4	2.61	1.86 - 3.65	3.04	2.17 - 4.24	0.471
Ward 5	3.26	2.33 - 4.54	3.37	2.47 - 4.58	0.875
Ward 6	2.98	2.15 - 4.13	3.10	2.24 - 4.27	0.841
Ward 7	3.29	2.30 - 4.70	3.83	2.77 - 5.26	0.494
Ward 8	3.51	2.56 - 4.80	3.91	2.90 - 5.26	0.580
Florida¹	2.77 ^a	2.45 - 3.12	2.36	2.10 - 2.65	0.041
Region A - Northwest	--	-- --	3.01	2.51 - 3.60	--
Circuit 1	3.05	2.37 - 3.91	2.82	2.19 - 3.61	0.608
Circuit 2	--	-- --	3.64	2.80 - 4.72	--
Circuit 14	--	-- --	2.64	1.99 - 3.49	--
Region B - Northeast	--	-- --	2.74	2.28 - 3.30	--
Circuits 3 and 8	--	-- --	2.87	2.18 - 3.77	--
Circuit 4	--	-- --	3.02	2.32 - 3.93	--
Circuit 7	--	-- --	2.30	1.77 - 3.00	--
Region C - Central	--	-- --	2.34	2.02 - 2.71	--
Circuit 5	2.11	1.58 - 2.81	1.92	1.44 - 2.55	0.606
Circuit 9	--	-- --	2.85	2.30 - 3.54	--
Circuit 10	2.47	1.89 - 3.22	2.29	1.76 - 2.99	0.638
Circuit 18	--	-- --	2.39	1.87 - 3.07	--
Circuit 19	2.33	1.73 - 3.12	1.90	1.45 - 2.48	0.242
Region D - Southeast	--	-- --	2.22	1.84 - 2.68	--
Circuit 15 (Palm Beach)	2.47	1.91 - 3.18	2.18	1.68 - 2.84	0.460
Circuit 17 (Broward)	2.83	2.20 - 3.63	2.26	1.78 - 2.86	0.132
Region E - Sun Coast	--	-- --	2.35	1.98 - 2.77	--
Circuit 6	--	-- --	2.65	2.01 - 3.50	--
Circuit 12	--	-- --	2.08	1.58 - 2.73	--
Circuit 13 (Hillsborough)	--	-- --	2.51	1.99 - 3.14	--
Circuit 20	2.11	1.60 - 2.79	1.99	1.51 - 2.61	0.727
Region F - Southern (Circuits 11 and 16)	2.62 ^a	2.04 - 3.35	1.83	1.42 - 2.35	0.029
Georgia	2.55	2.10 - 3.09	2.17	1.79 - 2.64	0.184
Region 1	--	-- --	1.76	1.32 - 2.32	--
Region 2	--	-- --	2.30	1.69 - 3.13	--
Region 3	--	-- --	2.42	1.83 - 3.19	--
Region 4	--	-- --	2.53	1.82 - 3.51	--
Region 5	--	-- --	2.21	1.59 - 3.06	--
Region 6	--	-- --	2.11	1.55 - 2.87	--

See notes at end of table.

(continued)

Table 21 Needing But Not Receiving Treatment for Illicit Drug Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Hawaii	2.65 ^a	2.08 - 3.36	1.99	1.63 - 2.43	0.047
Hawaii Island	2.86 ^b	2.07 - 3.95	2.04	1.51 - 2.75	0.069
Honolulu	2.51	1.90 - 3.30	2.05	1.63 - 2.57	0.228
Kauai and Maui	3.14 ^a	2.27 - 4.32	1.68	1.28 - 2.21	0.001
Kauai	--	-- --	1.61	1.15 - 2.27	--
Maui	--	-- --	1.71	1.25 - 2.35	--
Idaho	2.57	2.16 - 3.06	2.39	1.99 - 2.87	0.454
Region 1	2.26	1.70 - 3.01	1.98	1.48 - 2.65	0.393
Region 2	2.83	2.13 - 3.76	2.56	1.89 - 3.46	0.509
Region 3	2.57	1.92 - 3.42	2.31	1.73 - 3.08	0.522
Region 4	2.63	2.04 - 3.39	2.63	2.03 - 3.41	0.993
Region 5	2.49	1.87 - 3.30	2.22	1.66 - 2.97	0.469
Region 6	2.66	1.99 - 3.54	2.41	1.78 - 3.26	0.522
Region 7	2.64	1.98 - 3.51	2.43	1.78 - 3.30	0.607
Illinois	2.53	2.23 - 2.87	2.27	2.00 - 2.57	0.197
Region I (Cook)	3.01	2.50 - 3.62	2.62	2.20 - 3.13	0.261
Region II	2.21	1.85 - 2.63	1.91	1.60 - 2.28	0.191
Region III	2.14	1.70 - 2.70	2.32	1.86 - 2.89	0.552
Region IV	2.04	1.60 - 2.59	2.03	1.56 - 2.64	0.991
Region V	2.18	1.74 - 2.71	2.09	1.64 - 2.65	0.756
Indiana	2.56	2.14 - 3.06	2.29	1.87 - 2.79	0.301
Central	2.59	1.96 - 3.42	2.32	1.72 - 3.12	0.513
East	2.50	1.89 - 3.32	2.55	1.86 - 3.50	0.910
North Central	2.38	1.81 - 3.13	2.25	1.66 - 3.04	0.736
Northeast	2.50	1.85 - 3.36	2.11	1.57 - 2.83	0.314
Northwest	2.41	1.80 - 3.22	2.40	1.75 - 3.27	0.973
Southeast	2.58	1.94 - 3.44	2.04	1.50 - 2.77	0.164
Southwest	2.67	1.95 - 3.63	2.22	1.60 - 3.08	0.313
West	2.86	2.18 - 3.76	2.40	1.77 - 3.24	0.272
Iowa	2.29	1.86 - 2.81	2.01	1.66 - 2.43	0.253
Central	2.37	1.74 - 3.22	2.08	1.56 - 2.76	0.432
North Central	2.31	1.73 - 3.06	2.30	1.68 - 3.13	0.985
Northeast	2.26	1.71 - 2.98	1.86	1.42 - 2.44	0.219
Northwest	2.10	1.54 - 2.85	1.93	1.43 - 2.58	0.613
Southeast	2.47	1.85 - 3.30	2.05	1.54 - 2.74	0.257
Southwest	2.09	1.50 - 2.91	1.95	1.45 - 2.63	0.695
Kansas	2.21	1.81 - 2.69	2.07	1.68 - 2.55	0.577
Kansas City Metro	2.32	1.78 - 3.02	1.98	1.51 - 2.60	0.297
Northeast	2.14	1.61 - 2.82	2.09	1.52 - 2.85	0.882
South Central	2.23	1.64 - 3.01	1.97	1.44 - 2.70	0.446
Southeast	2.10	1.54 - 2.85	2.24	1.62 - 3.08	0.713
West	2.13	1.56 - 2.90	1.89	1.37 - 2.60	0.481
Wichita (Sedgwick)	2.15	1.61 - 2.88	2.36	1.70 - 3.28	0.615

See notes at end of table.

(continued)

Table 21 *Needing But Not Receiving Treatment for Illicit Drug Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)*

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Kentucky	2.89 ^b	2.40 - 3.49	2.34	1.92 - 2.84	0.054
Adanta, Cumberland River, and Lifeskills	2.45	1.84 - 3.26	2.17	1.58 - 2.97	0.503
Bluegrass, Comprehend, and North Key	3.05	2.33 - 3.99	2.36	1.80 - 3.08	0.119
Communicare and River Valley	2.65	1.98 - 3.53	2.10	1.53 - 2.86	0.166
Four Rivers and Pennyroyal	2.95	2.19 - 3.96	2.34	1.69 - 3.23	0.193
Kentucky River, Mountain, and Pathways	2.91	2.16 - 3.90	2.40	1.73 - 3.31	0.289
Seven Counties	3.13	2.36 - 4.14	2.51	1.88 - 3.35	0.195
Louisiana	3.07 ^a	2.54 - 3.71	2.36	1.96 - 2.85	0.022
Regions 1 and 10	--	-- --	2.54	1.96 - 3.28	--
Region 1	3.67 ^b	2.64 - 5.08	2.58	1.85 - 3.58	0.080
Region 10 (Jefferson)	2.93	2.13 - 4.02	2.50	1.81 - 3.43	0.401
Regions 2 and 9	3.15 ^b	2.42 - 4.09	2.32	1.79 - 3.00	0.058
Region 3	3.16 ^a	2.32 - 4.29	2.09	1.52 - 2.88	0.027
Regions 4, 5, and 6	--	-- --	2.35	1.77 - 3.09	--
Regions 7 and 8	2.90	2.17 - 3.86	2.40	1.81 - 3.17	0.266
Maine¹	2.92 ^a	2.44 - 3.50	2.15	1.75 - 2.63	0.006
Aroostook/Downeast	--	-- --	2.27	1.69 - 3.04	--
Aroostook	--	-- --	2.57	1.76 - 3.74	--
Downeast	--	-- --	2.02	1.47 - 2.78	--
Central	--	-- --	1.99	1.43 - 2.77	--
Cumberland	3.05	2.32 - 4.00	2.33	1.74 - 3.11	0.110
Midcoast	2.53 ^a	1.93 - 3.32	1.72	1.24 - 2.37	0.019
Penquis	--	-- --	2.74	2.04 - 3.66	--
Western	--	-- --	2.08	1.54 - 2.81	--
York	2.52 ^a	1.89 - 3.36	1.81	1.33 - 2.45	0.040
Maryland	2.52	2.09 - 3.05	2.30	1.90 - 2.79	0.412
Anne Arundel	2.69	2.00 - 3.61	2.04	1.48 - 2.80	0.104
Baltimore City	3.11	2.21 - 4.36	3.42	2.45 - 4.77	0.660
Baltimore County	--	-- --	2.41	1.78 - 3.25	--
Montgomery	1.89	1.41 - 2.54	1.93	1.44 - 2.59	0.893
North Central	--	-- --	1.96	1.45 - 2.65	--
Northeast	--	-- --	2.03	1.49 - 2.75	--
Prince George's	2.38	1.78 - 3.18	2.51	1.87 - 3.37	0.752
South	--	-- --	2.15	1.60 - 2.90	--
West	--	-- --	2.16	1.56 - 2.97	--

See notes at end of table.

(continued)

Table 21 Needing But Not Receiving Treatment for Illicit Drug Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Massachusetts	3.03 ^a	2.55 - 3.60	2.43	2.03 - 2.90	0.030
Boston	3.85	2.89 - 5.11	3.34	2.50 - 4.44	0.400
Central	2.87	2.17 - 3.80	2.45	1.84 - 3.24	0.296
Metrowest	2.72	2.11 - 3.49	2.19	1.67 - 2.86	0.138
Northeast	2.89	2.23 - 3.75	2.29	1.76 - 2.97	0.122
Southeast	3.08 ^a	2.40 - 3.95	2.24	1.69 - 2.96	0.041
Western	3.13	2.42 - 4.04	2.46	1.82 - 3.33	0.148
Michigan¹	2.72	2.43 - 3.04	2.40	2.12 - 2.71	0.104
Detroit City	3.73	2.84 - 4.88	4.35	3.27 - 5.76	0.403
Genesee	2.91	2.28 - 3.70	2.44	1.85 - 3.20	0.260
Kalamazoo	--	-- --	2.33	1.80 - 3.01	--
Kent	2.86	2.27 - 3.61	2.41	1.89 - 3.07	0.234
Lakeshore	--	-- --	2.15	1.65 - 2.79	--
Macomb	2.51	2.00 - 3.16	2.00	1.57 - 2.56	0.122
Mid South	--	-- --	2.25	1.77 - 2.86	--
Northern	2.53 ^b	2.04 - 3.14	1.95	1.53 - 2.49	0.063
Oakland	2.71	2.20 - 3.34	2.21	1.78 - 2.75	0.134
Pathways and Western	--	-- --	2.29	1.72 - 3.06	--
Riverhaven	2.46	1.90 - 3.16	2.17	1.65 - 2.85	0.420
Saginaw	2.60	1.99 - 3.39	2.58	1.89 - 3.52	0.975
Southeast	2.54	2.02 - 3.20	2.50	1.97 - 3.17	0.913
St. Clair	2.31	1.80 - 2.97	2.07	1.59 - 2.69	0.445
Washtenaw	2.62	2.08 - 3.31	2.35	1.86 - 2.98	0.439
Minnesota	2.45 ^b	2.04 - 2.94	2.02	1.66 - 2.46	0.070
Regions 1 and 2	2.63	1.97 - 3.51	2.09	1.51 - 2.87	0.159
Regions 3 and 4	2.49	1.91 - 3.23	2.01	1.51 - 2.69	0.164
Regions 5 and 6	2.33	1.76 - 3.08	2.01	1.50 - 2.68	0.344
Region 7A (Hennepin)	2.57	1.96 - 3.36	2.08	1.52 - 2.83	0.222
Region 7B (Ramsey)	2.54	1.89 - 3.41	2.32	1.69 - 3.17	0.569
Region 7C	2.26	1.71 - 2.99	1.83	1.37 - 2.44	0.195
Mississippi	2.54	2.08 - 3.09	2.52	2.08 - 3.06	0.958
Region 1	2.29	1.73 - 3.02	2.28	1.72 - 3.00	0.973
Region 2	2.67	1.93 - 3.68	3.03	2.21 - 4.15	0.505
Region 3	2.35	1.72 - 3.22	2.60	1.92 - 3.51	0.591
Region 4	2.68	2.01 - 3.57	2.65	1.97 - 3.56	0.943
Region 5	2.39	1.71 - 3.34	2.48	1.76 - 3.48	0.857
Region 6	2.57	1.91 - 3.45	2.48	1.82 - 3.38	0.845
Region 7	2.80	2.04 - 3.83	2.31	1.73 - 3.07	0.269

See notes at end of table.

(continued)

Table 21 Needing But Not Receiving Treatment for Illicit Drug Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Missouri	2.85 ^b	2.41 - 3.38	2.39	1.98 - 2.87	0.082
Central	2.96	2.29 - 3.83	2.40	1.79 - 3.22	0.167
Eastern	2.88	2.29 - 3.62	2.46	1.94 - 3.12	0.260
Eastern (St. Louis City and County)	2.99	2.27 - 3.92	2.60	1.95 - 3.47	0.427
Eastern (excluding St. Louis)	2.67	2.03 - 3.50	2.22	1.66 - 2.96	0.234
Northwest	3.00	2.39 - 3.75	2.45	1.94 - 3.10	0.120
Northwest (Jackson)	3.58	2.66 - 4.82	2.73	2.05 - 3.64	0.115
Northwest (excluding Jackson)	2.47	1.86 - 3.26	2.21	1.64 - 2.99	0.482
Southeast	2.63	1.97 - 3.49	2.30	1.69 - 3.13	0.449
Southwest	2.65	2.01 - 3.49	2.18	1.61 - 2.93	0.260
Montana	2.81	2.38 - 3.31	2.47	2.05 - 2.96	0.210
Region 1	2.50	1.88 - 3.31	2.35	1.71 - 3.21	0.716
Region 2	2.91	2.18 - 3.87	2.71	2.00 - 3.67	0.672
Region 3	2.56	1.97 - 3.32	2.16	1.64 - 2.85	0.289
Region 4	2.80	2.23 - 3.52	2.72	2.09 - 3.54	0.840
Region 5	3.01 ^b	2.38 - 3.80	2.37	1.85 - 3.03	0.079
Nebraska	2.47 ^b	2.03 - 3.01	1.98	1.59 - 2.47	0.072
Regions 1 and 2	2.35	1.73 - 3.19	1.82	1.36 - 2.45	0.140
Region 1	--	-- --	1.86	1.32 - 2.63	--
Region 2	--	-- --	1.79	1.26 - 2.54	--
Region 3	2.42 ^b	1.79 - 3.26	1.79	1.29 - 2.46	0.093
Region 4	2.33 ^b	1.72 - 3.15	1.68	1.17 - 2.40	0.077
Region 5	2.42	1.85 - 3.17	2.02	1.49 - 2.73	0.275
Region 6	2.60	2.00 - 3.38	2.14	1.63 - 2.82	0.228
Nevada¹	2.66	2.17 - 3.25	2.33	1.87 - 2.91	0.306
Clark – Region 1	2.67	2.09 - 3.40	2.28	1.77 - 2.95	0.319
Region 3	2.28	1.72 - 3.01	1.96	1.49 - 2.57	0.298
Capital District	--	-- --	1.87	1.35 - 2.60	--
Rural/Frontier	--	-- --	2.04	1.47 - 2.82	--
Washoe – Region 2	2.94	2.24 - 3.85	2.83	2.10 - 3.80	0.821
New Hampshire	2.86	2.40 - 3.40	2.70	2.26 - 3.22	0.584
Central	2.90	2.32 - 3.61	2.67	2.10 - 3.40	0.551
Central 1	3.09	2.34 - 4.06	2.88	2.16 - 3.84	0.677
Central 2	2.72	2.08 - 3.56	2.47	1.82 - 3.36	0.571
Northern	2.83	2.13 - 3.75	2.64	1.96 - 3.55	0.682
Southern	2.84	2.34 - 3.45	2.72	2.23 - 3.30	0.703
Southern 1 (Rockingham)	2.61	1.99 - 3.41	2.26	1.76 - 2.90	0.334
Southern 2	2.99	2.39 - 3.72	3.00	2.37 - 3.80	0.969
New Jersey	2.37	1.97 - 2.85	2.09	1.72 - 2.55	0.264
Central	2.27	1.77 - 2.91	1.97	1.48 - 2.62	0.360
Metropolitan	2.55	1.90 - 3.41	2.35	1.78 - 3.10	0.638
Northern	2.21	1.71 - 2.86	1.89	1.44 - 2.47	0.286
Southern	2.52	1.93 - 3.28	2.26	1.70 - 2.99	0.479

See notes at end of table.

(continued)

Table 21 *Needing But Not Receiving Treatment for Illicit Drug Use in the Past Year* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
New Mexico	3.54 ^b	2.92 - 4.28	2.91	2.43 - 3.48	0.097
Region 1	3.27	2.44 - 4.38	3.01	2.31 - 3.90	0.616
Region 2	3.12 ^a	2.28 - 4.25	2.08	1.53 - 2.82	0.022
Region 3 (Bernalillo)	3.65	2.84 - 4.67	3.36	2.61 - 4.32	0.607
Region 4	3.49	2.57 - 4.73	2.75	2.06 - 3.68	0.168
Region 5	3.97 ^a	3.00 - 5.24	2.79	2.15 - 3.62	0.034
New York	2.70	2.40 - 3.03	2.56	2.26 - 2.90	0.507
Region A	2.56	2.18 - 3.02	2.66	2.25 - 3.14	0.747
Region 1	3.07	2.38 - 3.94	3.00	2.32 - 3.89	0.897
Region 2	2.46	1.91 - 3.17	2.74	2.15 - 3.48	0.526
Region 3	2.70	2.11 - 3.44	2.61	1.98 - 3.44	0.846
Region 4	2.31	1.78 - 2.98	2.37	1.82 - 3.09	0.867
Region B	--	-- --	2.32	1.96 - 2.74	--
Region 5	2.55	2.09 - 3.11	2.30	1.85 - 2.86	0.438
Region 6	2.60	2.05 - 3.29	2.17	1.65 - 2.83	0.254
Region 7	2.97	2.31 - 3.81	2.62	2.06 - 3.32	0.383
Region C	--	-- --	2.66	2.29 - 3.09	--
Region 8	3.12 ^b	2.42 - 4.02	2.34	1.83 - 3.00	0.055
Region 9	2.92	2.30 - 3.71	2.79	2.18 - 3.57	0.750
Region 10	3.12	2.44 - 3.97	2.79	2.12 - 3.67	0.444
Region 11	3.16	2.49 - 3.99	2.75	2.16 - 3.49	0.322
Region 12	2.80	2.21 - 3.53	2.70	2.09 - 3.49	0.810
Region D	2.69	2.27 - 3.18	2.52	2.08 - 3.04	0.536
Region 13	2.75	2.12 - 3.56	2.49	1.90 - 3.25	0.490
Region 14	2.68	2.11 - 3.40	2.60	1.96 - 3.45	0.848
Region 15	2.64	2.06 - 3.37	2.45	1.88 - 3.20	0.639
North Carolina	2.72	2.24 - 3.31	2.67	2.21 - 3.22	0.864
Alliance	--	-- --	2.70	2.05 - 3.56	--
Cardinal Innovations	--	-- --	2.46	1.84 - 3.29	--
CenterPoint/Guilford	--	-- --	2.66	2.07 - 3.42	--
CenterPoint	--	-- --	2.57	1.87 - 3.53	--
Guilford	--	-- --	2.76	2.03 - 3.73	--
CoastalCare	--	-- --	2.97	2.18 - 4.05	--
Eastpointe	--	-- --	3.01	2.19 - 4.11	--
ECBH	--	-- --	2.81	2.03 - 3.88	--
MeckLINK	--	-- --	2.68	1.98 - 3.62	--
Partners	--	-- --	2.81	2.03 - 3.87	--
Sandhills	--	-- --	2.63	1.92 - 3.57	--
Smoky Mountain	--	-- --	2.35	1.71 - 3.24	--
Western Highlands	--	-- --	2.22	1.63 - 3.03	--

See notes at end of table.

(continued)

Table 21 Needing But Not Receiving Treatment for Illicit Drug Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
North Dakota	2.40 ^b	1.99 - 2.90	1.93	1.58 - 2.36	0.054
Badlands and West Central Lake Region and South Central	2.23 ^b	1.70 - 2.93	1.70	1.26 - 2.28	0.090
North Central and Northwest	2.13	1.58 - 2.88	1.80	1.30 - 2.48	0.350
Northeast	2.18	1.64 - 2.90	2.04	1.51 - 2.76	0.693
Southeast	2.58	1.96 - 3.37	2.30	1.70 - 3.09	0.458
Southeast	2.80 ^a	2.15 - 3.64	1.98	1.49 - 2.63	0.031
Ohio	2.59	2.32 - 2.90	2.58	2.31 - 2.89	0.972
Boards 2, 46, 55, and 68	2.42	1.90 - 3.07	2.28	1.76 - 2.95	0.704
Boards 3, 52, and 85	2.33	1.82 - 2.98	2.15	1.63 - 2.82	0.583
Boards 4 and 78	2.54	1.97 - 3.28	2.17	1.62 - 2.90	0.343
Boards 5 and 60	2.71	2.10 - 3.48	2.65	2.02 - 3.47	0.888
Boards 7, 15, 41, 79, and 84	2.48	1.93 - 3.20	2.20	1.66 - 2.90	0.470
Boards 8, 13, and 83	2.73 ^b	2.14 - 3.46	2.08	1.60 - 2.70	0.080
Board 9 (Butler)	2.90	2.23 - 3.75	2.58	1.98 - 3.36	0.452
Board 12	2.87	2.25 - 3.66	2.63	2.04 - 3.40	0.541
Boards 18 and 47	2.32	1.86 - 2.91	2.60	2.09 - 3.24	0.440
Boards 20, 32, 54, and 69	2.46	1.93 - 3.14	2.06	1.52 - 2.78	0.255
Boards 21, 39, 51, 70, and 80	2.35	1.83 - 3.01	2.19	1.71 - 2.79	0.632
Boards 22, 74, and 87	2.40	1.85 - 3.10	2.22	1.71 - 2.88	0.611
Boards 23 and 45	2.38	1.84 - 3.07	2.23	1.72 - 2.88	0.664
Board 25 (Franklin)	2.93	2.36 - 3.64	3.66	2.86 - 4.67	0.136
Boards 27, 71, and 73	2.56	2.00 - 3.27	2.38	1.79 - 3.16	0.651
Boards 28, 43, and 67	2.29	1.80 - 2.91	2.26	1.76 - 2.91	0.941
Board 31 (Hamilton)	2.73	2.12 - 3.50	3.00	2.33 - 3.85	0.559
Board 48 (Lucas)	2.62	1.98 - 3.46	2.81	2.12 - 3.71	0.708
Boards 50 and 76	2.37	1.86 - 3.02	2.24	1.73 - 2.89	0.706
Board 57 (Montgomery)	3.22	2.38 - 4.34	3.17	2.42 - 4.15	0.927
Board 77 (Summit)	2.88	2.24 - 3.68	2.53	1.93 - 3.30	0.408
Oklahoma	2.74 ^a	2.28 - 3.30	2.14	1.75 - 2.61	0.023
Central	2.69 ^b	2.02 - 3.57	2.00	1.48 - 2.71	0.065
East Central	2.34	1.71 - 3.19	1.88	1.35 - 2.61	0.239
Northeast	2.64 ^b	1.97 - 3.53	1.95	1.44 - 2.64	0.069
Northwest and Southwest	2.60	1.93 - 3.49	2.34	1.70 - 3.21	0.534
Oklahoma County	2.83	2.12 - 3.77	2.30	1.70 - 3.09	0.234
Southeast	2.68	2.01 - 3.56	2.19	1.58 - 3.02	0.265
Tulsa County	3.24 ^a	2.38 - 4.39	2.18	1.59 - 3.00	0.036
Oregon	2.88	2.42 - 3.44	2.79	2.33 - 3.35	0.772
Region 1 (Multnomah)	3.32	2.53 - 4.35	3.85	2.85 - 5.18	0.402
Region 2	2.70	2.11 - 3.46	2.30	1.74 - 3.02	0.284
Region 3	2.80	2.14 - 3.65	2.79	2.19 - 3.56	0.988
Region 4	2.78	2.11 - 3.66	2.52	1.87 - 3.38	0.558
Region 5 (Central)	--	-- --	2.14	1.57 - 2.93	--
Region 6 (Eastern)	--	-- --	2.54	1.82 - 3.54	--

See notes at end of table.

(continued)

Table 21 Needing But Not Receiving Treatment for Illicit Drug Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004	2002-2004	2010-2012	2010-2012	P Value
	(Estimate)	(95% Confidence Interval)	(Estimate)	(95% Confidence Interval)	
Pennsylvania¹	2.28	2.02 - 2.56	2.49	2.19 - 2.83	0.279
Region 1 (Allegheny)	2.34	1.88 - 2.91	2.95	2.26 - 3.84	0.149
Regions 3, 8, 9, and 51	--	-- --	2.46	1.87 - 3.22	--
Regions 4, 11, 37, and 49	2.22	1.75 - 2.81	2.30	1.78 - 2.96	0.821
Regions 5, 18, 23, 24, and 46	2.04	1.62 - 2.55	2.09	1.59 - 2.74	0.862
Regions 6, 12, 16, 31, 35, 45, and 47	--	-- --	2.33	1.81 - 2.99	--
Regions 7, 13, 20, and 33	2.18	1.77 - 2.69	2.14	1.75 - 2.60	0.869
Regions 10, 15, 27, 32, 43, and 44	--	-- --	2.28	1.71 - 3.04	--
Regions 17 and 21	2.37	1.84 - 3.05	2.64	2.00 - 3.48	0.474
Regions 19, 26, 28, and 42	2.10	1.66 - 2.64	2.07	1.63 - 2.63	0.932
Regions 22, 38, 40, 41, and 48	1.89	1.49 - 2.41	2.35	1.76 - 3.14	0.218
Regions 29 and 34	2.13	1.66 - 2.72	2.27	1.74 - 2.97	0.660
Regions 30 and 50	--	-- --	2.32	1.75 - 3.08	--
Region 36 (Philadelphia)	3.03	2.36 - 3.89	3.75	2.92 - 4.80	0.215
Rhode Island	3.33 ^a	2.79 - 3.97	2.63	2.15 - 3.20	0.040
Bristol and Newport	3.19 ^a	2.41 - 4.22	2.06	1.52 - 2.80	0.006
Kent	2.93	2.20 - 3.90	2.46	1.84 - 3.28	0.285
Providence	3.46	2.82 - 4.25	2.79	2.19 - 3.55	0.135
Washington	3.38	2.60 - 4.38	2.67	2.00 - 3.56	0.128
South Carolina	2.51	2.07 - 3.04	2.58	2.11 - 3.15	0.818
Region 1	2.63	2.00 - 3.44	2.55	1.93 - 3.36	0.848
Region 2	2.44	1.89 - 3.16	2.47	1.88 - 3.23	0.952
Region 3	2.39	1.75 - 3.27	2.66	1.91 - 3.69	0.609
Region 4	2.54	1.91 - 3.36	2.68	2.00 - 3.57	0.754
South Dakota	2.32 ^b	1.89 - 2.84	1.87	1.49 - 2.35	0.076
Region 1	--	-- --	1.99	1.46 - 2.71	--
Region 2	--	-- --	1.73	1.20 - 2.49	--
Region 3	--	-- --	1.76	1.27 - 2.44	--
Region 4	--	-- --	1.89	1.36 - 2.62	--
Region 5	--	-- --	1.89	1.40 - 2.56	--
Tennessee	2.70	2.23 - 3.26	2.51	2.07 - 3.04	0.511
Region 1	2.63	1.92 - 3.58	2.22	1.61 - 3.05	0.357
Region 2	2.71	2.07 - 3.54	2.43	1.80 - 3.27	0.505
Region 3	--	-- --	2.50	1.87 - 3.32	--
Region 4 (Davidson)	3.07	2.22 - 4.23	2.78	2.07 - 3.74	0.586
Region 5	--	-- --	2.30	1.73 - 3.05	--
Region 6	2.56	1.91 - 3.42	2.58	1.90 - 3.51	0.958
Region 7 (Shelby)	2.97	2.14 - 4.11	2.91	2.14 - 3.93	0.913

See notes at end of table.

(continued)

Table 21 Needing But Not Receiving Treatment for Illicit Drug Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Texas	2.51 ^b	2.24 - 2.81	2.22	1.97 - 2.49	0.090
Region 1	2.84	2.22 - 3.61	2.41	1.83 - 3.16	0.285
Region 2	2.54	1.96 - 3.28	2.05	1.54 - 2.71	0.138
Region 3	2.39	2.04 - 2.81	2.29	1.92 - 2.71	0.664
Region 3a	2.43	2.01 - 2.94	2.41	1.94 - 2.99	0.945
Region 3bc	2.32	1.84 - 2.91	2.07	1.63 - 2.61	0.423
Region 4	2.35	1.81 - 3.05	1.99	1.50 - 2.63	0.317
Region 5	2.84	2.13 - 3.78	2.25	1.72 - 2.94	0.173
Region 6	2.28	1.91 - 2.72	2.07	1.70 - 2.52	0.431
Region 6a	2.26	1.87 - 2.73	2.06	1.66 - 2.56	0.493
Region 6bc	2.47	1.91 - 3.19	2.17	1.64 - 2.87	0.385
Region 7	2.90 ^a	2.41 - 3.48	2.16	1.76 - 2.65	0.012
Region 7a	2.88 ^a	2.28 - 3.64	2.12	1.63 - 2.75	0.036
Region 7bcd	2.93 ^b	2.33 - 3.67	2.23	1.72 - 2.89	0.053
Region 8	2.35	1.86 - 2.96	2.38	1.89 - 3.00	0.918
Region 9	2.71	2.07 - 3.53	2.22	1.68 - 2.93	0.182
Region 10	2.87	2.19 - 3.76	2.35	1.80 - 3.07	0.188
Region 11	2.81	2.27 - 3.48	2.30	1.85 - 2.85	0.113
Region 11abd	2.72	2.10 - 3.52	2.34	1.80 - 3.03	0.304
Region 11c (Hidalgo)	3.00 ^b	2.28 - 3.94	2.22	1.66 - 2.97	0.065
Utah	2.72	2.24 - 3.30	2.51	2.09 - 3.01	0.444
Bear River, Northeastern, Summit, Tooele, and Wasatch	2.88 ^b	2.11 - 3.93	2.20	1.64 - 2.95	0.097
Central, Four Corners, San Juan, and Southwest	2.38	1.74 - 3.25	2.27	1.67 - 3.07	0.762
Davis County	2.57	1.92 - 3.44	2.51	1.85 - 3.38	0.867
Salt Lake County	2.79	2.15 - 3.61	2.57	1.99 - 3.32	0.582
Utah County	2.67	2.03 - 3.51	2.78	2.08 - 3.71	0.805
Weber, Morgan	2.88	2.10 - 3.95	2.44	1.78 - 3.35	0.320
Vermont	3.13	2.66 - 3.68	2.83	2.34 - 3.40	0.354
Champlain Valley	3.48	2.82 - 4.27	3.15	2.52 - 3.93	0.451
Rural Northeast	3.10	2.43 - 3.93	2.73	2.04 - 3.64	0.451
Rural Southeast	2.78	2.14 - 3.60	2.59	1.92 - 3.48	0.685
Rural Southwest	2.84	2.18 - 3.69	2.49	1.87 - 3.29	0.408
Virginia	2.54	2.11 - 3.05	2.21	1.84 - 2.65	0.196
Region 1	--	-- --	2.21	1.70 - 2.87	--
Region 2	2.35 ^b	1.76 - 3.13	1.73	1.29 - 2.31	0.057
Region 3	2.57	1.95 - 3.37	2.43	1.80 - 3.28	0.757
Region 4	--	-- --	2.22	1.63 - 3.02	--
Region 5	2.60	1.97 - 3.41	2.63	2.03 - 3.41	0.924

See notes at end of table.

(continued)

Table 21 Needing But Not Receiving Treatment for Illicit Drug Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	(95% Confidence Interval)	2010-2012 (Estimate)	(95% Confidence Interval)	
Washington¹	3.10 ^a	2.60 - 3.69	2.43	2.01 - 2.94	0.024
Region 1	--	-- --	2.43	1.88 - 3.13	--
East 1 (previously Region 1)	3.33 ^b	2.54 - 4.34	2.49	1.83 - 3.38	0.074
East 2 (previously Region 2)	3.27 ^a	2.43 - 4.39	2.34	1.71 - 3.20	0.043
Region 2	--	-- --	2.44	1.95 - 3.06	--
North 1 (previously Region 3)	3.01	2.31 - 3.92	2.62	1.97 - 3.47	0.377
North 2 (previously Region 4)	3.06 ^b	2.36 - 3.94	2.35	1.79 - 3.07	0.093
Region 3	--	-- --	2.41	1.91 - 3.05	--
West 1 (previously Region 5)	3.01	2.29 - 3.94	2.47	1.85 - 3.28	0.211
West 2 (previously Region 6)	3.06	2.31 - 4.06	2.36	1.76 - 3.16	0.123
West Virginia¹	2.60	2.18 - 3.09	2.49	2.04 - 3.03	0.704
Region I	2.24	1.69 - 2.97	2.20	1.58 - 3.04	0.916
Region II	--	-- --	2.14	1.60 - 2.86	--
Region III	2.31	1.71 - 3.10	2.07	1.47 - 2.92	0.588
Region IV	--	-- --	2.99	2.32 - 3.83	--
Region V	--	-- --	2.59	1.93 - 3.47	--
Region VI	--	-- --	2.32	1.65 - 3.26	--
Wisconsin	2.52	2.10 - 3.01	2.19	1.81 - 2.66	0.188
Milwaukee	2.67	1.97 - 3.61	2.99	2.14 - 4.16	0.552
Northeastern	2.36	1.81 - 3.05	1.93	1.45 - 2.56	0.206
Northern	2.21	1.64 - 2.97	1.98	1.45 - 2.72	0.532
Southeastern	2.39	1.84 - 3.12	2.08	1.57 - 2.76	0.355
Southern	--	-- --	2.13	1.60 - 2.82	--
Western	--	-- --	2.05	1.53 - 2.74	--

See notes at end of table.

(continued)

Table 21 Needing But Not Receiving Treatment for Illicit Drug Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004		2010-2012		P Value
	2002-2004 (Estimate)	95% Confidence Interval	2010-2012 (Estimate)	95% Confidence Interval	
Wyoming	2.60 ^a	2.16 - 3.12	1.86	1.52 - 2.28	0.003
Judicial District 1 (Laramie)	2.86 ^a	2.14 - 3.80	2.00	1.45 - 2.74	0.042
Judicial District 2	3.22 ^a	2.47 - 4.18	2.32	1.69 - 3.18	0.043
Judicial District 3	2.48 ^a	1.89 - 3.26	1.64	1.19 - 2.27	0.013
Judicial District 4	2.28	1.70 - 3.06	1.69	1.21 - 2.35	0.105
Judicial District 5	2.12 ^b	1.58 - 2.84	1.55	1.13 - 2.14	0.074
Judicial District 6	2.58 ^b	1.94 - 3.42	1.85	1.34 - 2.55	0.058
Judicial District 7 (Natrona)	2.86 ^b	2.13 - 3.82	2.08	1.52 - 2.83	0.062
Judicial District 8	2.12	1.55 - 2.90	1.70	1.23 - 2.36	0.229
Judicial District 9	2.46 ^b	1.80 - 3.34	1.78	1.27 - 2.48	0.067

ECBH = East Carolina Behavioral Health; SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2002-2004 and 2010-2012); hence, the 2002-2004 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2010-2012 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=34>.

NOTE: Substate, State, and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques, with their *p* values being the Bayes posterior probability of no change between the 2002-2004 and 2010-2012 estimates. The "Total U.S." estimates, along with the 95 percent confidence intervals and *p* values, are based on design-based (direct) estimation methods.

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

^a Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.10 level.

¹ Names of some of the substate regions for this State have changed across the two time periods (2002-2004 vs. 2010-2012). For details, see the methodology write-up for comparing estimates located below the tables.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2004, 2010, 2011, and 2012 (2010 Data - Revised March 2012).

Table 22 *Needing But Not Receiving Treatment for Alcohol Use in the Past Year* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	<i>P</i>Value
Total United States	7.27 ^a	7.08 - 7.46	6.43	6.26 - 6.61	0.000
Northeast	6.86	6.50 - 7.24	6.61	6.24 - 7.00	0.322
Midwest	8.09 ^a	7.78 - 8.41	6.63	6.32 - 6.96	0.000
South	6.74 ^a	6.47 - 7.03	5.80	5.50 - 6.11	0.000
West	7.61 ^b	7.23 - 8.01	7.11	6.69 - 7.55	0.072
Alabama	5.68	4.83 - 6.66	5.25	4.37 - 6.29	0.437
Region 1	5.48	4.34 - 6.89	4.74	3.55 - 6.30	0.340
Region 2	5.96	4.77 - 7.43	5.99	4.65 - 7.67	0.978
Region 3	5.81	4.51 - 7.45	4.63	3.40 - 6.27	0.157
Region 4	5.41	4.31 - 6.79	5.31	3.99 - 7.04	0.895
Alaska	7.53	6.43 - 8.80	7.55	6.41 - 8.87	0.980
Anchorage	--	-- --	8.20	6.63 - 10.09	--
Northern	--	-- --	7.46	5.69 - 9.73	--
South Central	--	-- --	6.56	4.88 - 8.77	--
Southeast	7.54	5.85 - 9.65	7.70	5.62 - 10.46	0.890
Arizona	9.19 ^a	7.98 - 10.56	7.36	6.14 - 8.80	0.028
Maricopa	9.63 ^a	8.18 - 11.31	7.37	5.95 - 9.09	0.028
Pima	9.05	7.31 - 11.17	7.95	5.90 - 10.62	0.392
Rural North	8.35	6.56 - 10.57	6.47	4.71 - 8.84	0.123
Rural South	7.98	6.21 - 10.19	7.41	5.31 - 10.25	0.644
Arkansas¹	6.56 ^a	5.61 - 7.66	4.98	4.09 - 6.04	0.011
Catchment Area 1	--	-- --	5.06	3.77 - 6.76	--
Catchment Area 2	5.61	4.31 - 7.27	4.56	3.21 - 6.44	0.234
Catchment Area 3	6.54 ^a	5.17 - 8.25	4.34	3.08 - 6.10	0.017
Catchment Area 4	--	-- --	5.29	3.79 - 7.33	--
Catchment Area 5	--	-- --	5.60	4.14 - 7.54	--
Catchment Area 6	--	-- --	4.84	3.42 - 6.81	--
Catchment Area 7	--	-- --	4.55	3.20 - 6.42	--
Catchment Area 8	6.51	5.15 - 8.19	5.22	3.89 - 6.96	0.153

See notes at end of table.

(continued)

Table 22 *Needing But Not Receiving Treatment for Alcohol Use in the Past Year* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
California	7.14	6.55 - 7.77	6.96	6.35 - 7.63	0.683
Region 1R	--	---	7.76	5.89 - 10.16	--
Region 2R	--	---	7.31	5.64 - 9.42	--
Region 3R (Sacramento)	--	---	6.80	5.26 - 8.75	--
Region 4R	--	---	6.65	5.13 - 8.59	--
Region 5R (San Francisco)	--	---	9.45	7.16 - 12.36	--
Region 6 (Santa Clara)	7.01	5.69 - 8.61	6.60	5.08 - 8.54	0.660
Region 7R (Contra Costa)	--	---	6.90	5.29 - 8.96	--
Region 8R (Alameda)	--	---	7.18	5.55 - 9.24	--
Region 9R (San Mateo)	--	---	6.15	4.52 - 8.33	--
Region 10	8.09	6.58 - 9.91	7.40	5.74 - 9.50	0.478
Region 11 (Los Angeles)	6.53	5.64 - 7.56	6.81	6.01 - 7.70	0.644
LA SPA 1 and 5	--	---	8.38	6.46 - 10.80	--
LA SPA 2	--	---	6.45	5.03 - 8.24	--
LA SPA 3	--	---	5.61	4.36 - 7.19	--
LA SPA 4	--	---	8.37	6.41 - 10.87	--
LA SPA 6	--	---	6.59	5.03 - 8.59	--
LA SPA 7	--	---	7.11	5.51 - 9.14	--
LA SPA 8	--	---	6.31	4.86 - 8.16	--
Region 12R	--	---	6.82	5.03 - 9.18	--
Regions 13 and 19R	--	---	6.61	5.27 - 8.26	--
Region 13 (Riverside)	6.77	5.44 - 8.38	6.62	5.21 - 8.39	0.872
Region 19R (Imperial)	--	---	6.48	4.75 - 8.77	--
Region 14 (Orange)	6.95	5.77 - 8.35	6.53	5.28 - 8.05	0.605
Region 15R (Fresno)	--	---	6.65	5.06 - 8.68	--
Region 16R (San Diego)	--	---	7.80	6.35 - 9.55	--
Region 17R	--	---	6.73	5.18 - 8.70	--
Region 18R (San Bernardino)	--	---	5.99	4.72 - 7.56	--
Region 20R	--	---	7.18	5.47 - 9.37	--
Region 21R	--	---	8.29	6.41 - 10.65	--
Colorado	9.46 ^b	8.25 - 10.82	8.02	6.82 - 9.42	0.075
Region 1	8.92	7.20 - 11.01	8.54	6.53 - 11.09	0.752
Regions 2 and 7	9.94 ^b	8.39 - 11.74	8.15	6.62 - 9.99	0.099
Region 3	8.58	6.87 - 10.67	7.48	5.67 - 9.80	0.329
Region 4	8.73	6.77 - 11.19	6.89	4.91 - 9.59	0.141
Regions 5 and 6	9.13	7.26 - 11.42	8.09	5.93 - 10.95	0.434
Connecticut	7.06	6.04 - 8.25	6.69	5.64 - 7.93	0.586
Eastern	7.71	6.07 - 9.74	6.76	5.14 - 8.85	0.374
North Central	6.90	5.50 - 8.62	6.17	4.74 - 8.01	0.453
Northwestern	6.67	5.28 - 8.40	6.17	4.52 - 8.37	0.617
South Central	7.33	5.90 - 9.06	7.53	5.77 - 9.78	0.852
Southwest	6.94	5.36 - 8.93	6.85	5.15 - 9.07	0.939

See notes at end of table.

(continued)

Table 22 *Needing But Not Receiving Treatment for Alcohol Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)*

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Delaware	6.68	5.72 - 7.79	6.30	5.27 - 7.52	0.564
Kent	6.01	4.68 - 7.69	6.00	4.47 - 8.02	0.994
New Castle (excluding Wilmington City)	7.28	6.12 - 8.63	6.58	5.31 - 8.12	0.404
Sussex	5.52	4.24 - 7.17	5.71	4.19 - 7.74	0.836
Wilmington City	7.00	5.30 - 9.19	6.84	4.89 - 9.49	0.889
District of Columbia	9.07 ^a	7.77 - 10.56	11.38	9.78 - 13.21	0.017
Ward 1	11.00 ^b	8.57 - 14.02	14.65	11.32 - 18.73	0.055
Ward 2	11.93	9.57 - 14.77	14.63	11.71 - 18.12	0.116
Ward 3	10.50	8.44 - 12.99	11.82	9.09 - 15.23	0.423
Ward 4	7.37	5.53 - 9.78	9.43	6.97 - 12.63	0.160
Ward 5	7.69 ^b	5.93 - 9.91	10.42	8.00 - 13.46	0.054
Ward 6	9.05 ^a	6.97 - 11.68	12.90	9.66 - 17.04	0.026
Ward 7	6.86	5.19 - 9.03	8.49	6.18 - 11.55	0.235
Ward 8	7.14	5.54 - 9.17	7.77	5.74 - 10.43	0.614
Florida¹	6.76 ^a	6.18 - 7.39	5.72	5.14 - 6.36	0.012
Region A - Northwest	--	-- --	7.49	6.25 - 8.96	--
Circuit 1	7.39	5.99 - 9.08	6.80	5.23 - 8.80	0.534
Circuit 2	--	-- --	9.14	6.99 - 11.87	--
Circuit 14	--	-- --	6.92	5.05 - 9.42	--
Region B - Northeast	--	-- --	5.93	4.99 - 7.04	--
Circuits 3 and 8	--	-- --	6.78	5.28 - 8.67	--
Circuit 4	--	-- --	6.01	4.62 - 7.78	--
Circuit 7	--	-- --	5.28	3.97 - 6.99	--
Region C - Central	--	-- --	5.58	4.83 - 6.45	--
Circuit 5	5.32	4.18 - 6.76	4.60	3.34 - 6.32	0.391
Circuit 9	--	-- --	6.25	4.96 - 7.84	--
Circuit 10	5.66	4.47 - 7.15	4.80	3.55 - 6.46	0.298
Circuit 18	--	-- --	6.40	4.91 - 8.32	--
Circuit 19	6.12	4.83 - 7.73	5.38	3.95 - 7.30	0.422
Region D - Southeast	--	-- --	5.18	4.27 - 6.28	--
Circuit 15 (Palm Beach)	6.10	4.92 - 7.55	5.27	4.00 - 6.90	0.337
Circuit 17 (Broward)	6.55 ^b	5.38 - 7.95	5.12	4.00 - 6.53	0.081
Region E - Sun Coast	--	-- --	6.15	5.25 - 7.19	--
Circuit 6	--	-- --	5.47	4.16 - 7.15	--
Circuit 12	--	-- --	7.29	5.31 - 9.92	--
Circuit 13 (Hillsborough)	--	-- --	6.63	5.25 - 8.33	--
Circuit 20	5.50	4.34 - 6.95	5.73	4.31 - 7.59	0.791
Region F - Southern (Circuits 11 and 16)	5.88 ^b	4.85 - 7.10	4.70	3.74 - 5.88	0.086
Georgia	6.47 ^a	5.51 - 7.59	5.07	4.21 - 6.09	0.019
Region 1	--	-- --	4.74	3.61 - 6.20	--
Region 2	--	-- --	4.94	3.69 - 6.59	--
Region 3	--	-- --	5.30	4.03 - 6.94	--
Region 4	--	-- --	4.58	3.25 - 6.41	--
Region 5	--	-- --	5.51	3.96 - 7.61	--
Region 6	--	-- --	5.16	3.74 - 7.09	--

See notes at end of table.

(continued)

Table 22 *Needing But Not Receiving Treatment for Alcohol Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)*

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Hawaii	7.17	6.14 - 8.34	7.33	6.19 - 8.66	0.830
Hawaii Island	6.95	5.40 - 8.89	7.71	5.62 - 10.49	0.530
Honolulu	7.22	6.09 - 8.54	7.06	5.84 - 8.51	0.852
Kauai and Maui	7.11	5.52 - 9.11	8.18	6.21 - 10.70	0.387
Kauai	--	-- --	7.40	5.15 - 10.51	--
Maui	--	-- --	8.52	6.21 - 11.59	--
Idaho	7.63	6.70 - 8.68	6.94	5.81 - 8.27	0.315
Region 1	7.33	5.76 - 9.27	7.19	5.26 - 9.77	0.909
Region 2	8.88	7.17 - 10.95	7.71	5.66 - 10.43	0.347
Region 3	6.98	5.58 - 8.70	6.17	4.63 - 8.17	0.398
Region 4	8.14	6.74 - 9.80	8.03	6.16 - 10.41	0.926
Region 5	7.22	5.83 - 8.91	5.78	4.20 - 7.91	0.157
Region 6	7.98	6.45 - 9.82	7.24	5.41 - 9.61	0.506
Region 7	6.91	5.43 - 8.76	5.56	4.04 - 7.60	0.167
Illinois	8.52 ^a	7.85 - 9.25	6.68	6.07 - 7.35	0.000
Region I (Cook)	9.16 ^a	8.12 - 10.31	6.98	6.06 - 8.04	0.002
Region II	8.18 ^a	7.16 - 9.33	6.06	5.17 - 7.09	0.002
Region III	8.59	7.37 - 9.98	7.66	6.32 - 9.27	0.303
Region IV	7.20 ^b	6.02 - 8.59	5.74	4.44 - 7.38	0.088
Region V	7.64	6.45 - 9.02	6.99	5.66 - 8.60	0.459
Indiana	7.38	6.45 - 8.44	6.72	5.61 - 8.02	0.320
Central	7.09	5.71 - 8.76	6.98	5.23 - 9.25	0.918
East	7.56	6.00 - 9.48	6.48	4.74 - 8.79	0.310
North Central	7.23	5.79 - 8.99	6.53	4.84 - 8.75	0.515
Northeast	6.80	5.32 - 8.65	6.29	4.54 - 8.64	0.639
Northwest	7.20	5.72 - 9.03	6.57	4.87 - 8.80	0.549
Southeast	6.73	5.39 - 8.38	5.76	4.17 - 7.92	0.319
Southwest	7.42	5.88 - 9.31	6.10	4.42 - 8.37	0.216
West	9.37	7.62 - 11.48	8.41	6.46 - 10.88	0.416
Iowa	8.06	7.05 - 9.20	7.24	6.12 - 8.55	0.254
Central	7.97	6.38 - 9.91	7.39	5.63 - 9.63	0.597
North Central	8.28	6.70 - 10.20	7.83	5.74 - 10.59	0.704
Northeast	8.62	7.13 - 10.38	6.98	5.40 - 8.98	0.130
Northwest	7.17	5.69 - 8.98	6.52	4.80 - 8.79	0.539
Southeast	8.34	6.79 - 10.19	7.51	5.79 - 9.70	0.445
Southwest	7.44	5.84 - 9.42	7.51	5.53 - 10.12	0.952
Kansas	7.50 ^a	6.53 - 8.61	6.08	5.09 - 7.24	0.026
Kansas City Metro	8.41 ^a	7.01 - 10.06	5.68	4.43 - 7.26	0.003
Northeast	7.58	6.11 - 9.37	6.58	4.92 - 8.76	0.332
South Central	6.45	5.11 - 8.12	5.98	4.37 - 8.12	0.617
Southeast	7.11	5.61 - 8.97	5.84	4.19 - 8.08	0.214
West	6.66	5.19 - 8.50	7.04	5.16 - 9.55	0.725
Wichita (Sedgwick)	7.34	5.88 - 9.12	5.85	4.37 - 7.78	0.138

See notes at end of table.

(continued)

Table 22 *Needing But Not Receiving Treatment for Alcohol Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)*

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Kentucky	6.34 ^a	5.45 - 7.37	4.89	4.02 - 5.93	0.013
Adanta, Cumberland River, and Lifeskills	5.81	4.63 - 7.27	4.90	3.57 - 6.70	0.287
Bluegrass, Comprehend, and North Key	7.22 ^a	5.88 - 8.83	4.98	3.80 - 6.50	0.008
Communicare and River Valley	5.90 ^b	4.62 - 7.50	4.34	3.07 - 6.11	0.066
Four Rivers and Pennyroyal	6.23	4.82 - 8.02	5.08	3.65 - 7.02	0.195
Kentucky River, Mountain, and Pathways	5.67	4.37 - 7.33	4.56	3.19 - 6.47	0.211
Seven Counties	6.26	4.92 - 7.94	5.12	3.81 - 6.83	0.203
Louisiana	7.66 ^a	6.70 - 8.74	6.10	5.18 - 7.18	0.012
Regions 1 and 10	--	-- --	6.26	4.92 - 7.94	--
Region 1	7.62	6.03 - 9.60	6.65	4.87 - 9.01	0.379
Region 10 (Jefferson)	7.80 ^b	6.11 - 9.91	5.88	4.32 - 7.97	0.070
Regions 2 and 9	8.60 ^a	7.12 - 10.35	5.93	4.62 - 7.58	0.006
Region 3	7.35 ^a	5.75 - 9.34	5.44	4.00 - 7.35	0.049
Regions 4, 5, and 6	--	-- --	6.53	5.03 - 8.43	--
Regions 7 and 8	6.91	5.61 - 8.48	5.91	4.53 - 7.68	0.252
Maine¹	6.78 ^b	5.82 - 7.90	5.64	4.68 - 6.79	0.071
Aroostook/Downeast	--	-- --	5.34	4.02 - 7.07	--
Aroostook	--	-- --	5.14	3.59 - 7.32	--
Downeast	--	-- --	5.51	3.89 - 7.75	--
Central	--	-- --	5.50	4.01 - 7.51	--
Cumberland	7.56	6.10 - 9.34	6.44	4.83 - 8.53	0.289
Midcoast	6.14	4.75 - 7.90	5.37	3.80 - 7.54	0.435
Penquis	--	-- --	5.93	4.45 - 7.86	--
Western	--	-- --	5.14	3.78 - 6.96	--
York	6.56	5.15 - 8.33	5.32	3.90 - 7.22	0.201
Maryland	6.51 ^a	5.55 - 7.62	5.29	4.39 - 6.36	0.043
Anne Arundel	6.65	5.11 - 8.63	5.66	4.15 - 7.66	0.286
Baltimore City	7.12	5.51 - 9.16	5.55	4.10 - 7.46	0.122
Baltimore County	--	-- --	5.79	4.30 - 7.74	--
Montgomery	6.07	4.75 - 7.72	4.94	3.58 - 6.78	0.204
North Central	--	-- --	5.29	3.77 - 7.39	--
Northeast	--	-- --	5.03	3.62 - 6.95	--
Prince George's	6.26	4.84 - 8.06	5.02	3.63 - 6.90	0.178
South	--	-- --	5.05	3.63 - 6.98	--
West	--	-- --	5.42	3.97 - 7.36	--

See notes at end of table.

(continued)

Table 22 *Needing But Not Receiving Treatment for Alcohol Use in the Past Year* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	<i>P</i>Value
Massachusetts	7.81	6.79 - 8.97	8.09	6.94 - 9.41	0.692
Boston	9.09	7.30 - 11.26	10.64	8.29 - 13.55	0.225
Central	7.50	5.89 - 9.50	7.63	5.65 - 10.21	0.912
Metrowest	8.23	6.69 - 10.10	8.71	6.78 - 11.13	0.675
Northeast	7.12	5.69 - 8.89	7.65	5.83 - 9.98	0.629
Southeast	7.28	5.83 - 9.05	6.98	5.36 - 9.04	0.773
Western	8.00	6.39 - 9.96	7.36	5.57 - 9.68	0.563
Michigan¹	7.72 ^a	7.11 - 8.38	6.72	6.12 - 7.37	0.019
Detroit City	7.69	6.25 - 9.42	6.50	4.96 - 8.47	0.270
Genesee	7.49	6.06 - 9.23	6.08	4.67 - 7.88	0.134
Kalamazoo	--	-- --	6.04	4.72 - 7.71	--
Kent	8.59	7.15 - 10.28	8.09	6.34 - 10.25	0.644
Lakeshore	--	-- --	7.21	5.70 - 9.07	--
Macomb	7.52	6.21 - 9.08	7.48	5.96 - 9.34	0.965
Mid South	--	-- --	6.07	4.86 - 7.54	--
Northern	7.94 ^b	6.58 - 9.54	6.24	4.88 - 7.93	0.076
Oakland	7.28	6.11 - 8.65	6.55	5.27 - 8.11	0.397
Pathways and Western	--	-- --	8.29	6.35 - 10.74	--
Riverhaven	7.47	6.00 - 9.27	7.00	5.31 - 9.18	0.653
Saginaw	7.22	5.76 - 9.02	6.09	4.48 - 8.23	0.248
Southeast	7.47	6.26 - 8.89	6.50	5.26 - 8.01	0.271
St. Clair	6.90	5.52 - 8.60	5.83	4.39 - 7.70	0.255
Washtenaw	7.68	6.32 - 9.30	7.39	5.88 - 9.26	0.769
Minnesota	8.26 ^a	7.19 - 9.47	6.87	5.80 - 8.13	0.045
Regions 1 and 2	8.21	6.55 - 10.25	6.37	4.53 - 8.88	0.109
Regions 3 and 4	8.44	6.89 - 10.30	7.31	5.55 - 9.58	0.312
Regions 5 and 6	8.66	7.07 - 10.57	6.97	5.26 - 9.17	0.122
Region 7A (Hennepin)	7.95	6.37 - 9.88	7.37	5.67 - 9.51	0.595
Region 7B (Ramsey)	9.17 ^b	7.23 - 11.58	7.02	5.13 - 9.54	0.083
Region 7C	7.65	6.09 - 9.56	6.11	4.70 - 7.92	0.129
Mississippi	6.06	5.13 - 7.14	5.46	4.57 - 6.51	0.293
Region 1	5.54	4.37 - 7.00	5.36	4.06 - 7.06	0.818
Region 2	5.96	4.56 - 7.75	5.55	4.02 - 7.63	0.668
Region 3	6.04	4.71 - 7.71	5.89	4.42 - 7.81	0.865
Region 4	6.60 ^b	5.12 - 8.47	4.93	3.68 - 6.58	0.061
Region 5	5.59	4.21 - 7.38	5.30	3.71 - 7.52	0.762
Region 6	6.46	4.97 - 8.35	5.70	4.25 - 7.62	0.425
Region 7	6.21	4.85 - 7.91	5.63	4.18 - 7.54	0.521

See notes at end of table.

(continued)

Table 22 *Needing But Not Receiving Treatment for Alcohol Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)*

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Missouri	8.05 ^a	7.03 - 9.19	5.57	4.64 - 6.67	0.000
Central	8.83 ^a	7.22 - 10.77	5.76	4.28 - 7.71	0.004
Eastern	8.47 ^a	7.11 - 10.07	5.90	4.69 - 7.40	0.003
Eastern (St. Louis City and County)	8.84 ^a	7.15 - 10.87	5.79	4.40 - 7.58	0.005
Eastern (excluding St. Louis)	7.74	6.19 - 9.63	6.09	4.48 - 8.24	0.107
Northwest	8.11 ^a	6.79 - 9.66	5.59	4.38 - 7.12	0.003
Northwest (Jackson)	8.35 ^a	6.71 - 10.35	5.93	4.40 - 7.95	0.029
Northwest (excluding Jackson)	7.88 ^a	6.30 - 9.82	5.31	3.86 - 7.25	0.012
Southeast	6.88 ^b	5.39 - 8.73	5.02	3.62 - 6.91	0.062
Southwest	7.21 ^a	5.77 - 8.97	5.05	3.67 - 6.91	0.032
Montana	9.42 ^b	8.21 - 10.80	7.92	6.80 - 9.22	0.066
Region 1	8.39	6.57 - 10.65	7.26	5.29 - 9.90	0.375
Region 2	8.73	7.04 - 10.79	7.64	5.70 - 10.17	0.386
Region 3	8.97	7.26 - 11.02	7.28	5.62 - 9.39	0.141
Region 4	9.86	8.19 - 11.83	8.74	6.97 - 10.90	0.355
Region 5	10.01 ^b	8.25 - 12.08	7.95	6.32 - 9.95	0.076
Nebraska	9.40 ^a	8.25 - 10.69	6.59	5.56 - 7.78	0.000
Regions 1 and 2	8.30 ^b	6.56 - 10.45	6.38	4.82 - 8.39	0.076
Region 1	--	-- --	6.67	4.68 - 9.44	--
Region 2	--	-- --	6.12	4.34 - 8.57	--
Region 3	8.87 ^b	7.08 - 11.06	6.67	4.99 - 8.87	0.053
Region 4	8.07	6.42 - 10.08	6.29	4.55 - 8.64	0.122
Region 5	10.44 ^a	8.65 - 12.56	7.13	5.61 - 9.02	0.004
Region 6	9.66 ^a	8.13 - 11.44	6.37	5.07 - 7.97	0.001
Nevada¹	8.10	6.94 - 9.43	9.06	7.61 - 10.77	0.280
Clark – Region 1	8.19	6.86 - 9.75	8.44	6.85 - 10.37	0.809
Region 3	7.17 ^b	5.67 - 9.03	9.47	7.16 - 12.44	0.067
Capital District	--	-- --	9.53	6.72 - 13.34	--
Rural/Frontier	--	-- --	9.43	6.66 - 13.18	--
Washoe – Region 2	8.48 ^a	6.85 - 10.46	11.57	8.96 - 14.82	0.034
New Hampshire	8.33 ^a	7.23 - 9.59	6.51	5.51 - 7.66	0.009
Central	8.31	6.99 - 9.87	6.87	5.50 - 8.54	0.106
Central 1	8.86	7.22 - 10.83	7.52	5.77 - 9.74	0.222
Central 2	7.78	6.16 - 9.79	6.24	4.62 - 8.39	0.170
Northern	8.46	6.75 - 10.56	7.06	5.29 - 9.37	0.236
Southern	8.31 ^a	7.03 - 9.81	6.20	5.10 - 7.53	0.008
Southern 1 (Rockingham)	7.91 ^b	6.26 - 9.95	6.13	4.63 - 8.08	0.084
Southern 2	8.55 ^a	7.07 - 10.32	6.25	4.95 - 7.86	0.016
New Jersey	6.04	5.09 - 7.15	6.05	5.04 - 7.25	0.985
Central	6.01	4.77 - 7.56	6.09	4.57 - 8.07	0.935
Metropolitan	5.99	4.65 - 7.68	6.05	4.59 - 7.94	0.948
Northern	5.77	4.56 - 7.27	6.20	4.77 - 8.01	0.622
Southern	6.53	5.15 - 8.26	5.77	4.33 - 7.67	0.411

See notes at end of table.

(continued)

Table 22 *Needing But Not Receiving Treatment for Alcohol Use in the Past Year* among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	<i>P</i> Value
New Mexico	9.43 ^a	8.17 - 10.87	6.99	5.85 - 8.32	0.003
Region 1	8.29 ^a	6.61 - 10.37	5.70	4.31 - 7.50	0.013
Region 2	9.11	7.22 - 11.44	6.90	4.97 - 9.51	0.105
Region 3 (Bernalillo)	10.45 ^a	8.71 - 12.48	7.92	6.16 - 10.13	0.039
Region 4	8.57 ^b	6.72 - 10.87	6.42	4.77 - 8.61	0.065
Region 5	9.81 ^a	7.88 - 12.14	7.22	5.47 - 9.47	0.040
New York	6.64	6.04 - 7.29	6.53	5.92 - 7.20	0.793
Region A	6.32	5.57 - 7.16	6.54	5.72 - 7.46	0.689
Region 1	6.55	5.27 - 8.12	5.69	4.40 - 7.34	0.338
Region 2	6.01	4.95 - 7.29	6.71	5.42 - 8.27	0.389
Region 3	8.22	6.75 - 9.97	7.99	6.24 - 10.17	0.835
Region 4	5.23	4.17 - 6.54	5.73	4.49 - 7.28	0.510
Region B	--	-- --	6.04	5.19 - 7.01	--
Region 5	6.37	5.38 - 7.54	5.68	4.63 - 6.96	0.342
Region 6	6.80	5.49 - 8.39	6.27	4.82 - 8.12	0.579
Region 7	6.95	5.63 - 8.54	6.85	5.28 - 8.85	0.924
Region C	--	-- --	7.11	6.24 - 8.10	--
Region 8	7.13	5.88 - 8.61	7.16	5.60 - 9.11	0.972
Region 9	7.22	5.95 - 8.74	6.22	4.84 - 7.97	0.262
Region 10	7.77	6.36 - 9.47	6.82	5.16 - 8.97	0.358
Region 11	6.67	5.45 - 8.14	8.14	6.37 - 10.34	0.144
Region 12	7.25	5.99 - 8.75	6.99	5.46 - 8.90	0.779
Region D	7.04	6.09 - 8.12	6.33	5.24 - 7.63	0.304
Region 13	6.81	5.49 - 8.41	5.91	4.41 - 7.88	0.334
Region 14	7.47	6.04 - 9.21	7.14	5.33 - 9.51	0.762
Region 15	6.82	5.53 - 8.39	5.91	4.39 - 7.90	0.344
North Carolina	5.99 ^a	5.06 - 7.09	4.83	3.97 - 5.87	0.049
Alliance	--	-- --	4.85	3.65 - 6.42	--
Cardinal Innovations	--	-- --	4.89	3.58 - 6.64	--
CenterPoint/Guilford	--	-- --	4.67	3.50 - 6.21	--
CenterPoint	--	-- --	4.48	3.12 - 6.38	--
Guilford	--	-- --	4.88	3.44 - 6.89	--
CoastalCare	--	-- --	5.38	3.82 - 7.52	--
Eastpointe	--	-- --	4.05	2.83 - 5.75	--
ECBH	--	-- --	4.97	3.48 - 7.06	--
MeckLINK	--	-- --	5.33	3.79 - 7.45	--
Partners	--	-- --	4.62	3.27 - 6.50	--
Sandhills	--	-- --	4.35	3.00 - 6.27	--
Smoky Mountain	--	-- --	5.26	3.67 - 7.47	--
Western Highlands	--	-- --	4.94	3.48 - 6.96	--

See notes at end of table.

(continued)

Table 22 *Needing But Not Receiving Treatment for Alcohol Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)*

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
North Dakota	9.98 ^a	8.79 - 11.32	7.89	6.80 - 9.13	0.008
Badlands and West Central Lake Region and South Central	8.93 ^b	7.38 - 10.75	7.06	5.45 - 9.09	0.091
North Central and Northwest	7.78	6.17 - 9.76	7.20	5.34 - 9.65	0.630
Northeast	9.74	7.92 - 11.93	8.30	6.50 - 10.54	0.228
Southeast	11.40	9.50 - 13.63	9.95	7.89 - 12.48	0.268
	11.78 ^a	9.98 - 13.84	7.81	6.26 - 9.69	0.001
Ohio	7.10	6.50 - 7.76	6.51	5.92 - 7.15	0.158
Boards 2, 46, 55, and 68	6.51	5.25 - 8.04	5.58	4.26 - 7.28	0.282
Boards 3, 52, and 85	6.50	5.28 - 8.00	6.15	4.63 - 8.11	0.687
Boards 4 and 78	7.03	5.64 - 8.72	6.25	4.60 - 8.44	0.450
Boards 5 and 60	7.76	6.34 - 9.47	6.98	5.30 - 9.14	0.454
Boards 7, 15, 41, 79, and 84	6.52	5.25 - 8.05	5.61	4.27 - 7.33	0.313
Boards 8, 13, and 83	6.05	4.84 - 7.53	5.28	4.06 - 6.84	0.332
Board 9 (Butler)	7.48	6.11 - 9.13	6.81	5.28 - 8.74	0.471
Board 12	7.00	5.72 - 8.55	6.74	5.09 - 8.86	0.782
Boards 18 and 47	7.01	5.90 - 8.31	6.81	5.56 - 8.33	0.818
Boards 20, 32, 54, and 69	6.78	5.44 - 8.42	5.73	4.30 - 7.60	0.247
Boards 21, 39, 51, 70, and 80	6.65	5.39 - 8.17	6.07	4.65 - 7.89	0.506
Boards 22, 74, and 87	7.19	5.86 - 8.78	6.26	4.82 - 8.11	0.326
Boards 23 and 45	7.40 ^b	5.94 - 9.17	5.64	4.21 - 7.50	0.059
Board 25 (Franklin)	8.30	7.00 - 9.82	8.37	6.84 - 10.20	0.947
Boards 27, 71, and 73	6.33	5.08 - 7.86	5.81	4.39 - 7.66	0.561
Boards 28, 43, and 67	7.24	5.96 - 8.77	6.84	5.31 - 8.78	0.674
Board 31 (Hamilton)	6.82	5.59 - 8.30	5.89	4.60 - 7.51	0.291
Board 48 (Lucas)	7.59	6.20 - 9.27	7.29	5.51 - 9.59	0.779
Boards 50 and 76	6.94	5.60 - 8.58	6.02	4.67 - 7.73	0.315
Board 57 (Montgomery)	7.70 ^b	6.27 - 9.42	6.05	4.62 - 7.88	0.091
Board 77 (Summit)	7.36	5.95 - 9.09	7.52	5.80 - 9.69	0.886
Oklahoma	6.90	5.93 - 8.03	7.62	6.41 - 9.03	0.308
Central	7.09	5.59 - 8.97	8.04	5.89 - 10.87	0.423
East Central	5.74	4.41 - 7.44	7.09	5.08 - 9.82	0.218
Northeast	6.63	5.23 - 8.37	6.42	4.81 - 8.52	0.838
Northwest and Southwest	6.69 ^b	5.32 - 8.39	9.16	6.74 - 12.33	0.052
Oklahoma County	7.69	6.13 - 9.60	7.21	5.40 - 9.55	0.668
Southeast	6.43	5.09 - 8.10	7.76	5.73 - 10.44	0.241
Tulsa County	7.53	6.01 - 9.38	7.61	5.69 - 10.11	0.941
Oregon	7.14	6.19 - 8.22	7.19	6.07 - 8.50	0.938
Region 1 (Multnomah)	8.70	7.07 - 10.66	8.99	6.91 - 11.63	0.815
Region 2	7.10	5.75 - 8.74	6.17	4.65 - 8.15	0.339
Region 3	7.02	5.74 - 8.55	7.49	5.91 - 9.46	0.627
Region 4	5.98	4.75 - 7.50	6.08	4.40 - 8.34	0.919
Region 5 (Central)	--	-- --	7.46	5.33 - 10.36	--
Region 6 (Eastern)	--	-- --	6.21	4.34 - 8.80	--

See notes at end of table.

(continued)

Table 22 *Needing But Not Receiving Treatment for Alcohol Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)*

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Pennsylvania¹	6.86	6.29 - 7.48	6.28	5.68 - 6.95	0.161
Region 1 (Allegheny)	7.81	6.59 - 9.23	6.93	5.57 - 8.58	0.327
Regions 3, 8, 9, and 51	--	-- --	6.49	4.96 - 8.46	--
Regions 4, 11, 37, and 49	6.79	5.59 - 8.22	5.65	4.38 - 7.25	0.165
Regions 5, 18, 23, 24, and 46	6.07 ^b	4.96 - 7.40	4.75	3.57 - 6.28	0.090
Regions 6, 12, 16, 31, 35, 45, and 47	--	-- --	6.03	4.73 - 7.64	--
Regions 7, 13, 20, and 33	6.40	5.45 - 7.52	6.47	5.32 - 7.84	0.931
Regions 10, 15, 27, 32, 43, and 44	--	-- --	6.04	4.58 - 7.93	--
Regions 17 and 21	7.93	6.46 - 9.70	6.67	5.06 - 8.76	0.227
Regions 19, 26, 28, and 42	6.31	5.28 - 7.53	5.13	4.03 - 6.51	0.114
Regions 22, 38, 40, 41, and 48	5.87	4.75 - 7.23	5.34	4.11 - 6.91	0.519
Regions 29 and 34	6.17	4.98 - 7.62	5.69	4.31 - 7.47	0.578
Regions 30 and 50	--	-- --	5.83	4.47 - 7.58	--
Region 36 (Philadelphia)	7.45	6.27 - 8.83	8.70	7.00 - 10.78	0.215
Rhode Island	8.84	7.69 - 10.16	8.76	7.41 - 10.34	0.925
Bristol and Newport	9.42	7.45 - 11.83	9.74	7.27 - 12.94	0.824
Kent	8.03	6.35 - 10.12	9.22	6.89 - 12.24	0.375
Providence	8.71	7.35 - 10.30	8.32	6.79 - 10.17	0.701
Washington	9.95	7.92 - 12.42	9.25	7.02 - 12.10	0.619
South Carolina	7.38 ^b	6.30 - 8.64	6.16	5.15 - 7.36	0.077
Region 1	7.18	5.72 - 8.97	5.85	4.39 - 7.76	0.172
Region 2	7.55 ^a	6.21 - 9.17	5.61	4.34 - 7.23	0.037
Region 3	6.86	5.32 - 8.81	7.40	5.40 - 10.05	0.650
Region 4	7.76	6.18 - 9.70	6.28	4.80 - 8.18	0.145
South Dakota	9.53 ^a	8.36 - 10.86	7.92	6.74 - 9.28	0.041
Region 1	--	-- --	8.09	6.20 - 10.48	--
Region 2	--	-- --	8.92	6.44 - 12.22	--
Region 3	--	-- --	7.52	5.77 - 9.74	--
Region 4	--	-- --	8.01	6.01 - 10.59	--
Region 5	--	-- --	7.74	6.09 - 9.78	--
Tennessee	6.02	5.13 - 7.05	5.73	4.75 - 6.91	0.629
Region 1	5.80	4.46 - 7.52	5.33	3.82 - 7.38	0.602
Region 2	6.02	4.71 - 7.65	5.47	4.05 - 7.34	0.530
Region 3	--	-- --	5.30	3.88 - 7.20	--
Region 4 (Davidson)	7.14	5.58 - 9.09	6.99	5.06 - 9.59	0.897
Region 5	--	-- --	6.24	4.68 - 8.27	--
Region 6	6.00	4.62 - 7.75	5.34	3.80 - 7.46	0.487
Region 7 (Shelby)	6.15	4.78 - 7.90	5.31	3.84 - 7.30	0.367

See notes at end of table.

(continued)

Table 22 *Needing But Not Receiving Treatment for Alcohol Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)*

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Texas	7.34 ^a	6.77 - 7.96	6.43	5.83 - 7.08	0.028
Region 1	8.41	6.91 - 10.21	7.25	5.60 - 9.34	0.283
Region 2	6.62	5.28 - 8.27	6.59	4.90 - 8.81	0.975
Region 3	6.95	6.12 - 7.87	6.02	5.19 - 6.98	0.111
Region 3a	6.86	5.88 - 7.99	5.71	4.71 - 6.91	0.109
Region 3bc	7.10	5.94 - 8.46	6.56	5.36 - 8.01	0.496
Region 4	6.17	4.95 - 7.67	5.60	4.20 - 7.43	0.517
Region 5	6.43	5.13 - 8.03	6.16	4.66 - 8.10	0.770
Region 6	7.22 ^b	6.27 - 8.31	6.09	5.12 - 7.21	0.097
Region 6a	7.26 ^b	6.22 - 8.44	5.99	4.97 - 7.21	0.087
Region 6bc	6.97	5.64 - 8.58	6.90	5.16 - 9.18	0.946
Region 7	9.36 ^b	8.20 - 10.67	8.01	6.76 - 9.47	0.100
Region 7a	9.69	8.19 - 11.43	8.59	6.91 - 10.62	0.313
Region 7bcd	8.89 ^b	7.45 - 10.56	7.05	5.60 - 8.84	0.054
Region 8	7.26	6.06 - 8.68	6.76	5.38 - 8.45	0.560
Region 9	7.15	5.76 - 8.85	7.31	5.55 - 9.58	0.875
Region 10	7.59	6.16 - 9.33	6.96	5.30 - 9.11	0.538
Region 11	7.02 ^b	5.99 - 8.22	5.71	4.74 - 6.87	0.051
Region 11abd	7.19	5.92 - 8.71	5.81	4.58 - 7.35	0.108
Region 11c (Hidalgo)	6.68	5.43 - 8.21	5.53	4.23 - 7.20	0.163
Utah	6.17 ^a	5.23 - 7.27	4.27	3.50 - 5.20	0.001
Bear River, Northeastern, Summit, Tooele, and Wasatch	6.30 ^a	4.89 - 8.09	3.95	2.89 - 5.39	0.003
Central, Four Corners, San Juan, and Southwest	5.07	3.87 - 6.61	4.13	2.92 - 5.82	0.231
Davis County	5.95 ^a	4.59 - 7.69	4.11	2.99 - 5.63	0.020
Salt Lake County	6.65 ^a	5.41 - 8.15	4.63	3.58 - 5.97	0.012
Utah County	6.03 ^a	4.73 - 7.65	4.06	3.01 - 5.46	0.009
Weber, Morgan	5.85 ^a	4.46 - 7.65	3.96	2.81 - 5.55	0.021
Vermont	7.53 ^b	6.54 - 8.65	6.39	5.37 - 7.57	0.089
Champlain Valley	8.33 ^b	6.99 - 9.89	6.73	5.43 - 8.32	0.071
Rural Northeast	7.27	5.88 - 8.96	6.81	5.13 - 9.00	0.664
Rural Southeast	6.72	5.30 - 8.50	6.04	4.54 - 7.99	0.502
Rural Southwest	7.07 ^b	5.55 - 8.96	5.34	3.95 - 7.20	0.082
Virginia	7.02	6.02 - 8.17	6.15	5.17 - 7.29	0.175
Region 1	--	-- --	7.30	5.67 - 9.36	--
Region 2	8.17 ^a	6.50 - 10.22	5.71	4.34 - 7.49	0.020
Region 3	7.05	5.62 - 8.81	7.19	5.44 - 9.45	0.897
Region 4	--	-- --	5.02	3.71 - 6.76	--
Region 5	6.10	4.78 - 7.76	5.95	4.50 - 7.82	0.861

See notes at end of table.

(continued)

Table 22 *Needing But Not Receiving Treatment for Alcohol Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)*

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	P Value
Washington¹	7.29	6.29 - 8.44	7.09	6.02 - 8.34	0.770
Region 1	--	-- --	6.90	5.44 - 8.72	--
East 1 (previously Region 1)	7.20	5.76 - 8.96	7.60	5.67 - 10.12	0.712
East 2 (previously Region 2)	7.05	5.47 - 9.03	5.96	4.30 - 8.19	0.297
Region 2	--	-- --	7.29	5.99 - 8.86	--
North 1 (previously Region 3)	7.13	5.68 - 8.93	7.54	5.78 - 9.78	0.706
North 2 (previously Region 4)	7.63	6.18 - 9.38	7.15	5.59 - 9.11	0.635
Region 3	--	-- --	6.94	5.59 - 8.59	--
West 1 (previously Region 5)	7.30	5.84 - 9.10	6.78	5.12 - 8.95	0.624
West 2 (previously Region 6)	7.04	5.63 - 8.77	7.08	5.35 - 9.31	0.967
West Virginia¹	6.53 ^a	5.61 - 7.59	5.26	4.40 - 6.29	0.029
Region I	6.33	4.86 - 8.20	5.17	3.60 - 7.38	0.252
Region II	--	-- --	5.25	3.82 - 7.17	--
Region III	6.00 ^b	4.60 - 7.79	4.48	3.20 - 6.24	0.093
Region IV	--	-- --	7.25	5.71 - 9.17	--
Region V	--	-- --	4.50	3.43 - 5.88	--
Region VI	--	-- --	4.53	3.25 - 6.29	--
Wisconsin	9.92 ^a	8.65 - 11.34	7.05	5.89 - 8.43	0.000
Milwaukee	11.04 ^a	8.94 - 13.55	7.02	5.15 - 9.49	0.004
Northeastern	9.64 ^a	7.88 - 11.73	7.14	5.51 - 9.20	0.032
Northern	9.17 ^b	7.32 - 11.43	6.68	4.72 - 9.37	0.053
Southeastern	9.20	7.40 - 11.37	7.32	5.37 - 9.91	0.154
Southern	--	-- --	7.50	5.59 - 9.99	--
Western	--	-- --	6.16	4.51 - 8.37	--

See notes at end of table.

(continued)

Table 22 Needing But Not Receiving Treatment for Alcohol Use in the Past Year among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2002-2004 and 2010-2012 NSDUHs (continued)

State/Substate Region	2002-2004 (Estimate)	2002-2004 (95% Confidence Interval)	2010-2012 (Estimate)	2010-2012 (95% Confidence Interval)	<i>P</i> Value
Wyoming	9.16 ^a	8.00 - 10.47	7.09	6.03 - 8.33	0.006
Judicial District 1 (Laramie)	8.44 ^b	6.73 - 10.53	6.52	4.91 - 8.60	0.081
Judicial District 2	13.73 ^a	11.49 - 16.34	9.96	7.90 - 12.47	0.008
Judicial District 3	8.78 ^a	7.07 - 10.85	5.46	4.06 - 7.32	0.002
Judicial District 4	8.16	6.40 - 10.35	6.66	4.81 - 9.16	0.228
Judicial District 5	7.68	5.95 - 9.85	7.82	5.58 - 10.85	0.916
Judicial District 6	8.95 ^a	7.20 - 11.08	6.55	4.89 - 8.71	0.033
Judicial District 7 (Natrona)	9.27	7.40 - 11.56	7.39	5.58 - 9.74	0.126
Judicial District 8	7.81	6.07 - 9.98	6.91	5.02 - 9.43	0.451
Judicial District 9	9.51	7.56 - 11.90	7.41	5.35 - 10.18	0.129

ECBH = East Carolina Behavioral Health; SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2002-2004 and 2010-2012); hence, the 2002-2004 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2010-2012 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=34>.

NOTE: Substate, State, and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques, with their *p* values being the Bayes posterior probability of no change between the 2002-2004 and 2010-2012 estimates. The "Total U.S." estimates, along with the 95 percent confidence intervals and *p* values, are based on design-based (direct) estimation methods.

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

^a Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.05 level.

^b Difference between the 2002-2004 estimate and the 2010-2012 estimate is statistically significant at the 0.10 level.

¹ Names of some of the substate regions for this State have changed across the two time periods (2002-2004 vs. 2010-2012). For details, see the methodology write-up for comparing estimates located below the tables.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002, 2003, 2004, 2010, 2011, and 2012 (2010 Data - Revised March 2012).

Methodology Used to Estimate the Bayes Posterior Probability of No Change between the 2002-2004 and 2010-2012 Model-Based Substate Estimates

This discussion focuses on the methodology used to conduct statistical tests of significance for comparing National Survey on Drug Use and Health (NSDUH) substate estimates between 2002-2004 and 2010-2012. Estimates shown in [Tables 1 to 22](#) earlier 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 State small area estimates.¹ However, because some substate regions within 20 States were defined differently for the two time periods (i.e., 2002-2004 and 2010-2012), significance test results (based on the Bayes posterior probability of no change: p value) could not be produced for these regions. In this document's tables, a "--" is used to denote substate regions that are not defined consistently across the two time periods. Note that all of the regions in Georgia, North Carolina, and South Dakota changed across the two time periods, so only estimates at the State level are included in the tables for these three States.

For details about the 2010-2012 substate region definitions, see the "2010-2012 NSDUH Substate Region Definitions" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=34>. For details about the 2002-2004 substate region definitions, see Section D of the "Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health" at <http://archive.samhsa.gov/data/substate2k6/substate.pdf>. In eight States, the names of some substate regions changed across the two time periods, but the definitions remained the same. States that have such comparable regions with different names are listed in [Exhibit A.1](#) at the end of this document. The exhibit includes information regarding only these eight States; however, all of the 2010-2012 substate regions for each of these States are listed, though aggregate regions are included only if an aggregate region is comparable with a substate region with a different name.

Comparisons of substate estimates between 2002-2004 and 2010-2012 were made only for persons aged 12 or older except for the underage alcohol use outcome in [Table 11](#) and the underage binge alcohol use outcome in [Table 12](#) (where comparisons were made for persons aged 12 to 20).

To determine whether differences between substate estimates over two time periods were statistically significant, let $\pi_{s(1)}$ and $\pi_{s(2)}$ denote the 2002-2004 and 2010-2012 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

¹ For details, see the "Comparison of 2002-2003 and 2010-2011 NSDUH State Prevalence Estimates" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=33>.

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 follows:

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

where \ln denotes the natural logarithm.

The p value given in the comparison 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

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

where the $p_{s(1)}$ are the 2002-2004 substate estimates presented in the above tables and in Section C of the "Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health" at <http://archive.samhsa.gov/data/substate2k6/substate.pdf> and the $p_{s(2)}$ are the 2010-2012 substate estimates presented in the above tables and in the "2010-2012 NSDUH Substate Region Estimates: Excel Tables" at <http://www.samhsa.gov/data/population-data-nsduh/reports?tab=34>.

To compute the posterior 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 2002-2004 Bayesian confidence intervals (CIs) and the 2010-2012 Bayesian CIs, respectively. Thus, the posterior variances can be calculated using the published Bayesian CIs, $lower_i$ and $upper_i$, as follows:

$$v[\ln(\hat{\theta}_i)] = \left(\frac{U_i - L_i}{2 \times 1.96} \right)^2 \text{ for } i = 1, 2,$$

where $U_i = \ln \frac{upper_i}{1 - upper_i}$ and $L_i = \ln \frac{lower_i}{1 - lower_i}$.

The correlation between $\ln(\hat{\theta}_1)$ and $\ln(\hat{\theta}_2)$ was obtained by simultaneously modeling the 2002-2004 and the 2010-2012 NSDUH data using a method similar to obtaining the correlation for producing State-level estimates of the variance of \hat{lor}_s . For this simultaneous model, four age groups (12 to 17, 18 to 25, 26 to 34, and 35 or older) by two time periods (2002-2004 and 2010-2012), that is, eight subpopulation-specific models, were fitted, each with its own set of fixed and random effects.²

To calculate the p value for testing the null hypothesis of no difference ($lor = 0$), it was 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 .

² For details on this methodology, see the link to the document noted in [footnote 1](#).

Exhibit A.1 Substate Region Name Changes That Are Comparable between 2002-2004 and 2010-2012 for States with at Least One Name Change

State	2010-2012 Substate Region Name	2002-2004 Substate Region Name
Arkansas	Catchment Area 1	--
	Catchment Area 2	Areas 2 and 3
	Catchment Area 3	Areas 4 and 7
	Catchment Area 4	--
	Catchment Area 5	--
	Catchment Area 6	--
	Catchment Area 7	--
	Catchment Area 8	Area 9
	--	Areas 1 and 5
	--	Area 6
	--	Areas 8 and 12
	--	Areas 10, 11, and 13
	Florida	Circuit 1
Circuit 2		--
Circuits 3 and 8		--
Circuit 4		--
Circuit 5		District 13
Circuit 6		--
Circuit 7		--
Circuit 9		--
Circuit 10		District 14
Circuit 12		--
Circuit 13 (Hillsborough)		--
Circuit 14		--
Circuit 15 (Palm Beach)		District 9 (Palm Beach)
Circuit 17 (Broward)		District 10 (Broward)
Circuit 18		--
Circuit 19		District 15
Circuit 20		District 8
Region F - Southern (Circuits 11 and 16)		District 11
--		District 2
--		District 3
--		District 4
--	District 7	
--	District 12	
--	Suncoast	

See notes at end of exhibit.

(continued)

Exhibit A.1 Substate Region Name Changes That Are Comparable between 2002-2004 and 2010-2012 for States with at Least One Name Change (continued)

State	2010-2012 Region Name	2002-2004 Region Name
Maine	Aroostook	--
	Central	--
	Cumberland	Region 1 (Cumberland)
	Downeast	--
	Midcoast	Region 5
	Penquis	--
	Western	--
	York	Region 2 (York)
	--	Region 3
	--	Region 4
	--	Region 6 (Penobscot)
	--	Region 7
Michigan	Detroit City	Detroit City
	Genesee	Genesee
	Kalamazoo ¹	--
	Kent	Kent
	Lakeshore ¹	--
	Macomb	Macomb
	Mid South ¹	--
	Northern	Northern
	Oakland	Oakland
	Pathways and Western	--
	Riverhaven	Bay
	Saginaw	Saginaw
	Southeast	Southeast
	St. Clair	St. Clair
	Washtenaw	Washtenaw
	--	Kalamazoo ¹
	--	Lakeshore ¹
	--	Mid South ¹
--	Pathways	
--	Western	
Nevada	Clark - Region 1	Clark
	Region 3 ²	Rural
	Capital District	--
	Rural Frontier	--
	Washoe - Region 2	Washoe

See notes at end of exhibit.

(continued)

Exhibit A.1 Substate Region Name Changes That Are Comparable between 2002-2004 and 2010-2012 for States with at Least One Name Change (continued)

State	2010-2012 Region Name	2002-2004 Region Name
Pennsylvania	Region 1 (Allegheny)	Region 1 (Allegheny)
	Regions 3, 8, 9, and 51	
	Regions 4, 11, 37, and 49	Regions 4, 11, 42, and 48
	Regions 5, 18, 23, 24, and 46	Regions 5, 20, 26, 28, and 40
	Regions 6, 12, 16, 31, 35, 45, and 47	
	Regions 7, 13, 20, and 23	Regions 7, 13, 22, and 37
	Regions 10, 15, 27, 32, 43, and 44	
	Regions 17 and 21	Regions 19 and 23
	Regions 19, 26, 28, and 42	Regions 21, 30, 32, and 49
	Regions 22, 38, 40, 41, and 48	Regions 17, 24, 27, 43, and 47
	Regions 29 and 34	Regions 33 and 38
	Regions 30 and 50	
	Regions 36 (Philadelphia)	Region 18 (Philadelphia)
	--	Regions 2, 3, 8, and 9
	--	Regions 6, 12, 16, 35, 39, 41, 44, and 45
--	Regions 10, 14, 15, 25, 31, 36, and 46	
--	Regions 29 and 34	
Washington	East 1 (previously Region 1)	Region 1
	East 2 (previously Region 2)	Region 2
	North 1 (previously Region 3)	Region 3
	North 2 (previously Region 4)	Region 4 (King)
	West 1 (previously Region 5)	Region 5
	West 2 (previously Region 6)	Region 6
West Virginia	Region I	Northern A and B
	Region II	--
	Region III	South Central I
	Region IV	--
	Region V	--
	Region VI	--
	--	Eastern Highland
	--	Northern C and D
	--	South Central II
	--	South Central III
	--	Southern I and III
	--	Southern II

-- The 2002-2004 or 2010-2012 substate region was not comparable across the two time periods.

NOTE: All of the 2010-2012 substate regions are listed for the eight States shown in this table; therefore, substate region names that changed as well as those that did not are provided.

¹This substate region name remained the same over the two time periods; however, its substate region was not defined the same way geographically in both time periods.

²In Nevada, an aggregate region for 2010-2012 was comparable with a substate region in 2002-2004. Thus, the aggregate region was included in this exhibit.