

National Survey on Drug Use and Health: Comparison of 2012-2014 and 2014-2016 Population Percentages (Substate Regions)

NOTE: The methodology used to conduct significance testing for substate estimates between the 2012-2014 and 2014-2016 NSDUHs and to calculate p values is provided [here](#).

Table 1 *Marijuana Use in the Past Year* among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	<i>P</i> Value
Total United States	12.65 ^a	(12.40 - 12.89)	13.55	(13.32 - 13.79)	0.000
Northeast	13.74 ^a	(13.21 - 14.29)	14.86	(14.31 - 15.43)	0.000
Midwest	12.21 ^a	(11.78 - 12.65)	12.86	(12.39 - 13.35)	0.006
South	10.90 ^a	(10.51 - 11.30)	11.66	(11.24 - 12.09)	0.001
West	14.98 ^a	(14.43 - 15.54)	16.19	(15.64 - 16.76)	0.000
Alabama	9.74	(8.50 - 11.13)	9.43	(8.34 - 10.64)	0.558
Region 1	9.12	(7.21 - 11.46)	9.55	(7.92 - 11.47)	0.575
Region 2	10.56	(8.70 - 12.76)	10.39	(8.67 - 12.40)	0.831
Region 3	9.56	(7.82 - 11.64)	8.42	(6.72 - 10.51)	0.126
Region 4	9.48	(7.58 - 11.80)	8.71	(7.02 - 10.76)	0.319
Alaska	20.39 ^a	(18.47 - 22.45)	22.83	(21.09 - 24.68)	0.019
Anchorage	20.31	(17.72 - 23.16)	21.53	(19.24 - 24.01)	0.384
Northern	23.35	(19.58 - 27.60)	25.79	(22.33 - 29.58)	0.174
South Central	18.64 ^a	(15.66 - 22.03)	21.90	(18.88 - 25.26)	0.040
Southeast	18.83 ^a	(15.03 - 23.33)	24.02	(19.83 - 28.78)	0.007
Arizona¹	12.76	(11.26 - 14.43)	12.53	(11.23 - 13.95)	0.749
Central	12.37	(10.63 - 14.35)	13.05	(11.51 - 14.76)	0.460
North	--	(-- --)	10.99	(8.58 - 13.97)	--
South	--	(-- --)	12.08	(10.10 - 14.39)	--
South A	15.09 ^a	(12.07 - 18.70)	12.76	(10.31 - 15.68)	0.047
South B	--	(-- --)	11.26	(8.79 - 14.31)	--
Arkansas	10.41 ^b	(9.12 - 11.86)	11.52	(10.29 - 12.88)	0.061
Catchment Area 1	11.25	(9.05 - 13.91)	11.82	(9.64 - 14.42)	0.557
Catchment Area 2	8.62	(6.65 - 11.12)	8.74	(6.75 - 11.25)	0.885
Catchment Area 3	9.58	(7.40 - 12.32)	10.83	(8.74 - 13.35)	0.176
Catchment Area 4	9.38	(7.08 - 12.34)	9.44	(7.37 - 12.02)	0.945
Catchment Area 5	12.17	(9.76 - 15.09)	10.94	(8.74 - 13.61)	0.191
Catchment Area 6	11.24 ^b	(8.71 - 14.40)	13.08	(10.21 - 16.61)	0.088
Catchment Area 7	9.14	(6.84 - 12.11)	10.14	(7.67 - 13.31)	0.256
Catchment Area 8	10.71 ^a	(8.50 - 13.41)	14.79	(12.20 - 17.82)	0.000

See notes at end of table.

(continued)

Table 1 Marijuana Use in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
California	14.32 ^a	(13.51 - 15.18)	15.87	(15.10 - 16.68)	0.001
Region 1R	19.40	(15.73 - 23.70)	21.55	(18.02 - 25.55)	0.193
Region 2R	16.51	(13.53 - 19.99)	17.04	(14.30 - 20.18)	0.673
Region 3R (Sacramento)	15.70	(12.99 - 18.86)	17.39	(14.79 - 20.33)	0.165
Region 4R	17.60	(14.86 - 20.72)	17.93	(14.97 - 21.33)	0.803
Region 5R (San Francisco)	22.56	(17.94 - 27.96)	24.71	(20.51 - 29.45)	0.299
Region 6 (Santa Clara)	12.31	(10.08 - 14.96)	13.67	(11.63 - 15.99)	0.175
Region 7R (Contra Costa)	14.90	(12.12 - 18.19)	16.84	(14.04 - 20.08)	0.141
Region 8R (Alameda)	14.77 ^a	(12.19 - 17.79)	17.75	(15.09 - 20.76)	0.014
Region 9R (San Mateo)	13.61 ^b	(10.69 - 17.17)	16.05	(13.06 - 19.56)	0.063
Region 10	15.69	(12.89 - 18.97)	16.99	(14.05 - 20.41)	0.266
Region 11 (Los Angeles)	13.55 ^a	(12.40 - 14.78)	15.30	(14.13 - 16.55)	0.003
LA SPA 1 and 5	16.30	(13.17 - 20.00)	18.46	(15.25 - 22.17)	0.105
LA SPA 2	13.79	(11.56 - 16.38)	15.22	(12.91 - 17.86)	0.188
LA SPA 3	9.72	(7.83 - 12.01)	10.82	(8.82 - 13.21)	0.201
LA SPA 4	16.99 ^b	(13.92 - 20.57)	19.69	(16.18 - 23.74)	0.059
LA SPA 6	15.57	(12.65 - 19.01)	15.64	(12.90 - 18.84)	0.952
LA SPA 7	11.33	(9.23 - 13.84)	12.59	(10.30 - 15.31)	0.198
LA SPA 8	13.66 ^a	(11.36 - 16.34)	17.09	(14.53 - 20.00)	0.002
Region 12R	13.46	(10.60 - 16.94)	14.62	(11.74 - 18.06)	0.273
Regions 13 and 19R	11.93	(10.04 - 14.13)	13.30	(11.46 - 15.40)	0.124
Region 14 (Orange)	12.76	(10.83 - 14.97)	13.69	(11.70 - 15.95)	0.336
Region 15R (Fresno)	13.20	(10.69 - 16.20)	13.83	(11.32 - 16.78)	0.547
Region 16R (San Diego)	15.81 ^b	(13.65 - 18.24)	17.72	(15.61 - 20.04)	0.064
Region 17R	11.34 ^a	(9.31 - 13.76)	13.34	(11.36 - 15.59)	0.032
Region 18R (San Bernardino)	12.45	(10.42 - 14.82)	13.78	(11.68 - 16.19)	0.186
Region 20R	13.76	(11.23 - 16.74)	13.52	(10.97 - 16.55)	0.809
Region 21R	18.31	(14.78 - 22.47)	20.55	(17.05 - 24.56)	0.140
Colorado	20.05 ^a	(18.20 - 22.04)	22.74	(20.93 - 24.65)	0.006
Region 1	--	(-- --)	23.50	(19.96 - 27.45)	--
Region 2	--	(-- --)	19.52	(15.63 - 24.10)	--
Region 3	--	(-- --)	19.50	(16.78 - 22.55)	--
Region 4	--	(-- --)	19.23	(15.32 - 23.86)	--
Region 5	--	(-- --)	29.78	(25.20 - 34.81)	--
Region 6	--	(-- --)	26.34	(22.65 - 30.39)	--
Region 7	--	(-- --)	20.52	(17.09 - 24.43)	--
Connecticut	14.38	(12.85 - 16.06)	14.95	(13.47 - 16.56)	0.431
Eastern	17.00	(14.02 - 20.46)	18.04	(14.91 - 21.66)	0.423
North Central	15.27	(12.77 - 18.15)	15.43	(13.13 - 18.05)	0.890
Northwestern	11.71 ^a	(9.38 - 14.53)	14.02	(11.49 - 17.00)	0.030
South Central	14.22	(11.83 - 17.01)	14.35	(12.03 - 17.03)	0.905
Southwest	13.98	(11.29 - 17.19)	13.85	(11.34 - 16.80)	0.902

See notes at end of table.

(continued)

Table 1 *Marijuana Use in the Past Year* among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	<i>P</i> Value
Delaware	14.05	(12.59 - 15.66)	13.73	(12.38 - 15.21)	0.642
Kent	13.55	(11.16 - 16.36)	13.61	(11.36 - 16.21)	0.956
New Castle (excluding Wilmington City)	14.73	(12.90 - 16.76)	13.48	(11.81 - 15.33)	0.165
Sussex	11.68	(9.42 - 14.40)	11.81	(9.56 - 14.50)	0.902
Wilmington City	17.51 ^a	(13.61 - 22.25)	21.09	(17.00 - 25.87)	0.029
District of Columbia	21.14 ^a	(19.19 - 23.24)	24.28	(22.42 - 26.25)	0.002
Ward 1	24.55 ^a	(20.43 - 29.20)	32.56	(27.79 - 37.72)	0.000
Ward 2	25.77 ^a	(21.30 - 30.83)	31.02	(26.55 - 35.89)	0.006
Ward 3	19.17	(15.73 - 23.14)	19.06	(15.83 - 22.78)	0.944
Ward 4	18.76	(15.01 - 23.18)	18.49	(15.12 - 22.41)	0.871
Ward 5	22.16	(18.56 - 26.23)	24.79	(20.86 - 29.20)	0.139
Ward 6	20.44	(16.72 - 24.74)	21.62	(18.27 - 25.40)	0.483
Ward 7	18.00 ^a	(14.39 - 22.29)	22.47	(18.65 - 26.81)	0.006
Ward 8	19.73 ^a	(16.35 - 23.63)	23.83	(20.04 - 28.09)	0.013
Florida	11.56 ^a	(10.79 - 12.39)	12.73	(11.90 - 13.60)	0.008
Broward (Circuit 17)	10.68 ^a	(8.88 - 12.80)	13.47	(11.38 - 15.86)	0.005
Central I	12.80 ^b	(11.23 - 14.55)	14.05	(12.47 - 15.80)	0.100
Circuit 9	12.73	(10.87 - 14.86)	14.04	(12.09 - 16.24)	0.156
Circuit 18	12.90	(10.61 - 15.61)	14.07	(11.74 - 16.77)	0.264
Central II	11.60	(10.51 - 12.79)	12.04	(10.91 - 13.27)	0.424
Circuit 6	11.96	(9.98 - 14.28)	13.09	(11.04 - 15.44)	0.224
Circuit 10	9.99	(8.06 - 12.33)	10.87	(8.85 - 13.29)	0.324
Circuit 12	11.12	(8.89 - 13.84)	10.60	(8.44 - 13.22)	0.600
Circuit 13 (Hillsborough)	13.34	(11.32 - 15.64)	14.17	(12.09 - 16.53)	0.402
Circuit 20	10.66	(8.64 - 13.07)	10.22	(8.14 - 12.75)	0.619
Northeast	12.78 ^b	(11.46 - 14.24)	14.00	(12.54 - 15.59)	0.065
Circuit 4	12.66 ^b	(10.40 - 15.33)	14.66	(12.21 - 17.50)	0.055
Circuit 5	10.66 ^b	(8.63 - 13.11)	12.39	(10.13 - 15.08)	0.094
Circuit 7	12.84	(10.57 - 15.50)	13.66	(11.19 - 16.57)	0.456
Circuit 8 plus Columbia, Dixie, Hamilton, Lafayette, and Suwannee	17.26	(14.44 - 20.49)	16.45	(13.26 - 20.21)	0.493
Northwest	14.72	(12.89 - 16.76)	16.04	(14.18 - 18.09)	0.113
Circuit 1	13.52	(10.90 - 16.65)	13.91	(11.47 - 16.78)	0.740
Circuit 2 plus Madison and Taylor	17.88 ^b	(14.97 - 21.22)	20.09	(17.07 - 23.51)	0.091
Circuit 14	12.86 ^b	(9.94 - 16.50)	15.08	(11.90 - 18.92)	0.053
South (Circuits 11 and 16)	7.96 ^b	(6.80 - 9.31)	9.15	(7.80 - 10.71)	0.073
Southeast	11.05 ^b	(9.41 - 12.94)	12.41	(10.69 - 14.36)	0.081
Circuit 15 (Palm Beach)	10.55 ^a	(8.64 - 12.83)	12.48	(10.40 - 14.91)	0.040
Circuit 19	12.14	(9.62 - 15.23)	12.24	(9.87 - 15.08)	0.929

See notes at end of table.

(continued)

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State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Georgia	11.56	(10.26 - 13.01)	12.28	(11.20 - 13.44)	0.249
Region 1	10.33	(8.42 - 12.60)	10.92	(9.29 - 12.79)	0.501
Region 2	10.42	(8.30 - 13.01)	11.40	(9.41 - 13.74)	0.309
Region 3	12.38 ^a	(10.41 - 14.67)	15.28	(13.43 - 17.34)	0.007
Region 4	11.67	(9.04 - 14.95)	11.51	(9.11 - 14.45)	0.872
Region 5	12.39	(9.71 - 15.67)	10.96	(8.81 - 13.56)	0.154
Region 6	12.44 ^a	(10.06 - 15.29)	10.57	(8.59 - 12.95)	0.043
Hawaii	13.10	(11.53 - 14.86)	12.74	(11.37 - 14.24)	0.637
Hawaii Island	15.23	(11.83 - 19.40)	16.16	(12.97 - 19.96)	0.540
Honolulu	12.18	(10.51 - 14.07)	11.18	(9.73 - 12.82)	0.241
Kauai	14.68 ^a	(10.95 - 19.42)	18.29	(14.40 - 22.96)	0.033
Maui	15.65	(12.29 - 19.72)	15.99	(12.78 - 19.84)	0.820
Idaho	10.90 ^b	(9.64 - 12.30)	11.92	(10.71 - 13.24)	0.093
Region 1	10.92 ^b	(8.66 - 13.70)	12.80	(10.23 - 15.90)	0.078
Region 2	14.58	(11.31 - 18.60)	13.80	(10.81 - 17.45)	0.490
Region 3	10.61	(8.40 - 13.32)	9.30	(7.44 - 11.58)	0.156
Region 4	11.72 ^a	(9.76 - 14.01)	15.48	(13.35 - 17.87)	0.001
Region 5	9.57	(7.46 - 12.20)	9.97	(7.85 - 12.58)	0.625
Region 6	11.47	(8.89 - 14.67)	11.10	(8.37 - 14.59)	0.709
Region 7	8.69	(6.79 - 11.06)	8.12	(6.37 - 10.32)	0.440
Illinois	11.86	(11.07 - 12.69)	12.29	(11.41 - 13.22)	0.324
Region 1 (Cook)	13.30	(12.00 - 14.71)	13.50	(12.23 - 14.89)	0.752
Region 1.1 (Far North Side)	--	(-- --)	13.84	(10.88 - 17.44)	--
Region 1.2 (Northwest Side)	--	(-- --)	11.89	(9.09 - 15.40)	--
Region 1.3 (North Central Side)	--	(-- --)	19.35	(15.26 - 24.22)	--
Region 1.4 (West Side)	--	(-- --)	17.21	(13.89 - 21.12)	--
Region 1.5 (South Side)	--	(-- --)	17.30	(14.02 - 21.17)	--
Region 1.6 (Southwest Side)	--	(-- --)	11.48	(9.12 - 14.36)	--
Region 1.7 (Suburban Cook)	--	(-- --)	11.09	(9.57 - 12.82)	--
Region 2	10.50	(9.42 - 11.68)	10.98	(9.87 - 12.20)	0.360
Region 2a (DuPage)	--	(-- --)	11.78	(9.74 - 14.16)	--
Region 2b	--	(-- --)	10.64	(9.18 - 12.29)	--
Region 2c (Winnebago)	--	(-- --)	11.92	(9.23 - 15.26)	--
Region 2d	--	(-- --)	10.58	(8.47 - 13.15)	--
Region 3	11.96 ^b	(10.33 - 13.80)	13.44	(11.64 - 15.47)	0.064
Region 3a (Champaign)	--	(-- --)	19.39	(15.76 - 23.61)	--
Region 3b	--	(-- --)	12.45	(10.52 - 14.68)	--
Region 4	10.43	(8.67 - 12.50)	10.54	(8.85 - 12.50)	0.880
Region 4a (Sangamon)	--	(-- --)	13.35	(10.31 - 17.13)	--
Region 4b	--	(-- --)	9.73	(7.87 - 11.97)	--
Region 5	11.12	(9.34 - 13.18)	11.34	(9.62 - 13.33)	0.770
Region 5a	--	(-- --)	11.10	(8.81 - 13.89)	--
Region 5b	--	(-- --)	11.53	(9.34 - 14.16)	--

See notes at end of table.

(continued)

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State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Indiana	12.40 ^a	(11.01 - 13.93)	13.78	(12.43 - 15.24)	0.035
Central	13.50	(11.19 - 16.21)	14.30	(12.23 - 16.67)	0.453
East	12.83 ^a	(10.20 - 16.01)	15.94	(12.73 - 19.77)	0.012
North Central	10.44	(8.46 - 12.82)	11.54	(9.26 - 14.30)	0.225
Northeast	11.69	(9.20 - 14.74)	12.32	(9.85 - 15.31)	0.530
Northwest	11.28 ^a	(8.96 - 14.10)	13.31	(10.64 - 16.51)	0.045
Southeast	11.05	(8.60 - 14.08)	12.36	(9.72 - 15.60)	0.204
Southwest	10.98	(8.45 - 14.16)	12.07	(9.38 - 15.41)	0.260
West	15.97	(13.00 - 19.47)	17.96	(14.66 - 21.83)	0.102
Iowa	9.73	(8.49 - 11.14)	9.23	(8.15 - 10.44)	0.357
Central	9.88	(7.85 - 12.36)	9.38	(7.47 - 11.71)	0.556
North Central	12.57 ^a	(10.14 - 15.50)	10.05	(7.96 - 12.61)	0.006
Northeast	9.64	(7.78 - 11.88)	9.33	(7.70 - 11.28)	0.718
Northwest	8.34	(6.38 - 10.83)	8.16	(6.39 - 10.35)	0.823
Southeast	9.97	(8.02 - 12.34)	9.73	(7.94 - 11.87)	0.772
Southwest	8.14	(6.31 - 10.44)	8.40	(6.45 - 10.87)	0.716
Kansas	9.57 ^a	(8.38 - 10.91)	11.59	(10.37 - 12.93)	0.001
Northeast	--	(-- --)	12.33	(10.76 - 14.09)	--
Northwest and North Central	--	(-- --)	10.22	(7.77 - 13.34)	--
South Central	--	(-- --)	11.19	(9.34 - 13.35)	--
Southeast	--	(-- --)	11.26	(8.58 - 14.64)	--
Southwest	--	(-- --)	9.46	(7.09 - 12.50)	--
Kentucky¹	10.16 ^a	(8.95 - 11.51)	12.66	(11.33 - 14.12)	0.000
Adanta, Cumberland River, and Lifeskills	8.02 ^a	(6.27 - 10.21)	11.04	(8.86 - 13.67)	0.000
Bluegrass, Comprehend, and North Key	10.84 ^a	(8.99 - 13.02)	13.82	(11.67 - 16.28)	0.002
Centerstone	12.19 ^b	(9.99 - 14.79)	14.23	(11.87 - 16.96)	0.058
Communicare and River Valley	10.09	(7.85 - 12.88)	11.46	(8.87 - 14.67)	0.161
Four Rivers and Pennyroyal	8.74 ^a	(6.70 - 11.32)	10.47	(8.02 - 13.55)	0.037
Kentucky River, Mountain, and Pathways	8.84 ^a	(6.84 - 11.36)	11.95	(9.28 - 15.26)	0.002
Louisiana	11.23	(9.91 - 12.70)	11.26	(10.04 - 12.59)	0.955
Regions 1 and 10	13.85	(11.31 - 16.84)	14.38	(11.99 - 17.15)	0.605
Region 1	16.09	(12.37 - 20.66)	17.19	(13.79 - 21.22)	0.460
Region 10 (Jefferson)	11.52	(8.90 - 14.78)	11.30	(8.73 - 14.51)	0.832
Regions 2 and 9	11.00	(9.14 - 13.18)	12.33	(10.46 - 14.47)	0.113
Region 3	10.02	(7.65 - 13.02)	8.93	(6.92 - 11.46)	0.194
Regions 4, 5, and 6	10.60 ^a	(8.52 - 13.10)	8.90	(7.12 - 11.08)	0.042
Regions 7 and 8	10.31	(8.39 - 12.63)	10.80	(8.89 - 13.06)	0.548

See notes at end of table.

(continued)

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State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	<i>P</i> Value
Maine	18.31 ^a	(16.44 - 20.35)	20.37	(18.58 - 22.30)	0.042
Aroostook/Downeast	15.96 ^a	(12.94 - 19.52)	19.17	(16.05 - 22.74)	0.022
Aroostook	13.68 ^a	(10.42 - 17.76)	17.62	(14.08 - 21.83)	0.015
Downeast	17.81	(13.54 - 23.05)	20.43	(16.03 - 25.67)	0.175
Central	17.09 ^a	(13.84 - 20.91)	20.26	(16.67 - 24.40)	0.049
Cumberland	21.09	(17.48 - 25.23)	21.59	(18.50 - 25.03)	0.780
Midcoast	17.48	(13.78 - 21.92)	19.85	(16.28 - 23.98)	0.176
Penquis	20.44	(16.86 - 24.55)	20.43	(16.92 - 24.46)	0.997
Western	18.17 ^b	(14.87 - 22.01)	21.00	(17.65 - 24.80)	0.093
York	16.22 ^a	(12.98 - 20.08)	19.42	(16.02 - 23.35)	0.043
Maryland	12.52 ^a	(11.04 - 14.16)	15.17	(13.72 - 16.75)	0.000
Anne Arundel	12.44 ^a	(9.73 - 15.77)	15.30	(12.25 - 18.93)	0.009
Baltimore City	16.83 ^a	(13.61 - 20.63)	21.00	(17.52 - 24.96)	0.005
Baltimore County	12.00 ^a	(9.48 - 15.09)	14.46	(11.66 - 17.81)	0.021
Montgomery	10.47 ^a	(8.22 - 13.26)	12.57	(10.29 - 15.27)	0.034
North Central	10.70	(8.21 - 13.83)	12.16	(9.61 - 15.28)	0.129
Northeast	14.13	(11.08 - 17.86)	15.66	(12.47 - 19.49)	0.179
Prince George's	13.82 ^a	(11.18 - 16.96)	18.27	(15.23 - 21.76)	0.000
South	10.78 ^a	(8.37 - 13.78)	12.75	(10.10 - 15.98)	0.042
West	12.01 ^a	(9.39 - 15.24)	14.09	(11.30 - 17.44)	0.047
Massachusetts	16.42 ^a	(14.77 - 18.20)	18.57	(16.95 - 20.30)	0.007
Boston	20.58	(17.03 - 24.65)	23.03	(19.25 - 27.29)	0.118
Central	15.32	(12.40 - 18.77)	17.13	(14.11 - 20.64)	0.157
Metrowest	15.10 ^a	(12.45 - 18.20)	18.70	(16.01 - 21.73)	0.005
Northeast	15.04	(12.43 - 18.10)	16.67	(14.15 - 19.54)	0.202
Southeast	17.73	(14.79 - 21.11)	17.24	(14.30 - 20.63)	0.703
Western	15.99 ^a	(13.16 - 19.29)	20.35	(16.99 - 24.19)	0.001
Michigan	15.07	(14.19 - 16.01)	15.46	(14.48 - 16.50)	0.465
Region 1	15.72	(12.88 - 19.05)	14.93	(11.97 - 18.47)	0.544
Region 2	12.27	(9.77 - 15.30)	11.76	(9.20 - 14.91)	0.640
Region 3	15.16	(13.17 - 17.40)	15.86	(13.77 - 18.20)	0.506
Region 4	15.81	(13.51 - 18.41)	14.97	(12.74 - 17.51)	0.453
Region 5	15.44	(13.73 - 17.33)	15.13	(13.31 - 17.14)	0.733
Region 6	14.34 ^a	(12.25 - 16.70)	16.49	(13.92 - 19.43)	0.049
Region 7	16.36	(14.40 - 18.53)	16.91	(14.80 - 19.26)	0.616
Region 8	13.10	(11.22 - 15.25)	14.37	(12.30 - 16.72)	0.228
Region 9	15.36	(13.08 - 17.95)	16.22	(13.73 - 19.07)	0.457
Region 10	15.69	(13.31 - 18.41)	15.39	(12.85 - 18.32)	0.804

See notes at end of table.

(continued)

Table 1 Marijuana Use in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Minnesota	12.31	(10.86 - 13.91)	12.73	(11.42 - 14.16)	0.517
Regions 1 and 2	11.07	(8.49 - 14.32)	12.45	(10.02 - 15.36)	0.157
Region 1	--	(-- --)	10.99	(8.24 - 14.52)	--
Region 2	--	(-- --)	13.33	(10.17 - 17.29)	--
Regions 3 and 4	11.76	(9.39 - 14.63)	11.57	(9.62 - 13.84)	0.834
Region 3	--	(-- --)	11.81	(8.84 - 15.61)	--
Region 4	--	(-- --)	11.44	(9.20 - 14.13)	--
Regions 5 and 6	11.05	(8.96 - 13.55)	11.18	(9.32 - 13.35)	0.877
Region 5	--	(-- --)	10.65	(8.41 - 13.40)	--
Region 6	--	(-- --)	11.71	(9.16 - 14.86)	--
Region 7	--	(-- --)	13.67	(12.08 - 15.43)	--
Region 7A (Hennepin)	14.17	(11.62 - 17.16)	15.92	(13.45 - 18.73)	0.159
Region 7B (Ramsey)	15.31	(11.96 - 19.39)	13.34	(10.60 - 16.65)	0.124
Region 7C	11.17	(9.24 - 13.45)	11.57	(9.56 - 13.93)	0.665
Mississippi	8.93	(7.79 - 10.23)	9.21	(8.11 - 10.44)	0.598
Region 1	8.84	(7.12 - 10.93)	10.10	(8.31 - 12.23)	0.129
Region 2	9.02	(6.97 - 11.59)	10.03	(7.83 - 12.76)	0.256
Region 3	8.39	(6.63 - 10.56)	7.88	(6.14 - 10.05)	0.451
Region 4	10.26	(8.16 - 12.83)	9.41	(7.51 - 11.73)	0.327
Region 5	7.25 ^a	(5.33 - 9.79)	9.79	(7.22 - 13.14)	0.001
Region 6	8.54	(6.62 - 10.95)	8.92	(6.93 - 11.41)	0.645
Region 7	8.85	(6.85 - 11.36)	8.23	(6.37 - 10.59)	0.419
Missouri	12.10 ^b	(10.72 - 13.63)	13.27	(11.90 - 14.77)	0.065
Central	11.85	(9.68 - 14.43)	11.93	(9.66 - 14.65)	0.927
Eastern	12.57 ^a	(10.72 - 14.68)	14.46	(12.52 - 16.65)	0.033
Eastern (St. Louis City and County)	13.70 ^b	(11.33 - 16.47)	15.75	(13.19 - 18.69)	0.075
Eastern (excluding St. Louis)	10.63	(8.41 - 13.35)	12.27	(9.94 - 15.06)	0.101
Northwest	13.66	(11.39 - 16.30)	14.75	(12.62 - 17.17)	0.247
Northwest (Jackson)	15.44	(12.26 - 19.28)	17.25	(14.17 - 20.84)	0.186
Northwest (excluding Jackson)	12.16	(9.58 - 15.33)	12.64	(10.19 - 15.59)	0.643
Southeast	9.54	(7.37 - 12.27)	10.86	(8.55 - 13.71)	0.150
Southwest	10.80	(8.52 - 13.60)	11.30	(9.02 - 14.07)	0.593
Montana	14.79 ^a	(13.15 - 16.59)	16.98	(15.43 - 18.65)	0.008
Region 1	11.88	(8.89 - 15.70)	12.66	(9.83 - 16.17)	0.514
Region 2	14.16	(11.27 - 17.64)	13.79	(11.19 - 16.87)	0.773
Region 3	14.73	(12.09 - 17.84)	13.62	(11.33 - 16.29)	0.376
Region 4	14.03 ^a	(11.49 - 17.03)	18.91	(16.31 - 21.82)	0.000
Region 5	16.51 ^a	(13.94 - 19.45)	20.16	(17.55 - 23.05)	0.007

See notes at end of table.

(continued)

Table 1 *Marijuana Use in the Past Year* among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	<i>P</i> Value
Nebraska	10.37	(9.13 - 11.76)	11.11	(9.88 - 12.48)	0.221
Regions 1 and 2	10.31	(8.11 - 13.01)	9.37	(7.38 - 11.83)	0.207
Region 1	10.41	(7.76 - 13.82)	9.76	(7.27 - 12.97)	0.467
Region 2	10.22	(7.54 - 13.70)	9.03	(6.62 - 12.21)	0.180
Region 3	8.25	(6.53 - 10.38)	9.04	(7.17 - 11.34)	0.295
Region 4	8.03	(6.10 - 10.52)	8.21	(6.33 - 10.59)	0.805
Region 5	9.86 ^a	(8.07 - 11.98)	11.62	(9.62 - 13.97)	0.033
Region 6	11.94	(10.16 - 13.99)	12.61	(10.80 - 14.67)	0.467
Nevada	13.60	(11.99 - 15.39)	13.05	(11.62 - 14.62)	0.492
Clark – Region 1	13.37	(11.53 - 15.45)	12.60	(11.02 - 14.37)	0.401
Region 3	12.38	(9.85 - 15.45)	11.91	(9.43 - 14.94)	0.607
Capital District	13.23	(9.86 - 17.52)	12.93	(9.51 - 17.36)	0.807
Rural/Frontier	11.61	(8.78 - 15.21)	10.99	(8.28 - 14.44)	0.529
Washoe – Region 2	15.62	(12.81 - 18.92)	16.02	(13.22 - 19.27)	0.772
New Hampshire	16.31 ^a	(14.69 - 18.07)	17.98	(16.35 - 19.72)	0.047
Central	17.25	(14.99 - 19.77)	17.31	(15.08 - 19.78)	0.957
Central 1	19.92	(16.82 - 23.42)	19.36	(16.30 - 22.83)	0.687
Central 2	14.65	(11.91 - 17.88)	15.30	(12.56 - 18.51)	0.620
Northern	17.68 ^b	(14.30 - 21.67)	20.63	(17.13 - 24.62)	0.057
Southern	15.55 ^a	(13.67 - 17.62)	17.72	(15.78 - 19.83)	0.024
Southern 1 (Rockingham)	14.64	(12.15 - 17.53)	16.05	(13.43 - 19.08)	0.248
Southern 2	16.11 ^a	(13.85 - 18.67)	18.76	(16.33 - 21.45)	0.023
New Jersey	11.00 ^b	(9.65 - 12.51)	12.16	(11.06 - 13.35)	0.070
Central	10.47	(8.53 - 12.78)	11.63	(9.80 - 13.74)	0.183
Metropolitan	9.69 ^a	(7.85 - 11.89)	11.60	(9.75 - 13.74)	0.034
Northern	11.11	(9.03 - 13.60)	11.86	(10.30 - 13.62)	0.450
Southern	12.93	(10.60 - 15.67)	13.87	(11.89 - 16.12)	0.358
New Mexico	15.18	(13.43 - 17.12)	16.02	(14.41 - 17.78)	0.326
Region 1	14.68	(11.83 - 18.07)	14.45	(11.84 - 17.51)	0.857
Region 2	14.08 ^a	(11.01 - 17.83)	19.51	(15.80 - 23.84)	0.001
Region 3 (Bernalillo)	18.02	(15.21 - 21.22)	17.78	(15.30 - 20.56)	0.858
Region 4	12.98	(10.37 - 16.13)	12.70	(10.12 - 15.83)	0.797
Region 5	13.24	(10.66 - 16.32)	14.35	(12.08 - 16.95)	0.298
Region 5a	--	(-- --)	15.53	(12.42 - 19.25)	--
Region 5b (Dona Ana)	--	(-- --)	13.27	(10.50 - 16.64)	--

See notes at end of table.

(continued)

Table 1 Marijuana Use in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
New York¹	14.35	(13.43 - 15.32)	14.99	(14.12 - 15.90)	0.193
Region 1: Long Island	14.64	(12.80 - 16.69)	13.55	(11.84 - 15.45)	0.230
Region 2: New York City	14.53	(13.27 - 15.89)	15.45	(14.20 - 16.79)	0.169
Region 2A: Bronx	11.77	(9.78 - 14.11)	11.53	(9.56 - 13.85)	0.795
Region 2B: Kings	--	(-- - --)	17.17	(14.98 - 19.60)	--
Region 2C: New York	20.37	(17.44 - 23.64)	22.69	(19.81 - 25.86)	0.116
Region 2D: Queens	11.07	(9.23 - 13.22)	11.18	(9.39 - 13.27)	0.906
Region 2E: Richmond	--	(-- - --)	12.20	(9.73 - 15.18)	--
Region 3: Mid-Hudson	--	(-- - --)	12.86	(11.07 - 14.88)	--
Region 4: Capital Region	--	(-- - --)	18.14	(15.42 - 21.22)	--
Region 5: Mohawk Valley	--	(-- - --)	13.92	(10.99 - 17.48)	--
Region 6: North Country	--	(-- - --)	15.54	(12.42 - 19.27)	--
Region 7: Tug Hill Seaway	--	(-- - --)	12.34	(9.64 - 15.66)	--
Region 8: Central	--	(-- - --)	15.25	(12.94 - 17.88)	--
Region 9: Southern Tier	--	(-- - --)	16.96	(13.93 - 20.50)	--
Region 10: Finger Lakes	--	(-- - --)	15.43	(13.24 - 17.90)	--
Region 11: Western	--	(-- - --)	15.73	(13.82 - 17.84)	--
North Carolina	11.08	(9.80 - 12.50)	12.01	(10.94 - 13.17)	0.103
Alliance Behavioral Healthcare 1	11.10	(8.73 - 14.01)	12.29	(9.94 - 15.10)	0.256
Alliance Behavioral Healthcare 2	10.49	(8.15 - 13.40)	12.16	(9.83 - 14.96)	0.106
Cardinal Innovations Healthcare Solutions 1	10.85	(8.33 - 14.01)	11.13	(8.89 - 13.85)	0.772
Cardinal Innovations Healthcare Solutions 2	11.44	(9.00 - 14.44)	10.89	(8.69 - 13.56)	0.558
Cardinal Innovations Healthcare Solutions 3	12.28	(9.58 - 15.60)	14.02	(11.58 - 16.87)	0.130
CenterPoint Human Services	10.25	(7.86 - 13.26)	11.36	(8.96 - 14.30)	0.248
Eastpointe	8.41 ^b	(6.44 - 10.91)	9.89	(7.84 - 12.41)	0.085
Partners Behavioral Health Management	10.97	(8.57 - 13.94)	11.86	(9.47 - 14.75)	0.385
Sandhills Center 1	10.24 ^b	(7.68 - 13.53)	11.99	(9.34 - 15.26)	0.080
Sandhills Center 2	13.33	(10.50 - 16.79)	14.04	(11.15 - 17.54)	0.533
Smoky Mountain Center 1	11.02	(8.31 - 14.47)	11.58	(9.27 - 14.37)	0.573
Smoky Mountain Center 2	10.82	(8.11 - 14.29)	10.30	(7.96 - 13.23)	0.617
Trillium Health Resources 1	11.23	(8.79 - 14.25)	12.17	(9.89 - 14.89)	0.351
Trillium Health Resources 2	13.39	(10.49 - 16.94)	14.17	(11.26 - 17.68)	0.448

See notes at end of table.

(continued)

Table 1 *Marijuana Use in the Past Year* among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	<i>P</i> Value
North Dakota	10.00	(8.90 - 11.22)	9.65	(8.59 - 10.83)	0.502
Badlands and West Central	9.00	(7.33 - 11.00)	9.16	(7.62 - 10.97)	0.817
Badlands	--	(-- --)	7.88	(5.76 - 10.71)	--
West Central	--	(-- --)	9.53	(7.79 - 11.61)	--
Lake Region	7.24	(5.45 - 9.56)	7.65	(5.64 - 10.31)	0.572
North Central	9.71	(7.69 - 12.19)	9.90	(7.78 - 12.52)	0.815
Northeast	13.40	(11.09 - 16.10)	12.34	(10.16 - 14.91)	0.266
Northwest	9.78	(7.34 - 12.91)	9.18	(6.71 - 12.44)	0.500
South Central	8.23 ^b	(6.23 - 10.80)	6.96	(5.13 - 9.38)	0.068
Southeast	10.67	(8.98 - 12.64)	10.04	(8.45 - 11.88)	0.391
Ohio	12.27	(11.46 - 13.14)	12.75	(11.87 - 13.70)	0.315
Boards 2, 46, 55, and 68	10.44	(8.27 - 13.10)	10.31	(8.03 - 13.14)	0.881
Boards 3, 52, and 85	10.77	(8.56 - 13.47)	9.82	(7.48 - 12.78)	0.306
Boards 4 and 78	10.83	(8.41 - 13.85)	10.44	(8.15 - 13.28)	0.699
Boards 5 and 60	13.06	(10.52 - 16.09)	13.74	(10.98 - 17.07)	0.548
Boards 7, 15, 41, 79, and 84	9.90	(7.88 - 12.36)	10.39	(8.02 - 13.35)	0.618
Boards 8, 13, and 83	9.53	(7.57 - 11.93)	9.19	(7.06 - 11.88)	0.696
Board 9 (Butler)	12.21	(9.73 - 15.21)	13.55	(10.82 - 16.85)	0.217
Board 12	12.94	(10.36 - 16.04)	11.69	(9.18 - 14.78)	0.212
Boards 18 and 47	12.82	(11.09 - 14.78)	14.33	(12.34 - 16.57)	0.143
Boards 20, 32, 54, and 69	8.56	(6.70 - 10.88)	9.18	(7.19 - 11.65)	0.464
Boards 21, 39, 51, 70, and 80	9.01	(7.26 - 11.13)	10.02	(7.91 - 12.62)	0.255
Boards 22, 74, and 87	10.68	(8.58 - 13.23)	11.82	(9.49 - 14.63)	0.230
Boards 23 and 45	10.98	(8.80 - 13.62)	10.75	(8.52 - 13.47)	0.814
Board 25 (Franklin)	17.78	(15.36 - 20.48)	16.33	(14.04 - 18.91)	0.265
Boards 27, 71, and 73	11.58	(9.31 - 14.32)	12.27	(9.71 - 15.40)	0.519
Boards 28, 43, and 67	11.37	(9.25 - 13.89)	10.51	(8.34 - 13.17)	0.397
Board 31 (Hamilton)	14.54 ^a	(12.21 - 17.23)	17.02	(14.43 - 19.98)	0.041
Board 48 (Lucas)	13.16	(10.51 - 16.35)	14.90	(11.92 - 18.47)	0.166
Boards 50 and 76	10.11 ^a	(8.20 - 12.41)	12.69	(10.39 - 15.41)	0.012
Board 57 (Montgomery)	11.45 ^b	(9.23 - 14.12)	13.62	(10.93 - 16.86)	0.063
Board 77 (Summit)	14.48 ^a	(11.72 - 17.77)	11.75	(9.35 - 14.67)	0.024
Oklahoma	10.68	(9.33 - 12.21)	11.02	(9.78 - 12.40)	0.615
Central	11.72	(9.42 - 14.50)	10.90	(8.66 - 13.63)	0.410
East Central	8.59	(6.54 - 11.21)	8.11	(6.22 - 10.52)	0.567
Northeast	9.41	(7.32 - 12.02)	10.45	(8.14 - 13.33)	0.256
Northwest and Southwest	10.51	(8.23 - 13.33)	12.02	(9.59 - 14.97)	0.111
Oklahoma County	12.43	(10.08 - 15.24)	12.59	(10.26 - 15.36)	0.883
Southeast	8.08	(6.24 - 10.42)	8.97	(7.00 - 11.42)	0.299
Tulsa County	12.66	(10.02 - 15.88)	12.58	(10.23 - 15.38)	0.947

See notes at end of table.

(continued)

Table 1 Marijuana Use in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Oregon	19.00 ^a	(17.12 - 21.04)	21.41	(19.73 - 23.20)	0.014
Region 1 (Multnomah)	20.23 ^a	(16.74 - 24.22)	28.61	(25.09 - 32.42)	0.000
Region 2	19.22	(15.99 - 22.93)	18.67	(16.05 - 21.60)	0.723
Region 3	20.38	(17.46 - 23.64)	20.86	(18.27 - 23.71)	0.746
Region 4	16.53	(13.17 - 20.55)	19.18	(16.12 - 22.66)	0.112
Region 5 (Central)	16.22	(12.52 - 20.76)	18.76	(14.47 - 23.97)	0.127
Region 6 (Eastern)	15.37 ^a	(11.59 - 20.11)	18.99	(15.23 - 23.42)	0.022
Pennsylvania	11.55 ^a	(10.76 - 12.40)	12.90	(12.01 - 13.84)	0.002
Region 1 (Allegheny)	13.28 ^a	(11.31 - 15.53)	15.26	(12.95 - 17.90)	0.048
Regions 3, 8, 9, and 51	11.35	(9.39 - 13.65)	11.93	(9.80 - 14.46)	0.531
Regions 4, 11, 37, and 49	10.45 ^a	(8.53 - 12.72)	12.54	(10.18 - 15.36)	0.020
Regions 5, 18, 23, 24, and 46	8.83	(7.24 - 10.73)	9.41	(7.58 - 11.63)	0.472
Regions 6, 12, 16, 31, 35, 45, and 47	11.50 ^a	(9.57 - 13.76)	14.37	(11.85 - 17.32)	0.002
Regions 7, 13, 20, and 33	12.02	(10.52 - 13.71)	12.74	(11.15 - 14.53)	0.390
Regions 10, 15, 27, 32, 43, and 44	9.95	(7.94 - 12.40)	8.89	(6.83 - 11.51)	0.232
Regions 17 and 21	12.15	(9.66 - 15.16)	11.21	(8.76 - 14.24)	0.337
Regions 19, 26, 28, and 42	9.92	(8.46 - 11.60)	9.98	(8.37 - 11.86)	0.941
Regions 22, 38, 40, 41, and 48	7.60 ^a	(6.09 - 9.45)	9.82	(7.83 - 12.25)	0.005
Regions 29 and 34	11.82	(9.45 - 14.68)	11.49	(9.07 - 14.45)	0.742
Regions 30 and 50	10.93	(8.86 - 13.40)	11.29	(9.02 - 14.05)	0.706
Region 36 (Philadelphia)	15.81 ^a	(13.54 - 18.39)	20.41	(17.66 - 23.47)	0.001
Rhode Island	19.74	(17.86 - 21.75)	19.72	(17.97 - 21.59)	0.982
Region 1: Southern Providence County	--	(-- --)	17.99	(14.88 - 21.59)	--
Region 2: Northern Providence County/Blackstone Valley	--	(-- --)	18.55	(15.59 - 21.92)	--
Region 3: Providence	--	(-- --)	22.06	(18.55 - 26.04)	--
Region 4: Kent County	--	(-- --)	17.63	(14.57 - 21.17)	--
Region 5: East Bay	--	(-- --)	23.51	(19.42 - 28.16)	--
Region 6: Newport County	--	(-- --)	19.06	(15.37 - 23.39)	--
Region 7: South County	--	(-- --)	21.45	(17.88 - 25.53)	--
South Carolina	11.76	(10.43 - 13.24)	11.34	(10.12 - 12.69)	0.495
Region 1	11.15 ^b	(9.21 - 13.43)	9.59	(7.92 - 11.58)	0.053
Region 2	12.51	(10.34 - 15.07)	12.52	(10.48 - 14.90)	0.992
Region 3	11.67	(9.40 - 14.39)	10.30	(8.27 - 12.77)	0.144
Region 4	11.86	(9.83 - 14.24)	12.97	(10.96 - 15.29)	0.246
South Dakota	9.41 ^a	(8.23 - 10.74)	11.12	(9.87 - 12.50)	0.009
Region 1	10.83 ^a	(8.89 - 13.14)	14.14	(11.84 - 16.81)	0.003
Region 2	8.95	(6.63 - 11.98)	9.88	(7.46 - 12.98)	0.372
Region 3	8.63	(6.94 - 10.68)	9.59	(7.82 - 11.71)	0.222
Region 4	9.56 ^a	(7.54 - 12.03)	11.66	(9.45 - 14.31)	0.028
Region 5	8.91	(7.23 - 10.95)	9.90	(8.10 - 12.04)	0.263

See notes at end of table.

(continued)

Table 1 Marijuana Use in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014		2014-2016		P Value
	2012-2014 (Estimate)	(95% Confidence Interval)	2014-2016 (Estimate)	(95% Confidence Interval)	
Tennessee	9.64 ^a	(8.43 - 11.02)	11.87	(10.60 - 13.26)	0.001
Region 1	8.83	(6.75 - 11.47)	10.36	(8.02 - 13.30)	0.104
Region 2	8.58 ^a	(6.81 - 10.76)	10.65	(8.55 - 13.19)	0.021
Region 3	8.44 ^b	(6.59 - 10.74)	9.97	(8.02 - 12.34)	0.074
Region 4 (Davidson)	12.03 ^a	(9.39 - 15.29)	15.15	(12.06 - 18.85)	0.010
Region 5	10.90 ^a	(8.84 - 13.37)	14.00	(11.70 - 16.68)	0.005
Region 6	7.73 ^a	(5.84 - 10.17)	9.67	(7.48 - 12.42)	0.021
Region 7 (Shelby)	10.30	(8.12 - 12.97)	11.89	(9.48 - 14.80)	0.108
Texas	9.59	(8.94 - 10.27)	10.08	(9.38 - 10.83)	0.166
Region 1	10.82 ^b	(8.82 - 13.19)	9.51	(7.48 - 12.03)	0.090
Region 2	10.75	(8.47 - 13.56)	12.15	(9.66 - 15.18)	0.118
Region 3	9.16	(8.18 - 10.23)	9.59	(8.59 - 10.71)	0.380
Region 3a	9.05	(7.87 - 10.38)	9.51	(8.30 - 10.88)	0.439
Region 3bc	9.35	(7.89 - 11.04)	9.74	(8.24 - 11.48)	0.575
Region 4	8.72	(7.04 - 10.76)	9.32	(7.51 - 11.52)	0.391
Region 5	9.99	(7.92 - 12.53)	10.53	(8.24 - 13.36)	0.529
Region 6	8.97	(7.87 - 10.21)	9.63	(8.46 - 10.95)	0.236
Region 6a	8.75	(7.58 - 10.08)	9.60	(8.36 - 11.01)	0.156
Region 6bc	10.85	(8.54 - 13.70)	9.92	(7.64 - 12.79)	0.244
Region 7	12.73 ^a	(11.18 - 14.47)	14.65	(12.95 - 16.53)	0.011
Region 7a	14.00 ^b	(11.92 - 16.37)	15.81	(13.56 - 18.35)	0.068
Region 7bcd	10.55 ^a	(8.76 - 12.67)	12.60	(10.43 - 15.16)	0.013
Region 8	10.34	(8.80 - 12.11)	10.02	(8.46 - 11.83)	0.671
Region 9	10.05	(7.95 - 12.63)	10.79	(8.36 - 13.83)	0.334
Region 10	7.96	(6.41 - 9.84)	7.81	(6.16 - 9.85)	0.805
Region 11	7.21	(6.10 - 8.51)	6.86	(5.73 - 8.20)	0.449
Region 11abd	7.89	(6.40 - 9.70)	6.92	(5.56 - 8.60)	0.101
Region 11c (Hidalgo)	6.04	(4.79 - 7.58)	6.76	(5.21 - 8.74)	0.181
Utah	9.37	(8.19 - 10.70)	9.60	(8.53 - 10.80)	0.678
Bear River, Northeastern, Summit, Tooele, and Wasatch	8.22	(6.40 - 10.51)	9.03	(6.90 - 11.74)	0.280
Central, Four Corners, San Juan, and Southwest	9.14	(6.97 - 11.89)	8.83	(7.01 - 11.08)	0.675
Central, Four Corners, and San Juan	--	(-- - --)	7.96	(5.78 - 10.87)	--
Southwest	--	(-- - --)	9.37	(7.06 - 12.34)	--
Davis County	8.28	(6.46 - 10.56)	8.12	(6.13 - 10.68)	0.830
Salt Lake County	10.92	(9.13 - 13.02)	11.45	(9.84 - 13.30)	0.540
Utah County	8.08	(6.45 - 10.07)	8.09	(6.35 - 10.26)	0.985
Weber, Morgan	8.57	(6.50 - 11.23)	8.44	(6.50 - 10.88)	0.857
Vermont	19.82	(17.93 - 21.86)	21.19	(19.43 - 23.07)	0.177
Champlain Valley	21.47	(18.92 - 24.26)	22.78	(20.39 - 25.35)	0.339
Rural Northeast	18.73 ^a	(15.55 - 22.37)	22.07	(18.54 - 26.06)	0.043
Rural Southeast	20.41	(16.98 - 24.32)	19.15	(16.25 - 22.42)	0.423
Rural Southwest	16.49	(13.29 - 20.29)	18.49	(15.31 - 22.15)	0.185

See notes at end of table.

(continued)

Table 1 Marijuana Use in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Virginia	12.46 ^b	(11.10 - 13.96)	11.39	(10.39 - 12.48)	0.080
Region 1	13.74 ^a	(11.30 - 16.61)	11.03	(9.14 - 13.24)	0.007
Region 2	9.74	(7.89 - 11.95)	8.89	(7.49 - 10.51)	0.300
Region 3	13.71 ^a	(11.15 - 16.75)	10.84	(9.09 - 12.87)	0.005
Region 4	12.77	(10.30 - 15.73)	13.12	(11.10 - 15.45)	0.743
Region 5	13.80	(11.47 - 16.51)	13.96	(12.01 - 16.17)	0.878
Washington¹	18.32	(16.63 - 20.14)	18.63	(16.93 - 20.46)	0.732
Region 1	15.43	(13.09 - 18.10)	17.08	(14.59 - 19.90)	0.110
Greater Columbia and North Central	13.60	(11.00 - 16.69)	14.54	(11.81 - 17.78)	0.390
Spokane	18.10	(14.42 - 22.47)	20.82	(16.70 - 25.64)	0.102
Region 2	20.13	(17.85 - 22.62)	18.74	(16.53 - 21.17)	0.252
King	19.34	(16.64 - 22.37)	19.03	(16.33 - 22.06)	0.829
North Sound	21.51 ^a	(18.00 - 25.49)	18.22	(15.05 - 21.89)	0.041
Region 3	17.70 ^b	(15.47 - 20.18)	19.52	(17.23 - 22.03)	0.091
Pierce	18.61	(15.23 - 22.54)	21.33	(17.90 - 25.21)	0.106
Salish	18.35	(14.34 - 23.18)	17.95	(13.87 - 22.91)	0.810
SW WA and Great Rivers	15.89 ^b	(12.72 - 19.66)	18.47	(14.86 - 22.71)	0.076
Thurston-Mason	18.71	(14.54 - 23.73)	19.12	(14.64 - 24.57)	0.798
West Virginia	10.46	(9.24 - 11.83)	11.26	(10.02 - 12.63)	0.189
Region I	9.32	(7.10 - 12.15)	10.11	(7.79 - 13.03)	0.379
Region II	12.06 ^a	(9.48 - 15.23)	9.94	(7.81 - 12.57)	0.040
Region III	8.67 ^a	(6.50 - 11.48)	11.08	(8.61 - 14.14)	0.015
Region IV	12.22 ^b	(10.18 - 14.59)	14.00	(11.71 - 16.67)	0.069
Region V	10.26	(8.41 - 12.45)	11.36	(9.36 - 13.71)	0.245
Region VI	8.84	(7.05 - 11.04)	9.39	(7.45 - 11.77)	0.542
Wisconsin	11.53	(10.11 - 13.13)	12.31	(11.06 - 13.68)	0.239
Milwaukee	13.91 ^b	(11.15 - 17.23)	16.06	(13.40 - 19.12)	0.100
Northeastern	9.65	(7.75 - 11.95)	9.18	(7.35 - 11.42)	0.576
Northern	8.73	(6.54 - 11.56)	9.52	(7.31 - 12.31)	0.386
Southeastern	10.89	(8.73 - 13.50)	11.48	(9.53 - 13.76)	0.527
Southern	12.84	(10.32 - 15.87)	13.64	(11.38 - 16.25)	0.476
Western	12.59	(10.03 - 15.68)	13.97	(11.44 - 16.95)	0.210

See notes at end of table.

(continued)

Table 1 Marijuana Use in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	<i>P</i> Value
Wyoming	10.77	(9.44 - 12.26)	11.13	(9.85 - 12.56)	0.546
Judicial District 1 (Laramie)	10.49 ^b	(8.34 - 13.11)	12.38	(10.08 - 15.11)	0.057
Judicial District 2	15.48	(12.60 - 18.87)	16.04	(13.21 - 19.33)	0.623
Judicial District 3	8.26	(6.46 - 10.50)	8.96	(6.95 - 11.49)	0.359
Judicial District 4	10.43	(7.84 - 13.75)	9.60	(7.14 - 12.80)	0.405
Judicial District 5	8.90	(6.63 - 11.86)	7.81	(5.92 - 10.25)	0.158
Judicial District 6	9.21	(7.12 - 11.85)	9.34	(7.24 - 11.96)	0.887
Judicial District 7 (Natrona)	11.64	(9.27 - 14.52)	10.89	(8.61 - 13.68)	0.442
Judicial District 8	9.27	(7.04 - 12.11)	9.74	(7.45 - 12.64)	0.602
Judicial District 9	13.09	(9.96 - 17.00)	14.00	(11.06 - 17.55)	0.504

SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2012-2014 and 2014-2016); hence, the 2012-2014 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

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 significance levels for the null hypothesis of no change between the 2012-2014 and 2014-2016 population percentages. The "Total U.S." estimates, along with the 95 percent confidence intervals and the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2012-2014 and 2014-2016 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2012-2014 and 2014-2016 population percentages 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 (2012-2014 vs. 2014-2016). For details, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012-2016.

Table 2 *Marijuana Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Total United States	7.73 ^a	(7.54 - 7.92)	8.53	(8.35 - 8.71)	0.000
Northeast	8.36 ^a	(7.95 - 8.79)	9.53	(9.10 - 9.98)	0.000
Midwest	7.28 ^a	(6.97 - 7.60)	8.14	(7.80 - 8.49)	0.000
South	6.43 ^a	(6.15 - 6.73)	7.03	(6.74 - 7.34)	0.000
West	9.70 ^a	(9.24 - 10.17)	10.48	(10.06 - 10.92)	0.002
Alabama	5.16	(4.29 - 6.20)	5.25	(4.46 - 6.18)	0.808
Region 1	4.71	(3.49 - 6.32)	5.10	(3.97 - 6.54)	0.427
Region 2	5.91	(4.58 - 7.59)	5.54	(4.37 - 7.01)	0.481
Region 3	4.83	(3.69 - 6.31)	5.09	(3.86 - 6.69)	0.558
Region 4	4.94	(3.64 - 6.66)	5.16	(3.99 - 6.66)	0.663
Alaska	12.59 ^a	(10.99 - 14.38)	15.48	(13.94 - 17.17)	0.001
Anchorage	12.37	(10.28 - 14.82)	13.51	(11.57 - 15.71)	0.309
Northern	14.93 ^b	(11.76 - 18.76)	17.95	(15.02 - 21.31)	0.051
South Central	11.49 ^a	(9.02 - 14.54)	15.72	(13.16 - 18.67)	0.002
Southeast	11.23 ^a	(8.40 - 14.86)	17.39	(13.67 - 21.88)	0.000
Arizona¹	8.06	(6.90 - 9.39)	7.74	(6.72 - 8.90)	0.544
Central	7.64	(6.34 - 9.18)	8.01	(6.81 - 9.40)	0.567
North	--	(-- --)	7.09	(5.31 - 9.41)	--
South	--	(-- --)	7.45	(6.00 - 9.23)	--
South A	9.89 ^a	(7.40 - 13.10)	7.88	(6.07 - 10.17)	0.023
South B	--	(-- --)	6.94	(5.17 - 9.26)	--
Arkansas	6.24 ^a	(5.25 - 7.41)	7.10	(6.13 - 8.21)	0.042
Catchment Area 1	6.46	(4.87 - 8.53)	7.26	(5.60 - 9.37)	0.207
Catchment Area 2	5.48	(3.91 - 7.61)	6.02	(4.46 - 8.08)	0.382
Catchment Area 3	5.76 ^b	(4.21 - 7.83)	6.84	(5.24 - 8.89)	0.073
Catchment Area 4	6.10	(4.36 - 8.47)	6.96	(5.22 - 9.22)	0.175
Catchment Area 5	7.42 ^b	(5.56 - 9.84)	6.20	(4.72 - 8.11)	0.062
Catchment Area 6	6.96	(5.00 - 9.61)	8.00	(5.99 - 10.61)	0.181
Catchment Area 7	5.49 ^b	(3.91 - 7.66)	6.43	(4.62 - 8.89)	0.095
Catchment Area 8	6.07 ^a	(4.51 - 8.13)	8.47	(6.64 - 10.75)	0.000

See notes at end of table.

(continued)

Table 2 Marijuana Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
California	9.19 ^a	(8.53 - 9.90)	10.21	(9.62 - 10.84)	0.004
Region 1R	13.97	(10.71 - 18.04)	15.29	(12.33 - 18.80)	0.362
Region 2R	11.09	(8.54 - 14.28)	11.40	(9.16 - 14.11)	0.762
Region 3R (Sacramento)	10.19	(8.04 - 12.83)	10.86	(8.91 - 13.17)	0.453
Region 4R	11.34	(9.09 - 14.07)	11.16	(9.01 - 13.75)	0.851
Region 5R (San Francisco)	15.46	(11.52 - 20.44)	15.29	(12.15 - 19.06)	0.913
Region 6 (Santa Clara)	7.78	(6.10 - 9.89)	8.76	(7.17 - 10.67)	0.166
Region 7R (Contra Costa)	9.55	(7.32 - 12.36)	10.53	(8.55 - 12.91)	0.303
Region 8R (Alameda)	10.67	(8.41 - 13.44)	12.15	(9.97 - 14.74)	0.132
Region 9R (San Mateo)	9.07	(6.72 - 12.13)	10.60	(8.27 - 13.50)	0.113
Region 10	10.23	(7.92 - 13.10)	10.40	(8.21 - 13.09)	0.835
Region 11 (Los Angeles)	8.44 ^a	(7.55 - 9.43)	9.84	(8.95 - 10.81)	0.001
LA SPA 1 and 5	9.77 ^a	(7.52 - 12.61)	11.94	(9.46 - 14.96)	0.017
LA SPA 2	8.03 ^a	(6.39 - 10.05)	9.57	(7.81 - 11.67)	0.034
LA SPA 3	6.18	(4.71 - 8.07)	6.68	(5.28 - 8.43)	0.430
LA SPA 4	10.50 ^b	(8.15 - 13.42)	12.23	(9.65 - 15.39)	0.085
LA SPA 6	10.62	(8.18 - 13.68)	11.39	(9.24 - 13.98)	0.420
LA SPA 7	7.00 ^b	(5.48 - 8.92)	8.18	(6.46 - 10.30)	0.067
LA SPA 8	9.01 ^a	(7.10 - 11.37)	10.99	(9.07 - 13.25)	0.019
Region 12R	9.28	(6.92 - 12.33)	8.67	(6.75 - 11.07)	0.450
Regions 13 and 19R	7.99	(6.44 - 9.87)	8.57	(7.12 - 10.27)	0.367
Region 14 (Orange)	8.09	(6.58 - 9.89)	8.54	(7.01 - 10.36)	0.497
Region 15R (Fresno)	8.10 ^a	(6.17 - 10.58)	9.79	(7.72 - 12.34)	0.034
Region 16R (San Diego)	9.42 ^a	(7.70 - 11.47)	11.10	(9.47 - 12.96)	0.032
Region 17R	7.59	(5.90 - 9.71)	8.68	(7.11 - 10.57)	0.135
Region 18R (San Bernardino)	7.62 ^b	(6.03 - 9.59)	8.89	(7.34 - 10.72)	0.056
Region 20R	8.76	(6.80 - 11.23)	9.28	(7.30 - 11.73)	0.492
Region 21R	11.20 ^a	(8.66 - 14.36)	13.48	(10.82 - 16.66)	0.030
Colorado	14.01 ^b	(12.32 - 15.88)	15.65	(14.10 - 17.34)	0.051
Region 1	--	(-- --)	17.16	(14.05 - 20.80)	--
Region 2	--	(-- --)	12.88	(9.86 - 16.64)	--
Region 3	--	(-- --)	14.07	(11.79 - 16.70)	--
Region 4	--	(-- --)	12.82	(9.73 - 16.72)	--
Region 5	--	(-- --)	18.63	(15.22 - 22.61)	--
Region 6	--	(-- --)	17.88	(14.78 - 21.47)	--
Region 7	--	(-- --)	14.26	(11.47 - 17.61)	--
Connecticut	9.21	(7.95 - 10.65)	9.27	(8.11 - 10.58)	0.910
Eastern	10.12	(7.88 - 12.91)	10.61	(8.25 - 13.55)	0.574
North Central	9.21	(7.27 - 11.60)	9.27	(7.53 - 11.37)	0.935
Northwestern	7.66	(5.79 - 10.07)	8.61	(6.75 - 10.93)	0.184
South Central	10.12	(8.04 - 12.67)	9.72	(7.88 - 11.92)	0.622
Southwest	8.92	(6.75 - 11.72)	8.49	(6.64 - 10.80)	0.608

See notes at end of table.

(continued)

Table 2 *Marijuana Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Delaware	8.12	(7.03 - 9.35)	8.89	(7.74 - 10.19)	0.131
Kent	7.09 ^a	(5.39 - 9.27)	8.78	(6.96 - 11.01)	0.020
New Castle (excluding Wilmington City)	8.87	(7.50 - 10.46)	8.70	(7.34 - 10.29)	0.801
Sussex	6.17	(4.60 - 8.23)	7.17	(5.49 - 9.31)	0.145
Wilmington City	11.01 ^a	(8.07 - 14.85)	15.19	(11.56 - 19.71)	0.001
District of Columbia	11.88 ^a	(10.44 - 13.48)	13.89	(12.42 - 15.50)	0.006
Ward 1	12.60 ^a	(9.77 - 16.10)	16.43	(13.23 - 20.22)	0.003
Ward 2	13.91 ^a	(10.72 - 17.84)	17.49	(14.11 - 21.48)	0.013
Ward 3	9.97	(7.62 - 12.94)	9.73	(7.57 - 12.42)	0.805
Ward 4	11.40	(8.67 - 14.84)	10.84	(8.43 - 13.84)	0.601
Ward 5	11.64 ^a	(9.15 - 14.69)	14.61	(11.62 - 18.21)	0.009
Ward 6	11.71	(9.02 - 15.07)	11.44	(9.07 - 14.34)	0.816
Ward 7	10.92 ^a	(8.20 - 14.40)	14.07	(11.13 - 17.64)	0.009
Ward 8	12.87 ^a	(10.11 - 16.26)	16.64	(13.46 - 20.39)	0.004
Florida	7.24	(6.63 - 7.91)	7.70	(7.07 - 8.38)	0.158
Broward (Circuit 17)	6.92	(5.47 - 8.72)	7.98	(6.45 - 9.83)	0.112
Central I	7.47 ^b	(6.32 - 8.82)	8.41	(7.20 - 9.79)	0.076
Circuit 9	7.42 ^b	(5.99 - 9.16)	8.63	(7.17 - 10.36)	0.070
Circuit 18	7.54	(5.92 - 9.56)	8.07	(6.37 - 10.18)	0.427
Central II	7.38	(6.46 - 8.41)	7.40	(6.53 - 8.37)	0.956
Circuit 6	7.86	(6.14 - 10.01)	8.53	(6.90 - 10.50)	0.394
Circuit 10	6.63	(5.02 - 8.71)	6.22	(4.89 - 7.89)	0.460
Circuit 12	6.61	(4.96 - 8.76)	6.39	(4.83 - 8.41)	0.735
Circuit 13 (Hillsborough)	8.37	(6.78 - 10.29)	8.66	(7.08 - 10.55)	0.691
Circuit 20	6.71	(5.12 - 8.75)	6.10	(4.66 - 7.95)	0.286
Northeast	7.99	(6.93 - 9.19)	8.41	(7.34 - 9.61)	0.357
Circuit 4	8.00	(6.34 - 10.06)	8.39	(6.64 - 10.54)	0.592
Circuit 5	6.81	(5.20 - 8.88)	7.54	(5.90 - 9.58)	0.280
Circuit 7	7.55	(5.80 - 9.78)	8.24	(6.49 - 10.41)	0.313
Circuit 8 plus Columbia, Dixie, Hamilton, Lafayette, and Suwannee	11.08	(8.62 - 14.12)	10.51	(8.25 - 13.31)	0.512
Northwest	9.50	(8.08 - 11.15)	10.03	(8.65 - 11.61)	0.346
Circuit 1	8.63	(6.64 - 11.14)	7.83	(6.20 - 9.84)	0.264
Circuit 2 plus Madison and Taylor	11.71 ^a	(9.37 - 14.53)	13.80	(11.18 - 16.92)	0.041
Circuit 14	8.30 ^b	(6.13 - 11.14)	9.70	(7.31 - 12.77)	0.079
South (Circuits 11 and 16)	5.23	(4.28 - 6.38)	5.36	(4.40 - 6.52)	0.767
Southeast	6.60 ^b	(5.41 - 8.03)	7.55	(6.29 - 9.05)	0.076
Circuit 15 (Palm Beach)	6.04 ^a	(4.69 - 7.73)	7.61	(6.05 - 9.53)	0.012
Circuit 19	7.85	(5.83 - 10.48)	7.44	(5.76 - 9.54)	0.589

See notes at end of table.

(continued)

Table 2 Marijuana Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Georgia	7.74	(6.65 - 8.99)	7.31	(6.52 - 8.18)	0.354
Region 1	7.41 ^a	(5.77 - 9.47)	6.09	(4.97 - 7.44)	0.032
Region 2	6.45	(4.79 - 8.63)	6.88	(5.47 - 8.62)	0.517
Region 3	7.95	(6.34 - 9.93)	9.14	(7.78 - 10.71)	0.126
Region 4	7.18	(5.26 - 9.74)	6.90	(5.19 - 9.12)	0.661
Region 5	8.53 ^a	(6.29 - 11.47)	6.80	(5.21 - 8.81)	0.020
Region 6	8.66 ^a	(6.54 - 11.38)	6.61	(5.18 - 8.40)	0.004
Hawaii	8.26	(7.02 - 9.70)	7.75	(6.67 - 9.00)	0.397
Hawaii Island	9.66	(7.03 - 13.15)	9.25	(6.99 - 12.15)	0.722
Honolulu	7.61	(6.30 - 9.16)	6.83	(5.71 - 8.15)	0.210
Kauai	10.00	(6.90 - 14.28)	10.55	(7.73 - 14.24)	0.677
Maui	9.93	(7.34 - 13.31)	10.55	(8.04 - 13.72)	0.596
Idaho	6.02 ^b	(5.10 - 7.10)	6.79	(5.86 - 7.85)	0.077
Region 1	5.64 ^b	(4.10 - 7.71)	6.91	(5.21 - 9.10)	0.053
Region 2	8.11	(5.80 - 11.21)	7.78	(5.69 - 10.54)	0.669
Region 3	5.10	(3.76 - 6.88)	5.17	(3.91 - 6.81)	0.890
Region 4	6.80 ^a	(5.35 - 8.60)	8.40	(6.83 - 10.28)	0.033
Region 5	5.43	(3.93 - 7.44)	5.90	(4.42 - 7.82)	0.405
Region 6	6.11	(4.35 - 8.52)	6.96	(5.04 - 9.54)	0.207
Region 7	5.33	(3.93 - 7.18)	5.45	(4.08 - 7.24)	0.815
Illinois	7.26 ^a	(6.65 - 7.93)	8.02	(7.32 - 8.77)	0.022
Region 1 (Cook)	8.31	(7.32 - 9.43)	8.61	(7.66 - 9.67)	0.526
Region 1.1 (Far North Side)	--	(-- --)	8.60	(6.36 - 11.52)	--
Region 1.2 (Northwest Side)	--	(-- --)	8.07	(5.99 - 10.78)	--
Region 1.3 (North Central Side)	--	(-- --)	11.10	(8.42 - 14.50)	--
Region 1.4 (West Side)	--	(-- --)	10.84	(8.35 - 13.96)	--
Region 1.5 (South Side)	--	(-- --)	12.13	(9.53 - 15.32)	--
Region 1.6 (Southwest Side)	--	(-- --)	8.48	(6.53 - 10.94)	--
Region 1.7 (Suburban Cook)	--	(-- --)	6.87	(5.75 - 8.21)	--
Region 2	6.08 ^a	(5.25 - 7.02)	7.26	(6.38 - 8.25)	0.003
Region 2a (DuPage)	--	(-- --)	7.12	(5.62 - 8.99)	--
Region 2b	--	(-- --)	7.40	(6.21 - 8.80)	--
Region 2c (Winnebago)	--	(-- --)	7.83	(5.81 - 10.48)	--
Region 2d	--	(-- --)	6.73	(5.17 - 8.71)	--
Region 3	7.09 ^a	(5.81 - 8.62)	8.71	(7.28 - 10.39)	0.005
Region 3a (Champaign)	--	(-- --)	13.40	(10.55 - 16.87)	--
Region 3b	--	(-- --)	7.93	(6.40 - 9.79)	--
Region 4	6.37 ^a	(5.07 - 7.98)	7.58	(6.15 - 9.31)	0.026
Region 4a (Sangamon)	--	(-- --)	8.05	(5.96 - 10.80)	--
Region 4b	--	(-- --)	7.44	(5.80 - 9.50)	--
Region 5	7.54	(6.09 - 9.29)	7.50	(6.18 - 9.06)	0.940
Region 5a	--	(-- --)	8.07	(6.19 - 10.45)	--
Region 5b	--	(-- --)	7.04	(5.46 - 9.02)	--

See notes at end of table.

(continued)

Table 2 *Marijuana Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Indiana	6.97 ^a	(5.96 - 8.14)	8.87	(7.76 - 10.11)	0.000
Central	6.64 ^b	(5.17 - 8.50)	7.88	(6.38 - 9.70)	0.054
East	7.41 ^a	(5.48 - 9.96)	10.34	(7.85 - 13.50)	0.000
North Central	6.56 ^a	(4.92 - 8.69)	8.42	(6.52 - 10.80)	0.007
Northeast	6.70 ^a	(4.92 - 9.07)	8.85	(6.72 - 11.57)	0.002
Northwest	6.18 ^a	(4.60 - 8.25)	8.30	(6.31 - 10.85)	0.002
Southeast	6.98 ^a	(5.09 - 9.51)	9.05	(6.86 - 11.85)	0.008
Southwest	6.92	(5.08 - 9.36)	7.62	(5.66 - 10.19)	0.297
West	8.96 ^a	(6.81 - 11.70)	11.90	(9.23 - 15.21)	0.001
Iowa	5.48	(4.55 - 6.57)	4.98	(4.20 - 5.90)	0.173
Central	4.76	(3.48 - 6.49)	5.42	(4.07 - 7.19)	0.214
North Central	7.19 ^a	(5.31 - 9.66)	5.39	(4.00 - 7.22)	0.003
Northeast	5.48	(4.16 - 7.17)	5.24	(4.10 - 6.68)	0.642
Northwest	4.74	(3.36 - 6.65)	4.33	(3.19 - 5.85)	0.393
Southeast	6.01 ^a	(4.47 - 8.03)	4.72	(3.53 - 6.27)	0.015
Southwest	4.84	(3.47 - 6.70)	4.64	(3.33 - 6.43)	0.678
Kansas	5.25 ^a	(4.36 - 6.30)	7.01	(6.03 - 8.14)	0.000
Northeast	--	(-- --)	7.42	(6.13 - 8.97)	--
Northwest and North Central	--	(-- --)	6.38	(4.53 - 8.91)	--
South Central	--	(-- --)	6.62	(5.28 - 8.28)	--
Southeast	--	(-- --)	7.30	(5.29 - 10.00)	--
Southwest	--	(-- --)	5.93	(4.26 - 8.18)	--
Kentucky¹	6.19 ^a	(5.27 - 7.26)	7.24	(6.22 - 8.42)	0.008
Adanta, Cumberland River, and Lifeskills	4.95 ^a	(3.66 - 6.66)	6.32	(4.78 - 8.30)	0.007
Bluegrass, Comprehend, and North Key	6.50 ^b	(5.11 - 8.24)	7.67	(6.15 - 9.53)	0.061
Centerstone	7.32	(5.69 - 9.38)	8.31	(6.51 - 10.55)	0.148
Communicare and River Valley	6.66	(4.78 - 9.21)	6.72	(4.94 - 9.09)	0.920
Four Rivers and Pennyroyal	5.37	(3.79 - 7.57)	5.89	(4.27 - 8.07)	0.336
Kentucky River, Mountain, and Pathways	5.23 ^a	(3.78 - 7.20)	7.02	(5.18 - 9.44)	0.003
Louisiana	5.54 ^a	(4.64 - 6.60)	6.67	(5.72 - 7.76)	0.004
Regions 1 and 10	6.70 ^a	(5.12 - 8.74)	9.03	(7.20 - 11.28)	0.001
Region 1	7.67 ^a	(5.48 - 10.64)	11.80	(8.91 - 15.47)	0.000
Region 10 (Jefferson)	5.70	(4.07 - 7.93)	6.01	(4.45 - 8.07)	0.601
Regions 2 and 9	5.84 ^a	(4.57 - 7.43)	7.11	(5.67 - 8.89)	0.032
Region 3	5.15	(3.60 - 7.32)	5.38	(4.01 - 7.18)	0.675
Regions 4, 5, and 6	5.09	(3.82 - 6.76)	5.78	(4.40 - 7.55)	0.198
Regions 7 and 8	4.75	(3.59 - 6.25)	5.44	(4.21 - 7.00)	0.137

See notes at end of table.

(continued)

Table 2 *Marijuana Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Maine	11.72 ^a	(10.22 - 13.41)	14.91	(13.33 - 16.64)	0.000
Aroostook/Downeast	10.74 ^a	(8.28 - 13.82)	14.70	(11.89 - 18.03)	0.000
Aroostook	9.05 ^a	(6.57 - 12.34)	14.01	(10.75 - 18.05)	0.000
Downeast	12.11 ^a	(8.54 - 16.91)	15.26	(11.55 - 19.88)	0.036
Central	11.90 ^a	(9.13 - 15.36)	14.70	(11.64 - 18.40)	0.030
Cumberland	12.88 ^a	(10.16 - 16.20)	15.67	(13.03 - 18.73)	0.022
Midcoast	11.62 ^b	(8.74 - 15.30)	13.97	(11.03 - 17.53)	0.079
Penquis	13.25 ^a	(10.36 - 16.80)	16.20	(13.06 - 19.92)	0.020
Western	11.89 ^a	(9.32 - 15.04)	15.25	(12.22 - 18.86)	0.008
York	9.29 ^a	(6.95 - 12.32)	13.44	(10.64 - 16.85)	0.001
Maryland	7.76 ^a	(6.66 - 9.03)	9.89	(8.74 - 11.18)	0.000
Anne Arundel	7.67 ^a	(5.69 - 10.27)	9.76	(7.40 - 12.77)	0.006
Baltimore City	9.99 ^a	(7.67 - 12.91)	15.37	(12.36 - 18.96)	0.000
Baltimore County	7.80 ^a	(5.80 - 10.43)	9.91	(7.67 - 12.71)	0.009
Montgomery	6.91	(5.06 - 9.36)	7.44	(5.86 - 9.41)	0.479
North Central	6.43 ^a	(4.65 - 8.83)	7.83	(5.87 - 10.38)	0.038
Northeast	7.81 ^a	(5.79 - 10.45)	9.22	(6.99 - 12.06)	0.046
Prince George's	8.55 ^a	(6.56 - 11.08)	11.32	(8.99 - 14.17)	0.002
South	6.55 ^a	(4.79 - 8.90)	8.42	(6.31 - 11.15)	0.009
West	7.95 ^a	(5.87 - 10.67)	10.10	(7.75 - 13.07)	0.006
Massachusetts	10.77 ^a	(9.39 - 12.32)	12.24	(10.95 - 13.65)	0.019
Boston	13.12 ^b	(10.27 - 16.61)	15.34	(12.35 - 18.91)	0.059
Central	10.70	(8.16 - 13.91)	12.47	(9.83 - 15.69)	0.101
Metrowest	10.00 ^a	(7.81 - 12.72)	12.29	(10.13 - 14.84)	0.020
Northeast	10.04	(7.87 - 12.72)	10.53	(8.61 - 12.81)	0.586
Southeast	10.95	(8.64 - 13.79)	11.33	(9.06 - 14.09)	0.679
Western	10.77 ^a	(8.32 - 13.82)	12.86	(10.23 - 16.04)	0.031
Michigan	9.74 ^b	(9.00 - 10.54)	10.45	(9.63 - 11.33)	0.091
Region 1	9.58	(7.29 - 12.48)	10.07	(7.78 - 12.94)	0.582
Region 2	8.39	(6.34 - 11.01)	8.40	(6.32 - 11.10)	0.983
Region 3	9.16	(7.60 - 11.01)	9.73	(8.09 - 11.66)	0.448
Region 4	10.24	(8.29 - 12.58)	9.63	(7.95 - 11.64)	0.472
Region 5	10.08	(8.69 - 11.65)	10.71	(9.18 - 12.47)	0.378
Region 6	8.40 ^a	(6.84 - 10.27)	10.16	(8.23 - 12.47)	0.022
Region 7	11.13	(9.46 - 13.05)	12.31	(10.45 - 14.44)	0.188
Region 8	8.14 ^a	(6.63 - 9.96)	9.64	(8.03 - 11.51)	0.046
Region 9	9.87	(8.05 - 12.04)	10.15	(8.26 - 12.42)	0.739
Region 10	11.15	(9.13 - 13.56)	11.24	(9.03 - 13.92)	0.925

See notes at end of table.

(continued)

Table 2 *Marijuana Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Minnesota	6.84 ^b	(5.82 - 8.02)	7.63	(6.58 - 8.83)	0.066
Regions 1 and 2	6.14 ^a	(4.38 - 8.55)	7.71	(5.91 - 9.99)	0.018
Region 1	--	(-- --)	7.37	(5.27 - 10.22)	--
Region 2	--	(-- --)	7.91	(5.68 - 10.92)	--
Regions 3 and 4	6.76	(5.11 - 8.90)	6.96	(5.52 - 8.75)	0.723
Region 3	--	(-- --)	6.96	(4.91 - 9.77)	--
Region 4	--	(-- --)	6.97	(5.33 - 9.06)	--
Regions 5 and 6	6.50	(4.88 - 8.63)	6.97	(5.52 - 8.78)	0.410
Region 5	--	(-- --)	6.75	(5.04 - 8.97)	--
Region 6	--	(-- --)	7.21	(5.29 - 9.75)	--
Region 7	--	(-- --)	8.05	(6.80 - 9.50)	--
Region 7A (Hennepin)	7.40	(5.66 - 9.60)	8.56	(6.75 - 10.80)	0.136
Region 7B (Ramsey)	8.61	(6.25 - 11.75)	8.44	(6.37 - 11.10)	0.836
Region 7C	6.16 ^b	(4.81 - 7.87)	7.37	(5.76 - 9.39)	0.055
Mississippi	5.54	(4.68 - 6.55)	5.76	(4.90 - 6.76)	0.537
Region 1	5.64	(4.29 - 7.38)	6.28	(4.94 - 7.95)	0.232
Region 2	5.86	(4.38 - 7.79)	6.12	(4.56 - 8.16)	0.649
Region 3	4.80	(3.56 - 6.44)	5.21	(3.87 - 6.98)	0.376
Region 4	6.18	(4.72 - 8.05)	6.16	(4.75 - 7.96)	0.976
Region 5	4.93	(3.45 - 7.00)	5.58	(3.94 - 7.86)	0.194
Region 6	4.95	(3.61 - 6.75)	5.30	(3.98 - 7.03)	0.479
Region 7	5.69	(4.17 - 7.72)	5.13	(3.77 - 6.94)	0.282
Missouri	7.20 ^b	(6.12 - 8.45)	7.97	(6.95 - 9.13)	0.082
Central	7.15	(5.54 - 9.19)	7.32	(5.56 - 9.57)	0.788
Eastern	7.44 ^a	(6.01 - 9.19)	8.97	(7.45 - 10.77)	0.015
Eastern (St. Louis City and County)	8.30 ^a	(6.42 - 10.67)	9.96	(7.95 - 12.42)	0.045
Eastern (excluding St. Louis)	5.97 ^a	(4.48 - 7.91)	7.29	(5.64 - 9.38)	0.031
Northwest	8.05	(6.34 - 10.19)	8.65	(7.06 - 10.55)	0.367
Northwest (Jackson)	9.27	(6.86 - 12.40)	9.83	(7.67 - 12.53)	0.549
Northwest (excluding Jackson)	7.03	(5.13 - 9.58)	7.65	(5.83 - 9.99)	0.370
Southeast	5.48	(3.93 - 7.59)	6.25	(4.65 - 8.36)	0.195
Southwest	6.66	(4.91 - 8.98)	6.57	(5.04 - 8.54)	0.885
Montana	10.46 ^a	(9.07 - 12.03)	11.80	(10.49 - 13.25)	0.047
Region 1	7.88 ^b	(5.59 - 11.01)	9.49	(6.98 - 12.77)	0.087
Region 2	10.69	(8.12 - 13.95)	9.68	(7.57 - 12.30)	0.336
Region 3	10.26	(7.99 - 13.07)	9.35	(7.42 - 11.72)	0.345
Region 4	10.23 ^a	(8.15 - 12.78)	13.06	(10.83 - 15.66)	0.006
Region 5	11.34 ^a	(9.07 - 14.08)	13.94	(11.72 - 16.50)	0.026

See notes at end of table.

(continued)

Table 2 Marijuana Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Nebraska	5.97 ^a	(5.04 - 7.06)	6.95	(5.95 - 8.11)	0.024
Regions 1 and 2	6.09	(4.47 - 8.25)	6.12	(4.62 - 8.06)	0.958
Region 1	6.13	(4.20 - 8.86)	6.33	(4.47 - 8.91)	0.750
Region 2	6.06	(4.13 - 8.81)	5.93	(4.17 - 8.38)	0.827
Region 3	5.33	(3.96 - 7.14)	6.04	(4.60 - 7.90)	0.176
Region 4	4.93	(3.50 - 6.90)	5.47	(4.01 - 7.42)	0.289
Region 5	5.60 ^a	(4.33 - 7.22)	6.82	(5.34 - 8.66)	0.025
Region 6	6.63 ^b	(5.32 - 8.23)	7.90	(6.44 - 9.64)	0.058
Nevada	7.94	(6.67 - 9.42)	7.94	(6.83 - 9.22)	0.996
Clark – Region 1	7.60	(6.19 - 9.30)	7.63	(6.42 - 9.04)	0.969
Region 3	7.82	(5.83 - 10.40)	7.21	(5.41 - 9.54)	0.349
Capital District	8.30	(5.68 - 11.99)	7.44	(5.12 - 10.69)	0.314
Rural/Frontier	7.37	(5.15 - 10.45)	6.99	(4.96 - 9.79)	0.611
Washoe – Region 2	9.58	(7.36 - 12.39)	9.98	(7.78 - 12.70)	0.700
New Hampshire	10.92 ^a	(9.62 - 12.37)	12.39	(11.03 - 13.88)	0.023
Central	11.67	(9.77 - 13.88)	12.86	(10.95 - 15.05)	0.168
Central 1	13.20	(10.63 - 16.27)	14.49	(11.73 - 17.77)	0.268
Central 2	10.18	(7.87 - 13.08)	11.26	(9.09 - 13.87)	0.299
Northern	12.40 ^a	(9.47 - 16.08)	14.86	(11.93 - 18.36)	0.047
Southern	10.22 ^b	(8.73 - 11.93)	11.61	(10.04 - 13.40)	0.051
Southern 1 (Rockingham)	9.04	(7.14 - 11.37)	9.26	(7.33 - 11.63)	0.778
Southern 2	10.96 ^a	(9.01 - 13.27)	13.08	(11.05 - 15.43)	0.025
New Jersey	6.01 ^a	(5.06 - 7.12)	7.02	(6.21 - 7.93)	0.022
Central	5.32 ^a	(4.02 - 7.01)	7.01	(5.67 - 8.65)	0.006
Metropolitan	5.56 ^a	(4.23 - 7.28)	6.73	(5.44 - 8.29)	0.042
Northern	6.19	(4.74 - 8.06)	6.78	(5.66 - 8.09)	0.367
Southern	6.99	(5.43 - 8.95)	7.76	(6.34 - 9.48)	0.249
New Mexico	9.61	(8.21 - 11.23)	10.68	(9.37 - 12.14)	0.118
Region 1	8.99	(6.82 - 11.76)	9.37	(7.37 - 11.84)	0.688
Region 2	8.76 ^a	(6.44 - 11.81)	12.82	(9.91 - 16.42)	0.000
Region 3 (Bernalillo)	12.00	(9.65 - 14.83)	11.83	(9.82 - 14.20)	0.876
Region 4	7.72 ^a	(5.72 - 10.35)	9.49	(7.27 - 12.28)	0.027
Region 5	8.15	(6.16 - 10.70)	9.35	(7.60 - 11.45)	0.119
Region 5a	--	(-- --)	10.10	(7.62 - 13.28)	--
Region 5b (Dona Ana)	--	(-- --)	8.67	(6.60 - 11.31)	--

See notes at end of table.

(continued)

Table 2 Marijuana Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
New York¹	8.59 ^a	(7.90 - 9.34)	9.64	(8.92 - 10.41)	0.004
Region 1: Long Island	8.94	(7.40 - 10.76)	8.84	(7.49 - 10.40)	0.882
Region 2: New York City	8.43 ^a	(7.46 - 9.50)	9.78	(8.79 - 10.87)	0.005
Region 2A: Bronx	7.05	(5.59 - 8.85)	7.62	(6.07 - 9.53)	0.402
Region 2B: Kings	--	(-- --)	10.56	(8.91 - 12.46)	--
Region 2C: New York	9.75 ^a	(7.82 - 12.08)	14.41	(11.99 - 17.23)	0.000
Region 2D: Queens	6.74	(5.32 - 8.49)	6.93	(5.61 - 8.52)	0.768
Region 2E: Richmond	--	(-- --)	8.99	(6.85 - 11.70)	--
Region 3: Mid-Hudson	--	(-- --)	8.55	(7.11 - 10.25)	--
Region 4: Capital Region	--	(-- --)	11.54	(9.42 - 14.06)	--
Region 5: Mohawk Valley	--	(-- --)	9.94	(7.56 - 12.96)	--
Region 6: North Country	--	(-- --)	10.41	(7.91 - 13.59)	--
Region 7: Tug Hill Seaway	--	(-- --)	8.32	(6.28 - 10.95)	--
Region 8: Central	--	(-- --)	10.32	(8.45 - 12.54)	--
Region 9: Southern Tier	--	(-- --)	9.97	(7.82 - 12.63)	--
Region 10: Finger Lakes	--	(-- --)	9.51	(7.69 - 11.71)	--
Region 11: Western	--	(-- --)	10.37	(8.70 - 12.32)	--
North Carolina	6.51 ^a	(5.52 - 7.67)	7.76	(6.91 - 8.71)	0.004
Alliance Behavioral Healthcare 1	6.91 ^a	(5.11 - 9.29)	8.78	(6.93 - 11.07)	0.010
Alliance Behavioral Healthcare 2	5.68 ^a	(4.07 - 7.89)	7.58	(5.82 - 9.82)	0.007
Cardinal Innovations Healthcare Solutions 1	6.29	(4.50 - 8.73)	7.06	(5.32 - 9.30)	0.272
Cardinal Innovations Healthcare Solutions 2	6.59	(4.86 - 8.88)	7.06	(5.38 - 9.21)	0.475
Cardinal Innovations Healthcare Solutions 3	7.22 ^a	(5.23 - 9.89)	9.30	(7.39 - 11.65)	0.015
CenterPoint Human Services	5.98 ^a	(4.31 - 8.23)	7.78	(5.90 - 10.20)	0.005
Eastpointe	5.19	(3.72 - 7.19)	6.02	(4.58 - 7.87)	0.154
Partners Behavioral Health Management	6.64	(4.84 - 9.05)	7.29	(5.60 - 9.44)	0.351
Sandhills Center 1	6.19	(4.29 - 8.85)	6.93	(5.16 - 9.25)	0.252
Sandhills Center 2	7.27 ^a	(5.31 - 9.89)	9.13	(6.93 - 11.94)	0.011
Smoky Mountain Center 1	6.81	(4.86 - 9.47)	7.96	(6.07 - 10.38)	0.111
Smoky Mountain Center 2	6.43	(4.49 - 9.12)	6.64	(4.92 - 8.90)	0.754
Trillium Health Resources 1	6.69 ^b	(4.80 - 9.24)	8.01	(6.24 - 10.23)	0.070
Trillium Health Resources 2	7.68 ^b	(5.51 - 10.60)	9.10	(6.94 - 11.85)	0.054

See notes at end of table.

(continued)

Table 2 *Marijuana Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
North Dakota	5.58	(4.72 - 6.59)	5.71	(4.88 - 6.67)	0.736
Badlands and West Central	4.93	(3.75 - 6.45)	5.54	(4.41 - 6.93)	0.201
Badlands	--	(-- --)	4.86	(3.48 - 6.75)	--
West Central	--	(-- --)	5.73	(4.44 - 7.38)	--
Lake Region	4.14	(2.85 - 5.99)	4.35	(3.03 - 6.20)	0.651
North Central	5.67	(4.16 - 7.69)	5.62	(4.20 - 7.49)	0.931
Northeast	7.27	(5.56 - 9.44)	6.89	(5.31 - 8.88)	0.565
Northwest	5.81	(3.98 - 8.39)	5.13	(3.61 - 7.25)	0.242
South Central	4.67	(3.24 - 6.70)	4.59	(3.26 - 6.42)	0.853
Southeast	5.91	(4.65 - 7.49)	6.09	(4.89 - 7.57)	0.746
Ohio	7.37 ^a	(6.74 - 8.05)	8.14	(7.42 - 8.92)	0.035
Boards 2, 46, 55, and 68	6.30	(4.65 - 8.49)	6.59	(4.94 - 8.73)	0.662
Boards 3, 52, and 85	6.06	(4.53 - 8.07)	6.95	(5.19 - 9.27)	0.134
Boards 4 and 78	7.29	(5.35 - 9.86)	6.56	(4.87 - 8.78)	0.319
Boards 5 and 60	8.83	(6.84 - 11.34)	8.66	(6.62 - 11.24)	0.826
Boards 7, 15, 41, 79, and 84	5.67	(4.23 - 7.57)	6.30	(4.60 - 8.57)	0.339
Boards 8, 13, and 83	5.57	(4.18 - 7.37)	6.36	(4.74 - 8.49)	0.164
Board 9 (Butler)	7.20 ^a	(5.43 - 9.49)	8.74	(6.79 - 11.18)	0.027
Board 12	7.28	(5.44 - 9.67)	8.06	(6.10 - 10.59)	0.250
Boards 18 and 47	7.10 ^a	(5.87 - 8.57)	8.65	(7.15 - 10.43)	0.025
Boards 20, 32, 54, and 69	5.70	(4.22 - 7.66)	6.36	(4.81 - 8.37)	0.278
Boards 21, 39, 51, 70, and 80	5.49 ^a	(4.18 - 7.19)	7.05	(5.34 - 9.24)	0.013
Boards 22, 74, and 87	6.48	(4.83 - 8.64)	7.60	(5.81 - 9.88)	0.103
Boards 23 and 45	6.95	(5.28 - 9.08)	7.10	(5.38 - 9.33)	0.812
Board 25 (Franklin)	10.61	(8.76 - 12.81)	9.95	(8.22 - 12.01)	0.462
Boards 27, 71, and 73	7.34	(5.47 - 9.77)	8.51	(6.45 - 11.13)	0.156
Boards 28, 43, and 67	6.75	(5.26 - 8.63)	6.70	(5.07 - 8.81)	0.935
Board 31 (Hamilton)	8.37 ^b	(6.62 - 10.53)	9.81	(7.89 - 12.14)	0.092
Board 48 (Lucas)	8.12 ^a	(6.12 - 10.69)	10.05	(7.76 - 12.92)	0.021
Boards 50 and 76	6.62 ^a	(5.12 - 8.52)	8.24	(6.47 - 10.43)	0.025
Board 57 (Montgomery)	7.20	(5.47 - 9.42)	8.20	(6.37 - 10.50)	0.168
Board 77 (Summit)	8.81	(6.79 - 11.35)	8.61	(6.67 - 11.06)	0.823
Oklahoma	6.08	(5.08 - 7.27)	5.90	(5.00 - 6.96)	0.669
Central	6.50 ^a	(4.82 - 8.71)	5.39	(4.00 - 7.21)	0.048
East Central	5.16	(3.67 - 7.21)	4.54	(3.27 - 6.28)	0.250
Northeast	5.42	(3.94 - 7.41)	5.82	(4.33 - 7.78)	0.492
Northwest and Southwest	6.07	(4.39 - 8.34)	5.69	(4.20 - 7.68)	0.522
Oklahoma County	7.02	(5.29 - 9.26)	7.02	(5.39 - 9.10)	0.997
Southeast	4.32	(3.04 - 6.10)	4.81	(3.47 - 6.62)	0.349
Tulsa County	7.32	(5.43 - 9.79)	7.11	(5.46 - 9.21)	0.780

See notes at end of table.

(continued)

Table 2 Marijuana Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Oregon	12.19 ^a	(10.69 - 13.87)	14.71	(13.23 - 16.32)	0.001
Region 1 (Multnomah)	13.32 ^a	(10.57 - 16.64)	19.79	(16.75 - 23.22)	0.000
Region 2	12.56	(10.02 - 15.62)	12.03	(9.96 - 14.46)	0.639
Region 3	12.03 ^a	(9.83 - 14.64)	14.57	(12.33 - 17.14)	0.026
Region 4	11.79 ^b	(8.83 - 15.58)	14.26	(11.47 - 17.60)	0.099
Region 5 (Central)	10.65	(7.65 - 14.64)	11.95	(8.77 - 16.07)	0.272
Region 6 (Eastern)	10.23 ^a	(7.22 - 14.28)	12.74	(9.66 - 16.62)	0.045
Pennsylvania	6.84 ^a	(6.24 - 7.49)	8.12	(7.41 - 8.88)	0.000
Region 1 (Allegheny)	7.91 ^a	(6.43 - 9.70)	9.63	(7.77 - 11.87)	0.023
Regions 3, 8, 9, and 51	6.82 ^b	(5.42 - 8.55)	7.99	(6.30 - 10.09)	0.072
Regions 4, 11, 37, and 49	6.34	(4.95 - 8.10)	7.02	(5.40 - 9.06)	0.283
Regions 5, 18, 23, 24, and 46	5.30	(4.08 - 6.87)	5.80	(4.54 - 7.38)	0.327
Regions 6, 12, 16, 31, 35, 45, and 47	6.96 ^a	(5.57 - 8.68)	8.65	(6.88 - 10.83)	0.007
Regions 7, 13, 20, and 33	6.70 ^b	(5.58 - 8.02)	7.73	(6.53 - 9.13)	0.065
Regions 10, 15, 27, 32, 43, and 44	5.57	(4.19 - 7.37)	6.03	(4.44 - 8.13)	0.419
Regions 17 and 21	6.20 ^b	(4.67 - 8.19)	7.24	(5.41 - 9.62)	0.100
Regions 19, 26, 28, and 42	5.50 ^b	(4.48 - 6.75)	6.39	(5.19 - 7.85)	0.066
Regions 22, 38, 40, 41, and 48	4.27 ^a	(3.23 - 5.64)	5.48	(4.17 - 7.17)	0.013
Regions 29 and 34	7.41	(5.63 - 9.70)	7.19	(5.55 - 9.26)	0.730
Regions 30 and 50	6.44	(4.91 - 8.39)	7.10	(5.40 - 9.27)	0.300
Region 36 (Philadelphia)	10.44 ^a	(8.66 - 12.53)	13.94	(11.61 - 16.65)	0.000
Rhode Island	13.47	(11.94 - 15.16)	14.38	(12.86 - 16.04)	0.228
Region 1: Southern Providence County	--	(-- --)	13.91	(11.22 - 17.11)	--
Region 2: Northern Providence County/Blackstone Valley	--	(-- --)	12.99	(10.51 - 15.94)	--
Region 3: Providence	--	(-- --)	16.84	(13.59 - 20.69)	--
Region 4: Kent County	--	(-- --)	12.30	(9.81 - 15.32)	--
Region 5: East Bay	--	(-- --)	16.80	(13.43 - 20.80)	--
Region 6: Newport County	--	(-- --)	14.01	(10.84 - 17.93)	--
Region 7: South County	--	(-- --)	15.22	(12.36 - 18.60)	--
South Carolina	7.02	(5.97 - 8.24)	7.05	(6.14 - 8.08)	0.952
Region 1	6.98	(5.38 - 9.01)	6.19	(4.92 - 7.75)	0.171
Region 2	7.10	(5.53 - 9.08)	8.08	(6.54 - 9.95)	0.124
Region 3	6.99	(5.24 - 9.27)	6.35	(4.85 - 8.28)	0.286
Region 4	7.01	(5.48 - 8.93)	7.55	(6.06 - 9.37)	0.387
South Dakota	5.14 ^a	(4.28 - 6.16)	7.10	(6.14 - 8.19)	0.000
Region 1	5.46 ^a	(4.08 - 7.26)	8.89	(7.14 - 11.03)	0.000
Region 2	5.29	(3.63 - 7.65)	6.35	(4.60 - 8.71)	0.118
Region 3	4.79 ^a	(3.63 - 6.29)	6.22	(4.88 - 7.91)	0.007
Region 4	5.41 ^a	(3.95 - 7.35)	7.65	(5.91 - 9.85)	0.001
Region 5	4.97 ^a	(3.79 - 6.49)	6.24	(4.91 - 7.90)	0.029

See notes at end of table.

(continued)

Table 2 Marijuana Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Tennessee	5.29 ^a	(4.40 - 6.35)	6.99	(5.97 - 8.16)	0.000
Region 1	4.75 ^b	(3.32 - 6.76)	5.77	(4.20 - 7.89)	0.077
Region 2	4.76 ^a	(3.49 - 6.46)	6.29	(4.80 - 8.20)	0.007
Region 3	4.77 ^a	(3.49 - 6.48)	5.91	(4.49 - 7.74)	0.034
Region 4 (Davidson)	6.00 ^a	(4.33 - 8.25)	9.61	(7.20 - 12.73)	0.000
Region 5	6.12 ^a	(4.61 - 8.09)	7.86	(6.15 - 10.00)	0.017
Region 6	4.69 ^a	(3.36 - 6.51)	6.16	(4.50 - 8.38)	0.007
Region 7 (Shelby)	5.36 ^a	(3.91 - 7.29)	6.97	(5.24 - 9.21)	0.016
Texas	5.62 ^b	(5.13 - 6.16)	6.06	(5.52 - 6.64)	0.093
Region 1	6.08	(4.64 - 7.93)	5.96	(4.51 - 7.82)	0.802
Region 2	6.40	(4.70 - 8.67)	7.30	(5.49 - 9.64)	0.143
Region 3	5.67	(4.90 - 6.55)	5.83	(5.09 - 6.68)	0.630
Region 3a	5.48	(4.55 - 6.58)	5.63	(4.73 - 6.68)	0.719
Region 3bc	6.00	(4.87 - 7.37)	6.20	(5.06 - 7.57)	0.681
Region 4	5.17	(3.88 - 6.84)	5.65	(4.37 - 7.27)	0.318
Region 5	5.98 ^a	(4.51 - 7.89)	7.06	(5.36 - 9.25)	0.044
Region 6	5.15 ^a	(4.35 - 6.09)	5.98	(5.09 - 7.02)	0.030
Region 6a	5.02 ^a	(4.17 - 6.03)	5.99	(5.04 - 7.11)	0.017
Region 6bc	6.24	(4.60 - 8.42)	5.88	(4.35 - 7.90)	0.518
Region 7	7.44 ^b	(6.25 - 8.83)	8.41	(7.12 - 9.92)	0.080
Region 7a	8.37	(6.73 - 10.35)	9.04	(7.34 - 11.08)	0.376
Region 7bcd	5.84 ^a	(4.56 - 7.44)	7.31	(5.76 - 9.25)	0.008
Region 8	5.93	(4.78 - 7.34)	5.27	(4.24 - 6.54)	0.151
Region 9	6.08	(4.50 - 8.17)	6.84	(5.09 - 9.13)	0.166
Region 10	4.23 ^b	(3.25 - 5.49)	4.98	(3.73 - 6.63)	0.051
Region 11	3.93	(3.16 - 4.87)	4.26	(3.44 - 5.28)	0.309
Region 11abd	4.18	(3.20 - 5.45)	4.22	(3.23 - 5.50)	0.910
Region 11c (Hidalgo)	3.49 ^a	(2.59 - 4.68)	4.33	(3.19 - 5.85)	0.028
Utah	5.39	(4.53 - 6.41)	5.30	(4.52 - 6.21)	0.822
Bear River, Northeastern, Summit, Tooele, and Wasatch	4.49	(3.26 - 6.16)	5.20	(3.77 - 7.14)	0.147
Central, Four Corners, San Juan, and Southwest	4.89	(3.45 - 6.89)	4.54	(3.44 - 5.96)	0.424
Central, Four Corners, and San Juan	--	(-- - --)	4.38	(3.06 - 6.22)	--
Southwest	--	(-- - --)	4.63	(3.29 - 6.50)	--
Davis County	4.72	(3.38 - 6.56)	4.63	(3.27 - 6.53)	0.853
Salt Lake County	6.61	(5.25 - 8.29)	6.50	(5.32 - 7.93)	0.863
Utah County	4.39	(3.24 - 5.92)	4.32	(3.22 - 5.77)	0.873
Weber, Morgan	4.89	(3.43 - 6.93)	4.19	(3.00 - 5.81)	0.144
Vermont	13.01 ^a	(11.46 - 14.73)	16.25	(14.63 - 18.01)	0.000
Champlain Valley	13.87 ^a	(11.82 - 16.20)	17.86	(15.58 - 20.40)	0.000
Rural Northeast	12.68 ^a	(10.03 - 15.91)	16.60	(13.63 - 20.08)	0.004
Rural Southeast	13.01	(10.21 - 16.44)	14.46	(11.81 - 17.59)	0.251
Rural Southwest	11.31 ^a	(8.66 - 14.65)	13.92	(11.12 - 17.29)	0.032

See notes at end of table.

(continued)

Table 2 *Marijuana Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Virginia	6.40	(5.45 - 7.50)	6.58	(5.84 - 7.40)	0.660
Region 1	7.80 ^b	(5.97 - 10.12)	6.69	(5.32 - 8.37)	0.091
Region 2	5.04	(3.81 - 6.63)	5.16	(4.14 - 6.40)	0.830
Region 3	6.83	(5.25 - 8.84)	6.81	(5.46 - 8.47)	0.969
Region 4	6.15 ^a	(4.64 - 8.11)	7.51	(6.03 - 9.31)	0.046
Region 5	6.99	(5.42 - 8.96)	7.45	(6.10 - 9.05)	0.501
Washington¹	12.74	(11.26 - 14.40)	12.22	(10.76 - 13.83)	0.473
Region 1	10.53	(8.45 - 13.04)	11.49	(9.36 - 14.04)	0.251
Greater Columbia and North Central	8.90	(6.68 - 11.77)	9.89	(7.61 - 12.76)	0.276
Spokane	12.89	(9.75 - 16.86)	13.85	(10.56 - 17.96)	0.448
Region 2	14.31 ^a	(12.29 - 16.58)	12.32	(10.51 - 14.40)	0.039
King	12.74	(10.45 - 15.44)	12.03	(9.93 - 14.51)	0.512
North Sound	17.06 ^a	(13.70 - 21.04)	12.84	(10.14 - 16.11)	0.003
Region 3	12.01	(10.06 - 14.28)	12.55	(10.62 - 14.77)	0.529
Pierce	12.23	(9.33 - 15.85)	13.67	(10.94 - 16.95)	0.255
Salish	12.91	(9.35 - 17.56)	11.99	(8.85 - 16.05)	0.475
SW WA and Great Rivers	10.74	(8.17 - 14.01)	11.66	(8.82 - 15.27)	0.388
Thurston-Mason	13.27	(9.65 - 17.99)	12.35	(8.99 - 16.73)	0.445
West Virginia	5.76 ^a	(4.84 - 6.84)	6.87	(5.91 - 7.97)	0.008
Region I	4.89 ^b	(3.37 - 7.04)	5.90	(4.16 - 8.30)	0.077
Region II	5.89	(4.29 - 8.04)	6.48	(4.88 - 8.54)	0.326
Region III	4.45 ^a	(3.03 - 6.48)	6.28	(4.55 - 8.60)	0.002
Region IV	7.17	(5.61 - 9.11)	8.05	(6.46 - 10.00)	0.175
Region V	5.77 ^a	(4.40 - 7.52)	7.66	(6.05 - 9.65)	0.005
Region VI	4.98	(3.66 - 6.73)	5.24	(3.95 - 6.93)	0.644
Wisconsin	6.63	(5.62 - 7.79)	7.33	(6.33 - 8.48)	0.105
Milwaukee	7.69	(5.78 - 10.16)	8.56	(6.63 - 10.97)	0.282
Northeastern	5.53	(4.15 - 7.32)	5.91	(4.52 - 7.70)	0.479
Northern	5.12 ^a	(3.63 - 7.18)	6.39	(4.68 - 8.68)	0.038
Southeastern	6.45	(4.86 - 8.51)	6.84	(5.28 - 8.80)	0.542
Southern	7.49	(5.72 - 9.73)	8.46	(6.70 - 10.64)	0.184
Western	7.12	(5.36 - 9.39)	7.86	(6.01 - 10.21)	0.275

See notes at end of table.

(continued)

Table 2 Marijuana Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Wyoming	6.26	(5.26 - 7.43)	6.46	(5.49 - 7.59)	0.638
Judicial District 1 (Laramie)	6.58	(4.84 - 8.88)	7.19	(5.51 - 9.34)	0.379
Judicial District 2	8.84	(6.69 - 11.59)	8.66	(6.69 - 11.14)	0.828
Judicial District 3	5.06	(3.68 - 6.93)	5.32	(3.90 - 7.24)	0.650
Judicial District 4	6.14	(4.26 - 8.78)	5.70	(4.00 - 8.04)	0.497
Judicial District 5	5.13	(3.59 - 7.28)	4.52	(3.19 - 6.36)	0.240
Judicial District 6	5.07	(3.65 - 7.01)	5.69	(4.18 - 7.69)	0.273
Judicial District 7 (Natrona)	6.01	(4.37 - 8.20)	6.73	(5.02 - 8.96)	0.280
Judicial District 8	5.29	(3.71 - 7.48)	5.78	(4.14 - 8.02)	0.402
Judicial District 9	7.88	(5.64 - 10.89)	7.69	(5.76 - 10.19)	0.832

SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2012-2014 and 2014-2016); hence, the 2012-2014 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

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 significance levels for the null hypothesis of no change between the 2012-2014 and 2014-2016 population percentages. The "Total U.S." estimates, along with the 95 percent confidence intervals and the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2012-2014 and 2014-2016 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2012-2014 and 2014-2016 population percentages 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 (2012-2014 vs. 2014-2016). For details, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012-2016.

Table 3 Cocaine Use in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Total United States	1.70 ^a	(1.62 - 1.79)	1.80	(1.72 - 1.88)	0.043
Northeast	1.99 ^a	(1.80 - 2.21)	2.25	(2.06 - 2.45)	0.015
Midwest	1.40	(1.28 - 1.54)	1.43	(1.30 - 1.57)	0.703
South	1.53	(1.41 - 1.66)	1.53	(1.42 - 1.65)	0.982
West	2.02 ^a	(1.82 - 2.24)	2.23	(2.05 - 2.42)	0.050
Alabama	1.22	(0.85 - 1.74)	1.19	(0.85 - 1.66)	0.819
Region 1	1.12	(0.69 - 1.83)	0.87	(0.53 - 1.42)	0.125
Region 2	1.55	(0.97 - 2.46)	1.69	(1.07 - 2.66)	0.572
Region 3	0.96	(0.56 - 1.65)	1.09	(0.62 - 1.89)	0.481
Region 4	1.08	(0.64 - 1.81)	0.95	(0.53 - 1.67)	0.477
Alaska	1.65 ^a	(1.23 - 2.22)	2.13	(1.66 - 2.74)	0.021
Anchorage	1.76 ^a	(1.22 - 2.55)	2.37	(1.73 - 3.25)	0.038
Northern	1.42	(0.88 - 2.29)	1.75	(1.12 - 2.72)	0.180
South Central	1.66 ^b	(1.05 - 2.63)	2.22	(1.46 - 3.37)	0.068
Southeast	1.66	(1.01 - 2.72)	1.81	(1.09 - 3.00)	0.602
Arizona¹	2.19	(1.65 - 2.91)	2.19	(1.71 - 2.80)	0.994
Central	2.19	(1.55 - 3.07)	2.11	(1.57 - 2.84)	0.813
North	--	(-- --)	2.21	(1.35 - 3.58)	--
South	--	(-- --)	2.34	(1.62 - 3.38)	--
South A	2.58	(1.63 - 4.07)	2.86	(1.85 - 4.40)	0.517
South B	--	(-- --)	1.72	(1.01 - 2.89)	--
Arkansas	1.26	(0.90 - 1.77)	1.13	(0.81 - 1.57)	0.313
Catchment Area 1	1.26	(0.78 - 2.04)	1.04	(0.61 - 1.78)	0.262
Catchment Area 2	1.04	(0.60 - 1.79)	0.89	(0.50 - 1.58)	0.384
Catchment Area 3	1.09	(0.63 - 1.88)	1.05	(0.60 - 1.84)	0.849
Catchment Area 4	1.19	(0.70 - 2.02)	0.93	(0.53 - 1.63)	0.167
Catchment Area 5	1.58	(0.96 - 2.58)	1.22	(0.72 - 2.08)	0.110
Catchment Area 6	1.50	(0.84 - 2.65)	1.27	(0.69 - 2.33)	0.394
Catchment Area 7	1.05	(0.59 - 1.86)	1.04	(0.56 - 1.93)	0.978
Catchment Area 8	1.32	(0.76 - 2.27)	1.41	(0.85 - 2.34)	0.684

See notes at end of table.

(continued)

Table 3 Cocaine Use in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
California	2.12 ^a	(1.82 - 2.46)	2.44	(2.16 - 2.74)	0.049
Region 1R	2.26	(1.49 - 3.42)	2.49	(1.61 - 3.81)	0.543
Region 2R	2.25	(1.50 - 3.35)	2.48	(1.66 - 3.69)	0.506
Region 3R (Sacramento)	1.91	(1.27 - 2.86)	2.20	(1.47 - 3.28)	0.324
Region 4R	1.79 ^b	(1.20 - 2.67)	2.32	(1.55 - 3.48)	0.089
Region 5R (San Francisco)	3.66 ^a	(2.33 - 5.69)	5.35	(3.58 - 7.92)	0.013
Region 6 (Santa Clara)	1.37	(0.87 - 2.15)	1.69	(1.16 - 2.46)	0.193
Region 7R (Contra Costa)	1.88	(1.21 - 2.92)	2.26	(1.51 - 3.38)	0.216
Region 8R (Alameda)	2.22	(1.48 - 3.32)	2.72	(1.86 - 3.97)	0.165
Region 9R (San Mateo)	1.46 ^a	(0.90 - 2.36)	2.15	(1.38 - 3.33)	0.009
Region 10	3.00	(2.01 - 4.45)	3.48	(2.36 - 5.09)	0.263
Region 11 (Los Angeles)	2.17 ^b	(1.77 - 2.65)	2.52	(2.12 - 3.00)	0.073
LA SPA 1 and 5	2.32	(1.49 - 3.59)	2.90	(1.92 - 4.34)	0.131
LA SPA 2	2.24	(1.53 - 3.27)	2.34	(1.63 - 3.34)	0.773
LA SPA 3	1.78	(1.17 - 2.69)	1.86	(1.24 - 2.79)	0.749
LA SPA 4	3.32 ^a	(2.14 - 5.11)	4.47	(3.06 - 6.47)	0.041
LA SPA 6	1.97	(1.26 - 3.07)	2.38	(1.52 - 3.71)	0.248
LA SPA 7	1.88	(1.29 - 2.73)	1.89	(1.23 - 2.90)	0.962
LA SPA 8	1.89 ^b	(1.26 - 2.81)	2.40	(1.64 - 3.49)	0.088
Region 12R	1.89	(1.20 - 2.99)	2.06	(1.27 - 3.34)	0.574
Regions 13 and 19R	1.93	(1.32 - 2.81)	1.69	(1.18 - 2.40)	0.349
Region 14 (Orange)	2.26	(1.60 - 3.20)	2.35	(1.67 - 3.30)	0.788
Region 15R (Fresno)	1.93	(1.24 - 3.00)	2.06	(1.32 - 3.18)	0.673
Region 16R (San Diego)	2.04 ^a	(1.42 - 2.94)	2.96	(2.21 - 3.96)	0.009
Region 17R	2.26	(1.50 - 3.37)	1.91	(1.30 - 2.78)	0.279
Region 18R (San Bernardino)	1.94	(1.32 - 2.85)	1.85	(1.23 - 2.76)	0.744
Region 20R	2.13	(1.38 - 3.28)	2.12	(1.35 - 3.33)	0.970
Region 21R	2.19	(1.44 - 3.31)	2.73	(1.79 - 4.16)	0.117
Colorado	2.83	(2.19 - 3.66)	2.54	(2.02 - 3.19)	0.294
Region 1	--	(-- --)	2.52	(1.66 - 3.80)	--
Region 2	--	(-- --)	2.17	(1.31 - 3.57)	--
Region 3	--	(-- --)	2.46	(1.69 - 3.56)	--
Region 4	--	(-- --)	1.91	(1.15 - 3.14)	--
Region 5	--	(-- --)	3.67	(2.45 - 5.46)	--
Region 6	--	(-- --)	2.79	(1.84 - 4.21)	--
Region 7	--	(-- --)	1.88	(1.15 - 3.05)	--
Connecticut	1.94 ^b	(1.46 - 2.57)	2.39	(1.88 - 3.03)	0.082
Eastern	1.96	(1.25 - 3.07)	2.46	(1.56 - 3.87)	0.192
North Central	2.34	(1.56 - 3.52)	2.74	(1.88 - 3.97)	0.336
Northwestern	1.56 ^a	(0.96 - 2.51)	2.26	(1.47 - 3.46)	0.029
South Central	1.72	(1.09 - 2.69)	2.25	(1.51 - 3.34)	0.121
Southwest	1.95	(1.23 - 3.08)	2.13	(1.38 - 3.29)	0.593

See notes at end of table.

(continued)

Table 3 Cocaine Use in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Delaware	1.79	(1.33 - 2.42)	2.00	(1.55 - 2.59)	0.331
Kent	1.52	(0.92 - 2.51)	1.68	(1.03 - 2.73)	0.556
New Castle (excluding Wilmington City)	1.95	(1.36 - 2.78)	2.24	(1.66 - 3.03)	0.329
Sussex	1.48	(0.91 - 2.41)	1.62	(0.98 - 2.67)	0.567
Wilmington City	2.30	(1.29 - 4.07)	2.26	(1.27 - 3.99)	0.914
District of Columbia	3.22	(2.48 - 4.17)	3.44	(2.71 - 4.36)	0.545
Ward 1	3.87	(2.49 - 5.98)	3.74	(2.39 - 5.81)	0.839
Ward 2	4.82	(3.12 - 7.37)	5.14	(3.43 - 7.64)	0.691
Ward 3	3.25	(2.12 - 4.94)	3.13	(2.03 - 4.81)	0.827
Ward 4	2.95	(1.81 - 4.77)	2.93	(1.75 - 4.86)	0.961
Ward 5	2.81	(1.78 - 4.41)	3.54	(2.16 - 5.75)	0.187
Ward 6	2.96	(1.83 - 4.76)	2.87	(1.85 - 4.41)	0.855
Ward 7	2.35 ^b	(1.31 - 4.17)	3.37	(2.01 - 5.62)	0.075
Ward 8	2.53	(1.49 - 4.24)	2.67	(1.55 - 4.58)	0.792
Florida	2.00	(1.69 - 2.38)	1.79	(1.52 - 2.11)	0.151
Broward (Circuit 17)	1.95	(1.31 - 2.89)	1.82	(1.21 - 2.73)	0.626
Central I	2.35	(1.77 - 3.11)	2.07	(1.56 - 2.75)	0.237
Circuit 9	2.27	(1.57 - 3.27)	2.08	(1.45 - 2.98)	0.506
Circuit 18	2.47	(1.68 - 3.61)	2.06	(1.33 - 3.18)	0.185
Central II	1.98	(1.57 - 2.49)	1.72	(1.35 - 2.17)	0.147
Circuit 6	2.17	(1.45 - 3.24)	1.74	(1.15 - 2.61)	0.137
Circuit 10	1.68	(1.04 - 2.68)	1.64	(1.03 - 2.59)	0.886
Circuit 12	1.85	(1.22 - 2.80)	1.63	(1.02 - 2.62)	0.412
Circuit 13 (Hillsborough)	1.83	(1.23 - 2.72)	1.92	(1.29 - 2.83)	0.742
Circuit 20	2.17 ^a	(1.41 - 3.35)	1.58	(0.99 - 2.51)	0.037
Northeast	2.03 ^b	(1.56 - 2.64)	1.68	(1.28 - 2.21)	0.068
Circuit 4	2.19	(1.42 - 3.36)	1.68	(1.04 - 2.70)	0.104
Circuit 5	1.65	(1.06 - 2.55)	1.28	(0.78 - 2.10)	0.103
Circuit 7	2.17	(1.41 - 3.33)	2.08	(1.34 - 3.22)	0.769
Circuit 8 plus Columbia, Dixie, Hamilton, Lafayette, and Suwannee	2.25	(1.48 - 3.40)	1.84	(1.11 - 3.03)	0.210
Northwest	2.40	(1.76 - 3.25)	2.35	(1.76 - 3.12)	0.845
Circuit 1	2.44	(1.56 - 3.81)	2.43	(1.62 - 3.62)	0.967
Circuit 2 plus Madison and Taylor	2.66	(1.72 - 4.08)	2.50	(1.63 - 3.82)	0.688
Circuit 14	1.90	(1.13 - 3.17)	1.92	(1.13 - 3.25)	0.946
South (Circuits 11 and 16)	1.55	(1.08 - 2.23)	1.35	(0.91 - 2.00)	0.332
Southeast	1.97	(1.42 - 2.73)	1.97	(1.41 - 2.73)	0.981
Circuit 15 (Palm Beach)	2.07	(1.40 - 3.05)	2.14	(1.44 - 3.17)	0.817
Circuit 19	1.76	(1.09 - 2.83)	1.60	(0.97 - 2.61)	0.532

See notes at end of table.

(continued)

Table 3 Cocaine Use in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Georgia	1.70	(1.25 - 2.31)	1.73	(1.35 - 2.21)	0.887
Region 1	1.33	(0.84 - 2.12)	1.28	(0.85 - 1.92)	0.815
Region 2	1.81	(1.10 - 2.97)	1.44	(0.89 - 2.34)	0.214
Region 3	2.15	(1.36 - 3.37)	2.70	(1.90 - 3.83)	0.200
Region 4	1.68	(0.96 - 2.92)	1.66	(0.95 - 2.90)	0.953
Region 5	1.53	(0.90 - 2.57)	1.29	(0.78 - 2.13)	0.352
Region 6	1.46	(0.86 - 2.46)	1.13	(0.68 - 1.89)	0.168
Hawaii	1.67	(1.18 - 2.34)	2.00	(1.53 - 2.60)	0.173
Hawaii Island	1.53	(0.88 - 2.67)	1.94	(1.17 - 3.19)	0.211
Honolulu	1.75	(1.19 - 2.57)	1.89	(1.39 - 2.56)	0.625
Kauai	1.49 ^a	(0.84 - 2.65)	2.47	(1.40 - 4.32)	0.004
Maui	1.39 ^a	(0.80 - 2.40)	2.55	(1.55 - 4.16)	0.001
Idaho	1.09	(0.78 - 1.51)	1.15	(0.85 - 1.57)	0.592
Region 1	0.87	(0.49 - 1.52)	1.10	(0.62 - 1.93)	0.192
Region 2	1.19	(0.70 - 2.03)	1.49	(0.86 - 2.57)	0.164
Region 3	0.99	(0.60 - 1.65)	0.79	(0.46 - 1.37)	0.213
Region 4	1.30	(0.83 - 2.02)	1.51	(1.00 - 2.28)	0.328
Region 5	0.94	(0.56 - 1.58)	0.85	(0.50 - 1.44)	0.548
Region 6	1.18	(0.68 - 2.02)	1.15	(0.65 - 2.04)	0.894
Region 7	1.00	(0.60 - 1.67)	0.98	(0.58 - 1.65)	0.915
Illinois	1.79	(1.49 - 2.15)	1.74	(1.43 - 2.12)	0.770
Region 1 (Cook)	2.05	(1.55 - 2.70)	1.92	(1.49 - 2.48)	0.583
Region 1.1 (Far North Side)	--	(-- --)	2.16	(1.31 - 3.53)	--
Region 1.2 (Northwest Side)	--	(-- --)	1.65	(0.98 - 2.76)	--
Region 1.3 (North Central Side)	--	(-- --)	3.29	(2.01 - 5.36)	--
Region 1.4 (West Side)	--	(-- --)	2.66	(1.60 - 4.39)	--
Region 1.5 (South Side)	--	(-- --)	2.51	(1.41 - 4.43)	--
Region 1.6 (Southwest Side)	--	(-- --)	1.76	(0.99 - 3.10)	--
Region 1.7 (Suburban Cook)	--	(-- --)	1.37	(0.92 - 2.04)	--
Region 2	1.56	(1.18 - 2.08)	1.52	(1.17 - 1.98)	0.818
Region 2a (DuPage)	--	(-- --)	1.54	(1.00 - 2.37)	--
Region 2b	--	(-- --)	1.52	(1.06 - 2.18)	--
Region 2c (Winnebago)	--	(-- --)	1.46	(0.84 - 2.53)	--
Region 2d	--	(-- --)	1.52	(0.94 - 2.44)	--
Region 3	1.73	(1.19 - 2.52)	1.84	(1.32 - 2.56)	0.688
Region 3a (Champaign)	--	(-- --)	2.94	(1.87 - 4.61)	--
Region 3b	--	(-- --)	1.65	(1.12 - 2.44)	--
Region 4	1.83	(1.21 - 2.77)	1.48	(0.99 - 2.22)	0.199
Region 4a (Sangamon)	--	(-- --)	1.55	(0.92 - 2.61)	--
Region 4b	--	(-- --)	1.46	(0.91 - 2.35)	--
Region 5	1.46	(0.95 - 2.24)	1.79	(1.25 - 2.54)	0.182
Region 5a	--	(-- --)	1.92	(1.20 - 3.07)	--
Region 5b	--	(-- --)	1.68	(1.06 - 2.66)	--

See notes at end of table.

(continued)

Table 3 Cocaine Use in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Indiana	1.31	(0.97 - 1.78)	1.17	(0.86 - 1.60)	0.287
Central	1.41	(0.90 - 2.21)	1.19	(0.74 - 1.90)	0.289
East	1.22	(0.72 - 2.07)	1.19	(0.69 - 2.02)	0.861
North Central	1.04	(0.63 - 1.73)	1.08	(0.62 - 1.88)	0.831
Northeast	1.17	(0.70 - 1.93)	1.16	(0.67 - 2.00)	0.964
Northwest	1.41	(0.85 - 2.32)	1.21	(0.70 - 2.10)	0.388
Southeast	1.21	(0.71 - 2.03)	1.04	(0.60 - 1.81)	0.393
Southwest	1.16	(0.67 - 2.01)	0.99	(0.56 - 1.73)	0.363
West	1.73	(1.10 - 2.73)	1.48	(0.88 - 2.48)	0.315
Iowa	1.27 ^b	(0.92 - 1.75)	1.05	(0.76 - 1.46)	0.093
Central	1.07	(0.64 - 1.80)	1.13	(0.67 - 1.88)	0.781
North Central	1.74 ^a	(1.06 - 2.84)	1.06	(0.61 - 1.84)	0.005
Northeast	1.36	(0.83 - 2.22)	1.20	(0.75 - 1.92)	0.456
Northwest	1.02	(0.59 - 1.78)	0.86	(0.50 - 1.49)	0.315
Southeast	1.38 ^b	(0.85 - 2.21)	1.04	(0.61 - 1.76)	0.091
Southwest	1.02	(0.59 - 1.74)	0.87	(0.48 - 1.55)	0.384
Kansas	1.33	(0.97 - 1.82)	1.16	(0.85 - 1.59)	0.264
Northeast	--	(-- --)	1.16	(0.78 - 1.73)	--
Northwest and North Central	--	(-- --)	1.38	(0.76 - 2.48)	--
South Central	--	(-- --)	1.05	(0.67 - 1.64)	--
Southeast	--	(-- --)	1.23	(0.69 - 2.20)	--
Southwest	--	(-- --)	1.30	(0.73 - 2.30)	--
Kentucky¹	1.52	(1.12 - 2.07)	1.57	(1.18 - 2.08)	0.785
Adanta, Cumberland River, and Lifeskills	1.44	(0.87 - 2.39)	1.45	(0.86 - 2.43)	0.973
Bluegrass, Comprehend, and North Key	1.56	(1.01 - 2.42)	1.60	(1.07 - 2.38)	0.874
Centerstone	1.72	(1.06 - 2.76)	1.86	(1.20 - 2.87)	0.613
Communicare and River Valley	1.35	(0.81 - 2.25)	1.48	(0.83 - 2.60)	0.624
Four Rivers and Pennyroyal	1.38	(0.80 - 2.36)	1.19	(0.67 - 2.09)	0.414
Kentucky River, Mountain, and Pathways	1.43	(0.87 - 2.37)	1.47	(0.86 - 2.51)	0.880
Louisiana	1.76	(1.28 - 2.41)	1.65	(1.22 - 2.24)	0.591
Regions 1 and 10	2.17	(1.38 - 3.41)	2.27	(1.45 - 3.54)	0.766
Region 1	2.64	(1.48 - 4.64)	3.06	(1.77 - 5.27)	0.417
Region 10 (Jefferson)	1.69	(0.99 - 2.87)	1.41	(0.81 - 2.47)	0.326
Regions 2 and 9	1.80	(1.12 - 2.88)	1.54	(0.98 - 2.42)	0.328
Region 3	1.56	(0.92 - 2.66)	1.51	(0.87 - 2.60)	0.832
Regions 4, 5, and 6	1.83	(1.16 - 2.86)	1.53	(0.92 - 2.54)	0.314
Regions 7 and 8	1.29	(0.77 - 2.14)	1.41	(0.83 - 2.39)	0.599

See notes at end of table.

(continued)

Table 3 Cocaine Use in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Maine	1.55	(1.15 - 2.09)	1.80	(1.38 - 2.34)	0.158
Aroostook/Downeast	1.46	(0.94 - 2.25)	1.58	(1.02 - 2.44)	0.574
Aroostook	1.47	(0.86 - 2.47)	1.59	(0.90 - 2.79)	0.649
Downeast	1.45	(0.85 - 2.48)	1.57	(0.90 - 2.73)	0.664
Central	1.38	(0.84 - 2.24)	1.45	(0.84 - 2.50)	0.750
Cumberland	1.95	(1.25 - 3.03)	2.36	(1.58 - 3.53)	0.214
Midcoast	1.23	(0.72 - 2.08)	1.48	(0.86 - 2.54)	0.288
Penquis	1.70	(1.07 - 2.68)	1.81	(1.11 - 2.96)	0.671
Western	1.67	(1.02 - 2.73)	1.74	(1.06 - 2.87)	0.786
York	1.22 ^a	(0.73 - 2.02)	1.73	(1.08 - 2.75)	0.036
Maryland	1.35	(0.97 - 1.89)	1.49	(1.10 - 2.01)	0.394
Anne Arundel	1.36	(0.80 - 2.30)	1.36	(0.78 - 2.39)	0.981
Baltimore City	2.03	(1.18 - 3.44)	2.67	(1.57 - 4.51)	0.164
Baltimore County	1.59	(0.94 - 2.69)	1.44	(0.84 - 2.43)	0.559
Montgomery	1.05	(0.61 - 1.81)	1.25	(0.75 - 2.07)	0.351
North Central	1.24	(0.71 - 2.15)	1.33	(0.78 - 2.25)	0.696
Northeast	1.46	(0.87 - 2.42)	1.51	(0.88 - 2.56)	0.843
Prince George's	1.05	(0.59 - 1.83)	1.39	(0.78 - 2.48)	0.124
South	1.27	(0.73 - 2.19)	1.30	(0.76 - 2.23)	0.888
West	1.36	(0.81 - 2.27)	1.30	(0.76 - 2.21)	0.805
Massachusetts	2.16 ^b	(1.66 - 2.81)	2.65	(2.11 - 3.31)	0.051
Boston	2.92 ^b	(1.89 - 4.49)	3.98	(2.62 - 6.00)	0.078
Central	2.00	(1.26 - 3.17)	2.35	(1.50 - 3.65)	0.310
Metrowest	1.93 ^b	(1.23 - 3.01)	2.61	(1.76 - 3.85)	0.064
Northeast	2.21	(1.45 - 3.35)	2.22	(1.50 - 3.27)	0.994
Southeast	1.92 ^b	(1.19 - 3.07)	2.53	(1.66 - 3.82)	0.095
Western	2.29	(1.45 - 3.59)	2.54	(1.59 - 4.04)	0.545
Michigan	1.08 ^b	(0.87 - 1.35)	1.32	(1.07 - 1.63)	0.053
Region 1	1.09	(0.68 - 1.74)	1.10	(0.63 - 1.91)	0.957
Region 2	0.85	(0.53 - 1.38)	1.01	(0.59 - 1.72)	0.329
Region 3	1.02	(0.68 - 1.52)	1.22	(0.80 - 1.87)	0.274
Region 4	0.95 ^b	(0.61 - 1.47)	1.28	(0.82 - 1.99)	0.079
Region 5	1.20	(0.84 - 1.70)	1.17	(0.80 - 1.71)	0.869
Region 6	1.10 ^a	(0.74 - 1.64)	1.55	(0.99 - 2.42)	0.023
Region 7	1.19 ^b	(0.77 - 1.83)	1.58	(1.03 - 2.42)	0.097
Region 8	0.81 ^a	(0.51 - 1.29)	1.25	(0.82 - 1.89)	0.012
Region 9	1.24	(0.78 - 1.98)	1.23	(0.78 - 1.92)	0.949
Region 10	1.25	(0.79 - 1.95)	1.56	(0.96 - 2.51)	0.195

See notes at end of table.

(continued)

Table 3 Cocaine Use in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Minnesota	1.22 ^a	(0.87 - 1.72)	1.55	(1.15 - 2.07)	0.037
Regions 1 and 2	1.13	(0.65 - 1.96)	1.40	(0.87 - 2.25)	0.202
Region 1	--	(-- --)	1.45	(0.80 - 2.61)	--
Region 2	--	(-- --)	1.37	(0.77 - 2.45)	--
Regions 3 and 4	1.09	(0.64 - 1.85)	1.19	(0.78 - 1.82)	0.581
Region 3	--	(-- --)	1.26	(0.69 - 2.28)	--
Region 4	--	(-- --)	1.16	(0.71 - 1.90)	--
Regions 5 and 6	1.21	(0.73 - 2.00)	1.25	(0.81 - 1.92)	0.845
Region 5	--	(-- --)	1.19	(0.70 - 2.01)	--
Region 6	--	(-- --)	1.30	(0.74 - 2.28)	--
Region 7	--	(-- --)	1.78	(1.28 - 2.48)	--
Region 7A (Hennepin)	1.51 ^a	(0.93 - 2.45)	2.57	(1.69 - 3.87)	0.002
Region 7B (Ramsey)	1.54	(0.88 - 2.67)	1.62	(0.95 - 2.75)	0.765
Region 7C	0.95	(0.57 - 1.59)	1.07	(0.66 - 1.75)	0.516
Mississippi	1.28	(0.89 - 1.84)	1.08	(0.74 - 1.56)	0.170
Region 1	1.32	(0.79 - 2.20)	1.20	(0.71 - 2.03)	0.589
Region 2	1.30	(0.70 - 2.41)	1.15	(0.62 - 2.11)	0.530
Region 3	1.35	(0.78 - 2.33)	1.19	(0.65 - 2.15)	0.480
Region 4	1.26	(0.71 - 2.22)	1.12	(0.62 - 2.02)	0.542
Region 5	1.18	(0.63 - 2.21)	0.96	(0.47 - 1.93)	0.311
Region 6	1.19	(0.69 - 2.07)	0.95	(0.52 - 1.73)	0.232
Region 7	1.27 ^a	(0.73 - 2.20)	0.83	(0.46 - 1.50)	0.026
Missouri	1.08	(0.75 - 1.54)	1.23	(0.91 - 1.66)	0.275
Central	1.20 ^a	(0.72 - 1.98)	1.68	(1.03 - 2.72)	0.032
Eastern	1.02 ^a	(0.65 - 1.59)	1.37	(0.92 - 2.03)	0.043
Eastern (St. Louis City and County)	1.03	(0.60 - 1.77)	1.32	(0.79 - 2.18)	0.176
Eastern (excluding St. Louis)	1.00 ^a	(0.58 - 1.71)	1.46	(0.88 - 2.41)	0.022
Northwest	1.14	(0.72 - 1.80)	1.09	(0.70 - 1.69)	0.749
Northwest (Jackson)	1.25	(0.71 - 2.21)	1.21	(0.69 - 2.08)	0.840
Northwest (excluding Jackson)	1.05	(0.61 - 1.78)	0.99	(0.57 - 1.72)	0.745
Southeast	0.94	(0.54 - 1.65)	0.96	(0.56 - 1.65)	0.920
Southwest	1.11	(0.65 - 1.89)	0.93	(0.54 - 1.59)	0.310
Montana	1.48	(1.10 - 2.01)	1.64	(1.26 - 2.13)	0.365
Region 1	1.21	(0.69 - 2.09)	1.42	(0.80 - 2.51)	0.356
Region 2	1.42	(0.87 - 2.32)	1.34	(0.83 - 2.17)	0.734
Region 3	1.10 ^b	(0.68 - 1.79)	1.47	(0.95 - 2.29)	0.073
Region 4	1.50	(0.95 - 2.36)	1.72	(1.15 - 2.56)	0.400
Region 5	1.82	(1.21 - 2.73)	1.89	(1.29 - 2.76)	0.823

See notes at end of table.

(continued)

Table 3 Cocaine Use in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Nebraska	1.27	(0.92 - 1.77)	1.43	(1.07 - 1.92)	0.320
Regions 1 and 2	1.14	(0.72 - 1.81)	1.17	(0.73 - 1.87)	0.863
Region 1	1.15	(0.66 - 1.99)	1.19	(0.66 - 2.13)	0.837
Region 2	1.13	(0.64 - 1.99)	1.15	(0.64 - 2.07)	0.932
Region 3	1.19	(0.72 - 1.96)	1.44	(0.85 - 2.42)	0.251
Region 4	1.02	(0.60 - 1.75)	0.97	(0.56 - 1.68)	0.753
Region 5	1.43	(0.89 - 2.27)	1.31	(0.80 - 2.13)	0.588
Region 6	1.31	(0.85 - 1.99)	1.69	(1.16 - 2.46)	0.103
Nevada	1.31 ^a	(0.93 - 1.85)	1.78	(1.33 - 2.38)	0.021
Clark – Region 1	1.16 ^a	(0.76 - 1.76)	1.67	(1.18 - 2.36)	0.027
Region 3	1.25	(0.78 - 1.97)	1.52	(0.94 - 2.48)	0.152
Capital District	1.37	(0.78 - 2.39)	1.65	(0.90 - 2.98)	0.299
Rural/Frontier	1.13	(0.63 - 2.01)	1.42	(0.78 - 2.57)	0.197
Washoe – Region 2	2.07	(1.29 - 3.30)	2.51	(1.64 - 3.81)	0.238
New Hampshire	2.26 ^a	(1.77 - 2.88)	2.89	(2.33 - 3.57)	0.009
Central	2.18	(1.60 - 2.98)	2.62	(1.94 - 3.53)	0.113
Central 1	2.19	(1.47 - 3.26)	2.43	(1.60 - 3.69)	0.480
Central 2	2.18 ^b	(1.46 - 3.24)	2.80	(1.93 - 4.06)	0.067
Northern	2.11	(1.39 - 3.20)	2.59	(1.67 - 4.00)	0.146
Southern	2.33 ^a	(1.75 - 3.10)	3.08	(2.39 - 3.98)	0.013
Southern 1 (Rockingham)	2.11	(1.42 - 3.11)	2.30	(1.54 - 3.41)	0.543
Southern 2	2.47 ^a	(1.75 - 3.48)	3.58	(2.65 - 4.82)	0.006
New Jersey	1.57	(1.15 - 2.15)	1.82	(1.45 - 2.27)	0.232
Central	1.51	(0.94 - 2.40)	1.80	(1.20 - 2.69)	0.288
Metropolitan	1.77	(1.11 - 2.79)	1.66	(1.09 - 2.53)	0.721
Northern	1.45	(0.92 - 2.28)	1.78	(1.28 - 2.48)	0.233
Southern	1.62	(1.03 - 2.55)	2.07	(1.42 - 3.00)	0.147
New Mexico	2.20	(1.63 - 2.96)	2.01	(1.54 - 2.62)	0.429
Region 1	1.79	(1.08 - 2.97)	1.91	(1.18 - 3.09)	0.713
Region 2	1.77	(1.04 - 3.00)	1.68	(1.02 - 2.75)	0.754
Region 3 (Bernalillo)	2.85	(1.93 - 4.19)	2.25	(1.56 - 3.23)	0.125
Region 4	1.67	(1.01 - 2.76)	1.91	(1.15 - 3.14)	0.446
Region 5	2.21	(1.42 - 3.43)	2.02	(1.38 - 2.96)	0.533
Region 5a	--	(-- --)	1.95	(1.15 - 3.27)	--
Region 5b (Dona Ana)	--	(-- --)	2.09	(1.30 - 3.36)	--

See notes at end of table.

(continued)

Table 3 Cocaine Use in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
New York¹	2.35	(1.98 - 2.78)	2.54	(2.20 - 2.92)	0.316
Region 1: Long Island	1.96	(1.40 - 2.75)	2.05	(1.49 - 2.81)	0.742
Region 2: New York City	2.60 ^b	(2.08 - 3.25)	3.05	(2.52 - 3.68)	0.092
Region 2A: Bronx	2.11	(1.35 - 3.28)	2.03	(1.31 - 3.14)	0.826
Region 2B: Kings	--	(-- - --)	3.26	(2.35 - 4.51)	--
Region 2C: New York	4.02 ^b	(2.79 - 5.77)	5.12	(3.81 - 6.86)	0.081
Region 2D: Queens	1.79	(1.18 - 2.73)	2.02	(1.38 - 2.94)	0.464
Region 2E: Richmond	--	(-- - --)	2.33	(1.48 - 3.66)	--
Region 3: Mid-Hudson	--	(-- - --)	1.77	(1.21 - 2.57)	--
Region 4: Capital Region	--	(-- - --)	2.64	(1.80 - 3.86)	--
Region 5: Mohawk Valley	--	(-- - --)	2.79	(1.72 - 4.50)	--
Region 6: North Country	--	(-- - --)	2.42	(1.50 - 3.90)	--
Region 7: Tug Hill Seaway	--	(-- - --)	1.89	(1.16 - 3.08)	--
Region 8: Central	--	(-- - --)	2.94	(2.05 - 4.21)	--
Region 9: Southern Tier	--	(-- - --)	3.00	(1.94 - 4.62)	--
Region 10: Finger Lakes	--	(-- - --)	2.10	(1.42 - 3.11)	--
Region 11: Western	--	(-- - --)	1.80	(1.25 - 2.58)	--
North Carolina	1.53	(1.12 - 2.08)	1.74	(1.38 - 2.18)	0.242
Alliance Behavioral Healthcare 1	1.60	(0.94 - 2.72)	1.92	(1.16 - 3.16)	0.295
Alliance Behavioral Healthcare 2	1.47	(0.86 - 2.51)	1.55	(0.96 - 2.50)	0.758
Cardinal Innovations Healthcare Solutions 1	1.67	(0.98 - 2.82)	1.24	(0.73 - 2.10)	0.105
Cardinal Innovations Healthcare Solutions 2	1.36 ^b	(0.82 - 2.25)	1.88	(1.15 - 3.07)	0.072
Cardinal Innovations Healthcare Solutions 3	1.52 ^b	(0.89 - 2.58)	2.04	(1.30 - 3.20)	0.090
CenterPoint Human Services	1.52	(0.90 - 2.57)	1.84	(1.09 - 3.10)	0.236
Eastpointe	1.20	(0.68 - 2.10)	1.59	(0.94 - 2.67)	0.134
Partners Behavioral Health Management	1.62	(0.97 - 2.70)	1.28	(0.77 - 2.11)	0.157
Sandhills Center 1	1.29 ^b	(0.73 - 2.27)	1.77	(1.03 - 3.03)	0.086
Sandhills Center 2	1.62 ^a	(0.93 - 2.83)	2.34	(1.40 - 3.88)	0.045
Smoky Mountain Center 1	1.58	(0.94 - 2.62)	1.71	(1.04 - 2.78)	0.626
Smoky Mountain Center 2	1.34	(0.78 - 2.30)	1.24	(0.72 - 2.10)	0.665
Trillium Health Resources 1	1.76	(1.04 - 2.97)	2.08	(1.31 - 3.27)	0.341
Trillium Health Resources 2	1.89	(1.11 - 3.20)	2.13	(1.31 - 3.42)	0.490

See notes at end of table.

(continued)

Table 3 Cocaine Use in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
North Dakota	1.25	(0.92 - 1.68)	1.17	(0.86 - 1.59)	0.602
Badlands and West Central	0.99	(0.61 - 1.60)	1.03	(0.65 - 1.62)	0.799
Badlands	--	(-- --)	1.12	(0.62 - 2.01)	--
West Central	--	(-- --)	1.00	(0.60 - 1.68)	--
Lake Region	1.02	(0.58 - 1.77)	0.87	(0.47 - 1.61)	0.396
North Central	1.28	(0.77 - 2.10)	1.35	(0.80 - 2.26)	0.741
Northeast	1.79 ^a	(1.12 - 2.83)	1.23	(0.73 - 2.07)	0.041
Northwest	1.22	(0.70 - 2.11)	1.15	(0.63 - 2.09)	0.766
South Central	1.18	(0.70 - 1.97)	0.92	(0.51 - 1.66)	0.165
Southeast	1.30	(0.84 - 2.02)	1.32	(0.88 - 1.98)	0.918
Ohio	1.53	(1.26 - 1.85)	1.55	(1.28 - 1.87)	0.862
Boards 2, 46, 55, and 68	1.37	(0.84 - 2.23)	1.37	(0.82 - 2.29)	0.996
Boards 3, 52, and 85	1.38	(0.84 - 2.26)	1.37	(0.81 - 2.31)	0.969
Boards 4 and 78	1.40	(0.85 - 2.29)	1.49	(0.90 - 2.45)	0.715
Boards 5 and 60	1.83	(1.20 - 2.79)	1.75	(1.06 - 2.87)	0.776
Boards 7, 15, 41, 79, and 84	1.58	(1.00 - 2.48)	1.47	(0.87 - 2.48)	0.683
Boards 8, 13, and 83	1.25	(0.77 - 2.04)	1.40	(0.83 - 2.35)	0.506
Board 9 (Butler)	1.43	(0.90 - 2.29)	1.76	(1.07 - 2.88)	0.217
Board 12	1.58	(0.97 - 2.57)	1.78	(1.08 - 2.93)	0.456
Boards 18 and 47	1.06	(0.67 - 1.66)	1.21	(0.77 - 1.89)	0.472
Boards 20, 32, 54, and 69	1.32	(0.81 - 2.12)	1.23	(0.75 - 2.01)	0.698
Boards 21, 39, 51, 70, and 80	1.20	(0.76 - 1.90)	1.40	(0.88 - 2.24)	0.359
Boards 22, 74, and 87	1.39	(0.87 - 2.21)	1.41	(0.87 - 2.28)	0.932
Boards 23 and 45	1.23	(0.77 - 1.98)	1.16	(0.70 - 1.92)	0.736
Board 25 (Franklin)	2.15	(1.47 - 3.13)	2.15	(1.50 - 3.07)	0.990
Boards 27, 71, and 73	1.78	(1.14 - 2.78)	2.03	(1.18 - 3.44)	0.433
Boards 28, 43, and 67	1.67 ^b	(1.08 - 2.59)	1.27	(0.79 - 2.03)	0.075
Board 31 (Hamilton)	1.72	(1.11 - 2.67)	1.96	(1.25 - 3.05)	0.453
Board 48 (Lucas)	1.52	(0.93 - 2.48)	1.74	(1.05 - 2.88)	0.413
Boards 50 and 76	1.64	(1.07 - 2.50)	1.48	(0.91 - 2.39)	0.533
Board 57 (Montgomery)	1.79	(1.14 - 2.81)	1.42	(0.85 - 2.39)	0.210
Board 77 (Summit)	1.62	(1.01 - 2.58)	1.33	(0.82 - 2.16)	0.283
Oklahoma	0.99	(0.68 - 1.43)	1.07	(0.76 - 1.50)	0.527
Central	0.98	(0.57 - 1.67)	0.95	(0.54 - 1.68)	0.864
East Central	0.86	(0.48 - 1.54)	0.82	(0.44 - 1.54)	0.807
Northeast	0.86	(0.49 - 1.49)	0.90	(0.50 - 1.61)	0.817
Northwest and Southwest	1.01	(0.58 - 1.74)	1.04	(0.59 - 1.81)	0.885
Oklahoma County	1.06	(0.63 - 1.76)	1.32	(0.80 - 2.17)	0.204
Southeast	0.92	(0.52 - 1.63)	0.88	(0.48 - 1.61)	0.800
Tulsa County	1.15	(0.67 - 1.97)	1.36	(0.82 - 2.26)	0.349

See notes at end of table.

(continued)

Table 3 Cocaine Use in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Oregon	1.92 ^a	(1.45 - 2.54)	2.53	(2.04 - 3.12)	0.007
Region 1 (Multnomah)	2.39 ^a	(1.51 - 3.76)	4.28	(3.10 - 5.89)	0.000
Region 2	1.64	(1.05 - 2.56)	1.99	(1.36 - 2.91)	0.176
Region 3	2.10	(1.45 - 3.02)	2.23	(1.56 - 3.17)	0.661
Region 4	1.46 ^b	(0.88 - 2.40)	1.91	(1.21 - 3.02)	0.099
Region 5 (Central)	1.68	(1.01 - 2.80)	2.02	(1.17 - 3.48)	0.280
Region 6 (Eastern)	1.87	(1.13 - 3.10)	2.26	(1.33 - 3.79)	0.256
Pennsylvania	1.66	(1.36 - 2.03)	1.75	(1.44 - 2.13)	0.560
Region 1 (Allegheny)	2.15	(1.46 - 3.17)	2.15	(1.46 - 3.15)	0.990
Regions 3, 8, 9, and 51	1.44	(0.91 - 2.27)	1.21	(0.74 - 1.96)	0.345
Regions 4, 11, 37, and 49	1.60	(1.05 - 2.44)	1.23	(0.76 - 2.00)	0.116
Regions 5, 18, 23, 24, and 46	1.13	(0.70 - 1.83)	1.14	(0.71 - 1.85)	0.962
Regions 6, 12, 16, 31, 35, 45, and 47	1.51 ^a	(1.00 - 2.28)	2.05	(1.33 - 3.14)	0.049
Regions 7, 13, 20, and 33	1.44	(1.00 - 2.05)	1.82	(1.32 - 2.52)	0.101
Regions 10, 15, 27, 32, 43, and 44	1.40	(0.87 - 2.24)	1.28	(0.75 - 2.18)	0.634
Regions 17 and 21	1.49	(0.91 - 2.42)	1.73	(1.03 - 2.88)	0.385
Regions 19, 26, 28, and 42	1.40	(0.94 - 2.08)	1.33	(0.89 - 1.99)	0.739
Regions 22, 38, 40, 41, and 48	1.33	(0.83 - 2.13)	1.41	(0.85 - 2.34)	0.754
Regions 29 and 34	1.45	(0.90 - 2.32)	1.19	(0.71 - 1.97)	0.246
Regions 30 and 50	1.51	(0.96 - 2.36)	1.19	(0.70 - 2.03)	0.196
Region 36 (Philadelphia)	2.80	(1.85 - 4.22)	3.26	(2.16 - 4.91)	0.386
Rhode Island	2.17	(1.62 - 2.91)	2.56	(2.00 - 3.27)	0.165
Region 1: Southern Providence County	--	(-- --)	2.27	(1.44 - 3.57)	--
Region 2: Northern Providence County/Blackstone Valley	--	(-- --)	2.47	(1.62 - 3.76)	--
Region 3: Providence	--	(-- --)	3.29	(2.11 - 5.10)	--
Region 4: Kent County	--	(-- --)	2.01	(1.30 - 3.11)	--
Region 5: East Bay	--	(-- --)	2.55	(1.60 - 4.05)	--
Region 6: Newport County	--	(-- --)	2.61	(1.62 - 4.16)	--
Region 7: South County	--	(-- --)	2.87	(1.89 - 4.35)	--
South Carolina	1.37	(0.97 - 1.92)	1.46	(1.09 - 1.95)	0.614
Region 1	1.18	(0.71 - 1.96)	0.99	(0.60 - 1.63)	0.346
Region 2	1.39	(0.86 - 2.26)	1.44	(0.90 - 2.29)	0.851
Region 3	1.38	(0.81 - 2.35)	1.46	(0.87 - 2.44)	0.756
Region 4	1.55	(0.98 - 2.46)	2.02	(1.34 - 3.03)	0.125
South Dakota	0.92	(0.63 - 1.34)	0.98	(0.70 - 1.38)	0.637
Region 1	0.94 ^b	(0.55 - 1.59)	1.31	(0.80 - 2.13)	0.064
Region 2	0.78	(0.43 - 1.41)	0.95	(0.51 - 1.75)	0.296
Region 3	0.78	(0.45 - 1.32)	0.94	(0.56 - 1.55)	0.306
Region 4	0.82	(0.47 - 1.43)	0.92	(0.53 - 1.58)	0.559
Region 5	1.12 ^a	(0.69 - 1.82)	0.77	(0.46 - 1.28)	0.042

See notes at end of table.

(continued)

Table 3 Cocaine Use in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Tennessee	1.25	(0.89 - 1.74)	1.48	(1.10 - 1.98)	0.117
Region 1	1.13	(0.64 - 1.99)	1.23	(0.73 - 2.08)	0.632
Region 2	1.33	(0.80 - 2.19)	1.14	(0.69 - 1.90)	0.404
Region 3	1.26	(0.75 - 2.11)	1.40	(0.84 - 2.34)	0.537
Region 4 (Davidson)	1.46 ^a	(0.86 - 2.48)	2.26	(1.34 - 3.79)	0.012
Region 5	1.23 ^b	(0.77 - 1.96)	1.64	(1.06 - 2.53)	0.067
Region 6	1.07	(0.62 - 1.84)	1.36	(0.78 - 2.37)	0.194
Region 7 (Shelby)	1.18	(0.67 - 2.08)	1.40	(0.79 - 2.46)	0.323
Texas	1.37	(1.15 - 1.64)	1.40	(1.18 - 1.66)	0.828
Region 1	1.67	(1.10 - 2.52)	1.57	(0.96 - 2.55)	0.683
Region 2	1.22	(0.76 - 1.96)	1.45	(0.87 - 2.38)	0.270
Region 3	1.32	(1.00 - 1.74)	1.21	(0.92 - 1.60)	0.470
Region 3a	1.25	(0.88 - 1.78)	1.18	(0.83 - 1.68)	0.687
Region 3bc	1.44	(1.01 - 2.05)	1.27	(0.84 - 1.91)	0.382
Region 4	1.16	(0.74 - 1.81)	1.27	(0.79 - 2.02)	0.556
Region 5	1.22	(0.74 - 1.98)	1.33	(0.81 - 2.18)	0.576
Region 6	1.17	(0.84 - 1.61)	1.33	(0.99 - 1.78)	0.344
Region 6a	1.16	(0.82 - 1.64)	1.31	(0.95 - 1.81)	0.411
Region 6bc	1.23	(0.76 - 1.98)	1.49	(0.89 - 2.46)	0.212
Region 7	1.98	(1.46 - 2.67)	2.13	(1.58 - 2.86)	0.540
Region 7a	2.41	(1.66 - 3.47)	2.18	(1.51 - 3.15)	0.478
Region 7bcd	1.24 ^a	(0.80 - 1.92)	2.03	(1.32 - 3.12)	0.003
Region 8	1.19	(0.79 - 1.80)	1.19	(0.79 - 1.78)	0.996
Region 9	2.18	(1.32 - 3.57)	2.19	(1.32 - 3.64)	0.952
Region 10	1.44	(0.92 - 2.26)	1.38	(0.85 - 2.25)	0.759
Region 11	1.34	(0.95 - 1.90)	1.20	(0.84 - 1.72)	0.351
Region 11abd	1.45	(0.94 - 2.21)	1.30	(0.83 - 2.03)	0.414
Region 11c (Hidalgo)	1.17	(0.74 - 1.85)	1.04	(0.65 - 1.68)	0.473
Utah	1.35 ^a	(0.98 - 1.86)	0.97	(0.68 - 1.39)	0.014
Bear River, Northeastern, Summit, Tooele, and Wasatch	1.12	(0.67 - 1.89)	0.85	(0.47 - 1.54)	0.157
Central, Four Corners, San Juan, and Southwest	1.13 ^b	(0.65 - 1.95)	0.84	(0.50 - 1.40)	0.084
Central, Four Corners, and San Juan	--	(-- - --)	0.79	(0.42 - 1.49)	--
Southwest	--	(-- - --)	0.87	(0.47 - 1.59)	--
Davis County	1.31 ^a	(0.78 - 2.19)	0.83	(0.45 - 1.51)	0.022
Salt Lake County	1.59 ^b	(1.05 - 2.42)	1.16	(0.75 - 1.79)	0.071
Utah County	1.27 ^b	(0.78 - 2.06)	0.92	(0.53 - 1.59)	0.097
Weber, Morgan	1.14 ^b	(0.65 - 1.98)	0.79	(0.44 - 1.41)	0.060
Vermont	2.07 ^a	(1.59 - 2.70)	3.05	(2.46 - 3.78)	0.000
Champlain Valley	2.38 ^a	(1.72 - 3.27)	3.79	(2.88 - 4.97)	0.000
Rural Northeast	2.19 ^a	(1.43 - 3.33)	3.11	(2.07 - 4.66)	0.020
Rural Southeast	1.67	(1.03 - 2.67)	1.97	(1.26 - 3.06)	0.302
Rural Southwest	1.66 ^a	(1.03 - 2.66)	2.50	(1.60 - 3.89)	0.009

See notes at end of table.

(continued)

Table 3 Cocaine Use in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Virginia	1.53	(1.12 - 2.07)	1.43	(1.11 - 1.84)	0.585
Region 1	1.66	(1.04 - 2.63)	1.24	(0.78 - 1.95)	0.102
Region 2	1.18	(0.73 - 1.91)	1.04	(0.68 - 1.60)	0.489
Region 3	1.55	(0.95 - 2.52)	1.69	(1.10 - 2.57)	0.619
Region 4	1.86	(1.12 - 3.06)	1.64	(1.08 - 2.51)	0.493
Region 5	1.60	(0.99 - 2.56)	1.69	(1.11 - 2.58)	0.735
Washington¹	1.74	(1.30 - 2.31)	1.91	(1.46 - 2.49)	0.374
Region 1	1.53	(1.02 - 2.27)	1.61	(1.08 - 2.40)	0.668
Greater Columbia and North Central	1.50	(0.93 - 2.41)	1.53	(0.93 - 2.51)	0.922
Spokane	1.56	(0.91 - 2.65)	1.75	(1.02 - 2.97)	0.509
Region 2	1.93	(1.37 - 2.72)	2.21	(1.60 - 3.05)	0.279
King	2.04 ^a	(1.35 - 3.08)	2.71	(1.88 - 3.88)	0.050
North Sound	1.74	(1.12 - 2.68)	1.34	(0.81 - 2.21)	0.120
Region 3	1.60	(1.12 - 2.27)	1.66	(1.17 - 2.35)	0.742
Pierce	1.78	(1.11 - 2.84)	1.62	(1.00 - 2.61)	0.562
Salish	1.38	(0.80 - 2.38)	1.78	(1.03 - 3.06)	0.149
SW WA and Great Rivers	1.50	(0.89 - 2.52)	1.70	(1.02 - 2.81)	0.464
Thurston-Mason	1.61	(0.94 - 2.75)	1.58	(0.87 - 2.83)	0.905
West Virginia	1.35	(0.99 - 1.85)	1.32	(0.97 - 1.79)	0.817
Region I	1.14	(0.66 - 1.98)	1.30	(0.72 - 2.32)	0.483
Region II	1.49 ^a	(0.89 - 2.49)	1.03	(0.59 - 1.79)	0.036
Region III	1.12	(0.64 - 1.97)	1.04	(0.58 - 1.87)	0.678
Region IV	1.89	(1.25 - 2.86)	2.04	(1.35 - 3.08)	0.609
Region V	1.11	(0.67 - 1.82)	1.07	(0.65 - 1.75)	0.841
Region VI	1.18	(0.71 - 1.96)	1.21	(0.72 - 2.02)	0.907
Wisconsin	1.69	(1.24 - 2.31)	1.49	(1.13 - 1.96)	0.243
Milwaukee	2.28 ^b	(1.40 - 3.70)	1.66	(1.00 - 2.74)	0.061
Northeastern	1.23	(0.75 - 2.01)	1.17	(0.71 - 1.93)	0.799
Northern	1.31	(0.75 - 2.28)	1.32	(0.76 - 2.30)	0.942
Southeastern	2.03	(1.20 - 3.40)	1.70	(1.06 - 2.71)	0.280
Southern	1.69	(1.05 - 2.71)	1.64	(1.09 - 2.48)	0.862
Western	1.49	(0.90 - 2.44)	1.36	(0.83 - 2.21)	0.579

See notes at end of table.

(continued)

Table 3 Cocaine Use in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	<i>P</i> Value
Wyoming	1.28	(0.93 - 1.76)	1.35	(1.01 - 1.80)	0.635
Judicial District 1 (Laramie)	1.43	(0.89 - 2.29)	1.29	(0.78 - 2.13)	0.522
Judicial District 2	1.78	(1.13 - 2.78)	1.85	(1.15 - 2.96)	0.805
Judicial District 3	1.07	(0.64 - 1.78)	1.22	(0.73 - 2.03)	0.461
Judicial District 4	0.97	(0.56 - 1.69)	1.15	(0.65 - 2.01)	0.330
Judicial District 5	1.08	(0.63 - 1.83)	1.06	(0.62 - 1.83)	0.937
Judicial District 6	1.23	(0.73 - 2.06)	1.27	(0.78 - 2.08)	0.837
Judicial District 7 (Natrona)	1.45	(0.86 - 2.42)	1.56	(0.96 - 2.51)	0.656
Judicial District 8	1.00	(0.59 - 1.71)	1.05	(0.60 - 1.83)	0.795
Judicial District 9	1.29	(0.75 - 2.21)	1.51	(0.90 - 2.52)	0.327

SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2012-2014 and 2014-2016); hence, the 2012-2014 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

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 significance levels for the null hypothesis of no change between the 2012-2014 and 2014-2016 population percentages. The "Total U.S." estimates, along with the 95 percent confidence intervals and the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2012-2014 and 2014-2016 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2012-2014 and 2014-2016 population percentages 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 (2012-2014 vs. 2014-2016). For details, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012-2016.

Table 4 Alcohol Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Total United States	52.32 ^a	(51.88 - 52.76)	51.70	(51.32 - 52.07)	0.012
Northeast	57.75 ^a	(56.93 - 58.55)	56.55	(55.79 - 57.31)	0.009
Midwest	55.24	(54.58 - 55.89)	54.62	(53.93 - 55.31)	0.106
South	48.57	(47.96 - 49.18)	48.09	(47.50 - 48.68)	0.160
West	51.41	(50.58 - 52.24)	51.11	(50.40 - 51.82)	0.514
Alabama	44.05	(41.43 - 46.71)	42.07	(39.79 - 44.39)	0.132
Region 1	39.10	(34.56 - 43.82)	36.95	(33.32 - 40.73)	0.288
Region 2	46.22	(42.12 - 50.38)	46.87	(43.21 - 50.57)	0.738
Region 3	43.45	(38.89 - 48.12)	42.03	(37.86 - 46.31)	0.467
Region 4	47.71 ^a	(42.88 - 52.58)	41.67	(37.60 - 45.87)	0.005
Alaska	53.93	(51.32 - 56.52)	53.42	(51.27 - 55.56)	0.707
Anchorage	57.00	(53.26 - 60.67)	55.00	(52.00 - 57.96)	0.254
Northern	49.52	(44.52 - 54.52)	49.92	(45.96 - 53.89)	0.851
South Central	51.92	(47.17 - 56.64)	52.44	(48.72 - 56.13)	0.808
Southeast	56.16	(50.84 - 61.34)	57.13	(51.94 - 62.18)	0.643
Arizona¹	51.87	(49.15 - 54.58)	51.66	(49.36 - 53.95)	0.876
Central	55.74	(52.34 - 59.08)	54.52	(51.84 - 57.18)	0.450
North	--	(-- --)	42.89	(37.63 - 48.30)	--
South	--	(-- --)	49.34	(45.49 - 53.20)	--
South A	48.95	(43.51 - 54.41)	51.53	(46.92 - 56.12)	0.258
South B	--	(-- --)	46.70	(41.39 - 52.10)	--
Arkansas	41.43	(38.98 - 43.92)	40.99	(38.66 - 43.36)	0.730
Catchment Area 1	44.62	(39.61 - 49.75)	45.95	(41.29 - 50.67)	0.532
Catchment Area 2	39.60	(34.50 - 44.94)	36.88	(32.08 - 41.96)	0.217
Catchment Area 3	34.94	(30.07 - 40.14)	33.37	(29.21 - 37.80)	0.440
Catchment Area 4	37.39	(32.12 - 42.98)	35.65	(30.98 - 40.62)	0.396
Catchment Area 5	46.11 ^b	(40.94 - 51.36)	42.38	(37.84 - 47.06)	0.074
Catchment Area 6	39.60 ^a	(33.88 - 45.62)	35.35	(30.52 - 40.49)	0.045
Catchment Area 7	36.38	(30.56 - 42.62)	34.34	(29.11 - 39.98)	0.354
Catchment Area 8	45.28 ^a	(39.98 - 50.68)	50.44	(45.91 - 54.96)	0.020

See notes at end of table.

(continued)

Table 4 Alcohol Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
California	50.16	(48.86 - 51.46)	50.27	(49.20 - 51.34)	0.876
Region 1R	57.04	(51.53 - 62.38)	55.23	(50.41 - 59.95)	0.388
Region 2R	58.27	(52.87 - 63.48)	57.01	(52.81 - 61.11)	0.522
Region 3R (Sacramento)	47.11	(42.55 - 51.72)	48.81	(44.86 - 52.77)	0.343
Region 4R	55.92	(51.51 - 60.24)	56.69	(52.57 - 60.73)	0.678
Region 5R (San Francisco)	60.64	(54.13 - 66.79)	63.64	(58.52 - 68.46)	0.187
Region 6 (Santa Clara)	50.99	(46.34 - 55.62)	51.70	(48.00 - 55.38)	0.715
Region 7R (Contra Costa)	56.56	(51.60 - 61.39)	56.62	(52.55 - 60.61)	0.974
Region 8R (Alameda)	48.34	(43.36 - 53.36)	51.19	(47.12 - 55.23)	0.162
Region 9R (San Mateo)	55.29	(49.05 - 61.36)	55.98	(51.09 - 60.76)	0.754
Region 10	56.40	(51.31 - 61.36)	53.49	(49.00 - 57.92)	0.124
Region 11 (Los Angeles)	47.64	(45.55 - 49.73)	46.96	(45.23 - 48.69)	0.493
LA SPA 1 and 5	58.60	(53.00 - 63.99)	55.69	(51.14 - 60.15)	0.146
LA SPA 2	50.30	(46.05 - 54.54)	51.02	(47.52 - 54.51)	0.687
LA SPA 3	41.30	(36.46 - 46.32)	43.12	(39.08 - 47.26)	0.374
LA SPA 4	50.62	(45.27 - 55.95)	49.02	(44.08 - 53.98)	0.422
LA SPA 6	39.63 ^a	(34.32 - 45.20)	35.76	(31.65 - 40.09)	0.038
LA SPA 7	44.45 ^b	(39.72 - 49.28)	40.91	(36.64 - 45.31)	0.066
LA SPA 8	48.90	(44.30 - 53.52)	49.88	(45.98 - 53.78)	0.599
Region 12R	47.62	(41.79 - 53.51)	45.67	(40.78 - 50.64)	0.318
Regions 13 and 19R	45.80	(41.78 - 49.87)	46.30	(42.99 - 49.65)	0.782
Region 14 (Orange)	53.16	(49.35 - 56.93)	54.38	(50.99 - 57.73)	0.482
Region 15R (Fresno)	45.81	(40.63 - 51.09)	44.40	(39.94 - 48.96)	0.447
Region 16R (San Diego)	55.47	(51.79 - 59.09)	56.19	(53.20 - 59.14)	0.653
Region 17R	44.60 ^b	(40.23 - 49.06)	41.24	(37.67 - 44.91)	0.066
Region 18R (San Bernardino)	40.79	(36.61 - 45.10)	42.71	(39.19 - 46.30)	0.261
Region 20R	44.92	(39.74 - 50.22)	42.81	(38.32 - 47.41)	0.256
Region 21R	52.11 ^b	(46.29 - 57.86)	55.55	(50.90 - 60.10)	0.084
Colorado	60.73 ^a	(58.28 - 63.13)	58.15	(55.93 - 60.34)	0.033
Region 1	--	(-- --)	61.78	(57.51 - 65.87)	--
Region 2	--	(-- --)	53.00	(47.49 - 58.44)	--
Region 3	--	(-- --)	59.09	(55.48 - 62.60)	--
Region 4	--	(-- --)	45.70	(40.05 - 51.47)	--
Region 5	--	(-- --)	58.63	(53.85 - 63.25)	--
Region 6	--	(-- --)	63.45	(59.35 - 67.36)	--
Region 7	--	(-- --)	53.93	(49.23 - 58.55)	--
Connecticut	60.65	(58.05 - 63.19)	59.88	(57.51 - 62.21)	0.551
Eastern	60.87	(55.65 - 65.85)	58.13	(53.15 - 62.95)	0.216
North Central	60.53	(56.06 - 64.83)	60.92	(57.18 - 64.54)	0.839
Northwestern	60.31	(55.33 - 65.09)	57.47	(52.89 - 61.92)	0.189
South Central	59.62	(55.06 - 64.03)	60.74	(56.55 - 64.77)	0.579
Southwest	62.26	(56.79 - 67.42)	60.61	(56.02 - 65.02)	0.437

See notes at end of table.

(continued)

Table 4 Alcohol Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Delaware	55.43	(52.87 - 57.97)	53.85	(51.47 - 56.21)	0.235
Kent	54.64 ^a	(49.74 - 59.45)	50.43	(46.07 - 54.79)	0.041
New Castle (excluding Wilmington City)	56.81	(53.44 - 60.12)	56.78	(53.77 - 59.73)	0.983
Sussex	55.02 ^b	(50.01 - 59.94)	51.12	(46.66 - 55.56)	0.072
Wilmington City	49.56	(43.21 - 55.92)	50.57	(44.75 - 56.38)	0.670
District of Columbia	66.90	(64.56 - 69.16)	68.62	(66.47 - 70.69)	0.140
Ward 1	73.40 ^a	(68.89 - 77.48)	76.99	(72.70 - 80.78)	0.031
Ward 2	80.18	(75.76 - 83.96)	81.81	(78.06 - 85.04)	0.209
Ward 3	80.81	(76.41 - 84.56)	80.51	(76.62 - 83.88)	0.841
Ward 4	64.73	(59.12 - 69.96)	64.97	(60.04 - 69.60)	0.911
Ward 5	59.37	(53.96 - 64.57)	61.86	(56.97 - 66.53)	0.256
Ward 6	71.79 ^a	(66.82 - 76.28)	77.27	(73.62 - 80.56)	0.001
Ward 7	49.46	(43.29 - 55.65)	48.68	(43.47 - 53.92)	0.751
Ward 8	51.10	(45.77 - 56.41)	52.83	(48.06 - 57.55)	0.438
Florida	52.83	(51.40 - 54.26)	53.78	(52.45 - 55.11)	0.204
Broward (Circuit 17)	51.58	(47.43 - 55.72)	54.36	(50.49 - 58.17)	0.128
Central I	53.64	(50.43 - 56.82)	53.94	(51.20 - 56.66)	0.834
Circuit 9	49.48	(45.37 - 53.59)	50.82	(47.37 - 54.25)	0.472
Circuit 18	59.68	(54.90 - 64.29)	58.55	(54.35 - 62.64)	0.579
Central II	54.07	(51.73 - 56.39)	55.07	(53.00 - 57.12)	0.372
Circuit 6	54.76 ^a	(50.12 - 59.31)	59.23	(55.23 - 63.11)	0.028
Circuit 10	45.41	(40.36 - 50.56)	46.95	(42.72 - 51.23)	0.449
Circuit 12	58.79	(53.50 - 63.89)	59.29	(54.59 - 63.83)	0.815
Circuit 13 (Hillsborough)	51.80	(47.55 - 56.02)	53.99	(50.44 - 57.51)	0.234
Circuit 20	57.83 ^a	(53.06 - 62.45)	53.51	(48.97 - 57.99)	0.026
Northeast	53.18	(50.53 - 55.81)	53.02	(50.63 - 55.40)	0.889
Circuit 4	53.26	(48.72 - 57.76)	53.85	(49.74 - 57.91)	0.752
Circuit 5	52.97	(47.76 - 58.11)	52.52	(48.06 - 56.94)	0.836
Circuit 7	55.00	(49.77 - 60.13)	54.96	(50.33 - 59.51)	0.986
Circuit 8 plus Columbia, Dixie, Hamilton, Lafayette, and Suwannee	50.44	(45.08 - 55.78)	49.08	(44.10 - 54.08)	0.486
Northwest	54.38	(51.05 - 57.67)	54.78	(51.78 - 57.75)	0.761
Circuit 1	55.28	(49.94 - 60.50)	52.95	(48.47 - 57.40)	0.260
Circuit 2 plus Madison and Taylor	57.20 ^a	(52.04 - 62.22)	61.40	(56.67 - 65.93)	0.033
Circuit 14	48.08	(41.60 - 54.63)	49.32	(43.54 - 55.13)	0.581
South (Circuits 11 and 16)	47.70	(44.38 - 51.04)	49.40	(46.32 - 52.47)	0.287
Southeast	54.72	(51.14 - 58.24)	56.11	(52.76 - 59.41)	0.359
Circuit 15 (Palm Beach)	54.16	(49.75 - 58.50)	56.72	(52.55 - 60.80)	0.174
Circuit 19	55.95	(50.24 - 61.50)	54.78	(49.83 - 59.64)	0.590

See notes at end of table.

(continued)

Table 4 Alcohol Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Georgia	47.92	(45.34 - 50.51)	47.37	(45.47 - 49.28)	0.656
Region 1	48.97	(44.50 - 53.46)	47.18	(44.03 - 50.35)	0.364
Region 2	45.43	(40.47 - 50.48)	47.04	(43.08 - 51.04)	0.436
Region 3	49.91	(45.72 - 54.10)	51.47	(48.22 - 54.70)	0.412
Region 4	42.58	(36.44 - 48.94)	42.64	(37.65 - 47.78)	0.978
Region 5	47.75 ^a	(41.59 - 53.97)	43.00	(38.56 - 47.55)	0.046
Region 6	46.54	(41.03 - 52.14)	44.89	(40.86 - 48.99)	0.450
Hawaii	48.95 ^a	(46.27 - 51.64)	45.21	(42.91 - 47.54)	0.008
Hawaii Island	56.43 ^a	(50.79 - 61.92)	43.21	(38.53 - 48.01)	0.000
Honolulu	46.24	(43.01 - 49.51)	45.45	(42.77 - 48.16)	0.630
Kauai	54.09 ^a	(47.35 - 60.68)	48.40	(42.77 - 54.08)	0.026
Maui	54.67 ^a	(49.03 - 60.19)	44.73	(39.64 - 49.92)	0.000
Idaho	47.09 ^b	(44.67 - 49.52)	44.65	(42.40 - 46.91)	0.051
Region 1	53.83 ^a	(48.27 - 59.29)	47.91	(42.65 - 53.21)	0.014
Region 2	53.48 ^b	(46.82 - 60.02)	48.90	(43.10 - 54.72)	0.063
Region 3	39.98	(34.96 - 45.22)	40.13	(35.97 - 44.43)	0.945
Region 4	56.21	(52.15 - 60.20)	54.24	(50.70 - 57.73)	0.295
Region 5	42.25	(36.77 - 47.94)	41.79	(37.28 - 46.45)	0.841
Region 6	41.64	(35.68 - 47.85)	41.78	(36.16 - 47.62)	0.950
Region 7	34.66 ^a	(29.97 - 39.67)	29.93	(25.84 - 34.37)	0.028
Illinois	55.47	(54.11 - 56.82)	54.36	(52.89 - 55.82)	0.150
Region 1 (Cook)	55.29	(53.06 - 57.49)	53.97	(51.86 - 56.07)	0.226
Region 1.1 (Far North Side)	--	(-- --)	58.15	(52.78 - 63.34)	--
Region 1.2 (Northwest Side)	--	(-- --)	47.67	(41.78 - 53.63)	--
Region 1.3 (North Central Side)	--	(-- --)	70.10	(65.22 - 74.57)	--
Region 1.4 (West Side)	--	(-- --)	49.68	(44.53 - 54.84)	--
Region 1.5 (South Side)	--	(-- --)	49.35	(43.94 - 54.76)	--
Region 1.6 (Southwest Side)	--	(-- --)	41.36	(36.40 - 46.50)	--
Region 1.7 (Suburban Cook)	--	(-- --)	54.61	(51.62 - 57.56)	--
Region 2	57.18	(54.96 - 59.38)	56.86	(54.76 - 58.95)	0.772
Region 2a (DuPage)	--	(-- --)	61.36	(57.36 - 65.20)	--
Region 2b	--	(-- --)	56.36	(53.48 - 59.19)	--
Region 2c (Winnebago)	--	(-- --)	49.55	(44.07 - 55.03)	--
Region 2d	--	(-- --)	55.34	(50.66 - 59.94)	--
Region 3	55.04	(51.58 - 58.45)	54.28	(51.10 - 57.43)	0.632
Region 3a (Champaign)	--	(-- --)	59.80	(54.35 - 65.01)	--
Region 3b	--	(-- --)	53.37	(49.83 - 56.86)	--
Region 4	54.64 ^b	(50.70 - 58.51)	51.60	(47.89 - 55.30)	0.080
Region 4a (Sangamon)	--	(-- --)	54.75	(48.87 - 60.50)	--
Region 4b	--	(-- --)	50.70	(46.33 - 55.07)	--
Region 5	51.65	(47.73 - 55.56)	49.71	(46.37 - 53.06)	0.242
Region 5a	--	(-- --)	51.70	(46.70 - 56.67)	--
Region 5b	--	(-- --)	48.12	(43.83 - 52.43)	--

See notes at end of table.

(continued)

Table 4 Alcohol Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Indiana	51.02	(48.51 - 53.51)	50.01	(47.62 - 52.40)	0.421
Central	53.29	(48.68 - 57.84)	52.78	(49.14 - 56.40)	0.802
East	46.18	(40.64 - 51.81)	43.92	(38.56 - 49.43)	0.297
North Central	49.33	(44.26 - 54.41)	48.34	(43.50 - 53.22)	0.633
Northeast	53.56	(47.60 - 59.42)	52.20	(47.02 - 57.34)	0.546
Northwest	51.34	(45.69 - 56.95)	51.07	(45.79 - 56.32)	0.907
Southeast	45.90	(39.84 - 52.09)	46.43	(41.14 - 51.80)	0.824
Southwest	53.29	(47.34 - 59.14)	49.66	(43.94 - 55.39)	0.117
West	52.22	(46.53 - 57.85)	50.75	(45.49 - 55.99)	0.496
Iowa	57.67	(55.10 - 60.20)	57.41	(55.15 - 59.65)	0.839
Central	60.51	(55.46 - 65.34)	58.04	(53.74 - 62.21)	0.234
North Central	56.77	(50.72 - 62.62)	56.73	(51.67 - 61.66)	0.989
Northeast	59.30	(55.00 - 63.47)	59.28	(55.61 - 62.84)	0.987
Northwest	59.24	(53.24 - 64.99)	59.00	(54.41 - 63.44)	0.915
Southeast	54.52	(49.84 - 59.12)	54.03	(49.93 - 58.07)	0.806
Southwest	53.91	(48.05 - 59.66)	57.30	(51.88 - 62.56)	0.130
Kansas	53.67	(51.21 - 56.11)	54.65	(52.33 - 56.94)	0.432
Northeast	--	(-- --)	57.76	(54.72 - 60.74)	--
Northwest and North Central	--	(-- --)	52.54	(46.51 - 58.51)	--
South Central	--	(-- --)	52.72	(49.13 - 56.28)	--
Southeast	--	(-- --)	50.61	(44.84 - 56.37)	--
Southwest	--	(-- --)	45.39	(39.62 - 51.28)	--
Kentucky¹	43.88	(41.28 - 46.52)	41.82	(39.52 - 44.16)	0.130
Adanta, Cumberland River, and Lifeskills	35.08 ^a	(30.23 - 40.27)	30.81	(26.86 - 35.07)	0.034
Bluegrass, Comprehend, and North Key	50.19	(45.93 - 54.46)	48.47	(44.81 - 52.16)	0.380
Centerstone	50.16	(45.43 - 54.88)	49.22	(45.07 - 53.38)	0.652
Communicare and River Valley	43.54	(37.86 - 49.39)	41.37	(36.05 - 46.90)	0.329
Four Rivers and Pennyroyal	38.11	(32.36 - 44.21)	36.57	(31.48 - 41.99)	0.495
Kentucky River, Mountain, and Pathways	33.37	(27.97 - 39.25)	30.95	(26.31 - 36.00)	0.280
Louisiana	48.53	(46.02 - 51.04)	50.21	(47.89 - 52.53)	0.195
Regions 1 and 10	53.62 ^b	(49.09 - 58.09)	56.92	(52.87 - 60.87)	0.065
Region 1	51.90 ^a	(45.73 - 58.02)	58.62	(53.38 - 63.67)	0.002
Region 10 (Jefferson)	55.40	(49.65 - 61.01)	55.06	(49.74 - 60.27)	0.876
Regions 2 and 9	51.60	(47.26 - 55.92)	54.00	(50.39 - 57.56)	0.218
Region 3	49.62	(43.65 - 55.61)	48.62	(43.50 - 53.77)	0.658
Regions 4, 5, and 6	46.32	(41.84 - 50.86)	45.80	(41.72 - 49.94)	0.796
Regions 7 and 8	41.81	(37.23 - 46.53)	44.85	(40.70 - 49.08)	0.130

See notes at end of table.

(continued)

Table 4 Alcohol Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Maine	57.01	(54.33 - 59.66)	58.28	(55.89 - 60.64)	0.338
Aroostook/Downeast	51.55	(46.03 - 57.03)	52.30	(47.83 - 56.74)	0.730
Aroostook	49.41	(42.52 - 56.32)	51.37	(45.61 - 57.10)	0.459
Downeast	53.29	(45.83 - 60.61)	53.05	(46.93 - 59.08)	0.932
Central	55.46	(49.85 - 60.92)	55.15	(49.93 - 60.25)	0.894
Cumberland	65.01	(60.19 - 69.54)	65.41	(61.28 - 69.31)	0.843
Midcoast	54.20 ^b	(47.87 - 60.39)	58.51	(53.41 - 63.44)	0.077
Penquis	56.12	(50.37 - 61.72)	55.94	(50.75 - 61.02)	0.938
Western	51.80	(46.31 - 57.24)	53.05	(48.28 - 57.75)	0.594
York	59.23	(53.53 - 64.70)	62.45	(57.76 - 66.92)	0.148
Maryland	57.45	(54.81 - 60.05)	56.67	(54.34 - 58.98)	0.548
Anne Arundel	63.55	(57.93 - 68.82)	61.40	(56.33 - 66.24)	0.296
Baltimore City	50.92	(45.54 - 56.29)	53.30	(48.49 - 58.04)	0.295
Baltimore County	59.89	(54.16 - 65.35)	61.39	(56.55 - 66.02)	0.478
Montgomery	59.68	(54.17 - 64.95)	57.02	(52.67 - 61.26)	0.201
North Central	57.25	(50.71 - 63.54)	58.45	(53.13 - 63.58)	0.610
Northeast	58.40	(52.08 - 64.46)	55.48	(50.15 - 60.69)	0.202
Prince George's	53.70	(47.83 - 59.47)	55.24	(50.42 - 59.97)	0.489
South	56.58 ^b	(50.89 - 62.11)	52.71	(47.46 - 57.90)	0.082
West	57.07	(51.20 - 62.74)	53.55	(48.31 - 58.71)	0.116
Massachusetts	62.81 ^a	(60.27 - 65.28)	59.01	(56.65 - 61.32)	0.003
Boston	62.07 ^b	(56.44 - 67.39)	58.22	(53.19 - 63.09)	0.055
Central	57.61	(52.10 - 62.94)	54.30	(49.35 - 59.15)	0.139
Metrowest	67.61	(63.22 - 71.71)	64.98	(61.17 - 68.61)	0.140
Northeast	61.74 ^b	(56.99 - 66.28)	57.97	(53.88 - 61.95)	0.063
Southeast	64.99 ^a	(60.35 - 69.37)	58.50	(53.87 - 62.98)	0.002
Western	58.41	(53.36 - 63.30)	55.96	(51.01 - 60.79)	0.240
Michigan	54.52	(53.11 - 55.92)	53.83	(52.33 - 55.33)	0.395
Region 1	57.60	(52.16 - 62.86)	56.43	(51.22 - 61.50)	0.577
Region 2	55.42	(50.19 - 60.54)	54.15	(48.87 - 59.33)	0.550
Region 3	56.10	(52.79 - 59.37)	57.03	(53.81 - 60.19)	0.558
Region 4	50.93	(46.82 - 55.03)	51.79	(48.07 - 55.49)	0.647
Region 5	53.94 ^b	(50.97 - 56.90)	51.20	(48.08 - 54.30)	0.083
Region 6	58.45	(54.59 - 62.21)	56.94	(52.90 - 60.89)	0.422
Region 7	48.39	(45.23 - 51.55)	49.20	(45.97 - 52.44)	0.606
Region 8	60.50	(56.83 - 64.05)	58.54	(54.87 - 62.12)	0.267
Region 9	57.14	(53.10 - 61.08)	56.30	(52.28 - 60.23)	0.645
Region 10	52.60	(48.60 - 56.56)	52.04	(47.79 - 56.27)	0.775

See notes at end of table.

(continued)

Table 4 Alcohol Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Minnesota	59.26	(56.72 - 61.76)	59.29	(57.03 - 61.52)	0.980
Regions 1 and 2	54.77	(48.60 - 60.80)	54.94	(50.29 - 59.50)	0.938
Region 1	--	(-- --)	54.20	(48.13 - 60.15)	--
Region 2	--	(-- --)	55.39	(49.35 - 61.28)	--
Regions 3 and 4	57.69	(52.53 - 62.70)	56.93	(53.05 - 60.73)	0.704
Region 3	--	(-- --)	56.55	(50.17 - 62.73)	--
Region 4	--	(-- --)	57.13	(52.58 - 61.57)	--
Regions 5 and 6	58.35	(53.20 - 63.33)	56.23	(52.17 - 60.21)	0.276
Region 5	--	(-- --)	54.76	(49.42 - 59.99)	--
Region 6	--	(-- --)	57.74	(52.43 - 62.86)	--
Region 7	--	(-- --)	61.86	(59.22 - 64.44)	--
Region 7A (Hennepin)	62.87	(58.06 - 67.44)	65.69	(61.97 - 69.22)	0.152
Region 7B (Ramsey)	58.48	(52.79 - 63.96)	56.26	(51.41 - 60.98)	0.281
Region 7C	60.00	(55.73 - 64.12)	60.49	(56.55 - 64.30)	0.798
Mississippi	42.08 ^a	(39.47 - 44.75)	38.31	(36.08 - 40.59)	0.005
Region 1	41.00 ^a	(36.67 - 45.47)	36.33	(32.60 - 40.23)	0.017
Region 2	39.33	(34.06 - 44.86)	36.10	(31.51 - 40.97)	0.136
Region 3	40.64	(35.60 - 45.89)	37.32	(32.91 - 41.95)	0.134
Region 4	44.12	(38.71 - 49.66)	41.74	(37.57 - 46.04)	0.298
Region 5	39.03 ^a	(32.73 - 45.72)	34.83	(29.31 - 40.79)	0.050
Region 6	42.92	(37.75 - 48.25)	39.96	(35.40 - 44.71)	0.173
Region 7	45.30 ^a	(39.73 - 50.99)	39.90	(35.32 - 44.67)	0.014
Missouri	51.38	(48.84 - 53.92)	51.12	(48.82 - 53.42)	0.837
Central	51.00	(45.80 - 56.18)	48.27	(43.46 - 53.12)	0.202
Eastern	53.84	(50.24 - 57.40)	55.98	(52.81 - 59.09)	0.176
Eastern (St. Louis City and County)	52.40 ^b	(47.75 - 57.01)	56.00	(51.93 - 60.00)	0.065
Eastern (excluding St. Louis)	56.30	(51.21 - 61.27)	55.93	(51.36 - 60.40)	0.858
Northwest	52.93	(48.53 - 57.29)	52.82	(49.22 - 56.38)	0.948
Northwest (Jackson)	56.52	(50.74 - 62.13)	54.13	(49.45 - 58.73)	0.275
Northwest (excluding Jackson)	49.91	(44.15 - 55.67)	51.72	(46.82 - 56.58)	0.410
Southeast	43.95	(38.23 - 49.83)	41.95	(37.04 - 47.02)	0.370
Southwest	49.51	(44.07 - 54.97)	47.12	(42.40 - 51.89)	0.264
Montana	58.86	(56.37 - 61.31)	57.16	(54.78 - 59.50)	0.173
Region 1	55.38	(48.51 - 62.05)	51.99	(45.81 - 58.11)	0.189
Region 2	52.97	(47.72 - 58.16)	53.32	(48.59 - 57.98)	0.875
Region 3	56.47	(52.03 - 60.80)	54.28	(50.21 - 58.30)	0.268
Region 4	62.58	(58.07 - 66.87)	61.30	(57.31 - 65.14)	0.518
Region 5	60.85	(56.60 - 64.94)	58.61	(54.85 - 62.28)	0.222

See notes at end of table.

(continued)

Table 4 Alcohol Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Nebraska	56.95	(54.36 - 59.50)	58.49	(56.22 - 60.73)	0.215
Regions 1 and 2	50.44 ^b	(45.02 - 55.84)	54.30	(49.42 - 59.09)	0.058
Region 1	46.74 ^a	(39.78 - 53.83)	54.18	(47.83 - 60.40)	0.003
Region 2	53.69	(46.26 - 60.96)	54.40	(48.13 - 60.53)	0.781
Region 3	54.33	(48.88 - 59.68)	55.61	(50.64 - 60.46)	0.548
Region 4	56.00	(49.91 - 61.91)	52.89	(47.56 - 58.15)	0.184
Region 5	59.64	(55.24 - 63.90)	60.57	(56.44 - 64.55)	0.628
Region 6	57.97	(54.12 - 61.72)	60.61	(57.56 - 63.58)	0.122
Nevada	54.21	(51.51 - 56.90)	52.26	(49.72 - 54.78)	0.174
Clark – Region 1	52.78	(49.54 - 56.00)	51.07	(48.16 - 53.98)	0.314
Region 3	55.16	(49.72 - 60.49)	52.03	(47.00 - 57.01)	0.112
Capital District	57.66	(50.46 - 64.54)	55.33	(48.76 - 61.73)	0.320
Rural/Frontier	52.91	(46.10 - 59.61)	49.04	(42.75 - 55.35)	0.124
Washoe – Region 2	60.04	(55.09 - 64.79)	57.90	(53.51 - 62.17)	0.289
New Hampshire	65.16	(62.78 - 67.47)	64.18	(61.88 - 66.41)	0.423
Central	62.72	(58.93 - 66.36)	61.60	(58.19 - 64.89)	0.516
Central 1	61.85	(56.63 - 66.81)	60.03	(55.17 - 64.70)	0.410
Central 2	63.57	(58.60 - 68.27)	63.13	(58.92 - 67.15)	0.836
Northern	65.18	(59.36 - 70.58)	65.17	(60.27 - 69.76)	0.995
Southern	66.34	(63.51 - 69.06)	65.21	(62.46 - 67.86)	0.407
Southern 1 (Rockingham)	66.66	(62.45 - 70.63)	65.66	(61.63 - 69.48)	0.592
Southern 2	66.14	(62.47 - 69.63)	64.92	(61.58 - 68.13)	0.465
New Jersey	56.91	(54.41 - 59.38)	55.57	(53.58 - 57.55)	0.305
Central	58.42	(53.87 - 62.83)	57.77	(54.16 - 61.30)	0.748
Metropolitan	53.91 ^a	(49.17 - 58.58)	49.14	(45.40 - 52.89)	0.026
Northern	58.18	(54.03 - 62.22)	56.50	(53.45 - 59.50)	0.396
Southern	56.76	(52.01 - 61.38)	59.21	(55.57 - 62.75)	0.221
New Mexico	49.46	(46.96 - 51.96)	48.36	(45.97 - 50.76)	0.396
Region 1	45.68	(41.34 - 50.08)	43.13	(38.74 - 47.62)	0.208
Region 2	49.23	(43.25 - 55.24)	49.56	(44.42 - 54.71)	0.891
Region 3 (Bernalillo)	56.38	(52.27 - 60.40)	54.62	(51.04 - 58.14)	0.357
Region 4	47.19 ^b	(42.02 - 52.42)	43.62	(38.86 - 48.51)	0.097
Region 5	43.62	(38.62 - 48.75)	45.71	(41.78 - 49.69)	0.299
Region 5a	--	(-- --)	41.99	(36.80 - 47.36)	--
Region 5b (Dona Ana)	--	(-- --)	49.08	(44.04 - 54.15)	--

See notes at end of table.

(continued)

Table 4 Alcohol Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
New York¹	55.97	(54.57 - 57.36)	54.80	(53.47 - 56.12)	0.133
Region 1: Long Island	60.17 ^a	(56.74 - 63.51)	63.48	(60.55 - 66.32)	0.041
Region 2: New York City	53.64 ^a	(51.42 - 55.85)	50.74	(48.84 - 52.65)	0.008
Region 2A: Bronx	43.75 ^a	(39.60 - 47.99)	40.24	(36.35 - 44.26)	0.050
Region 2B: Kings	--	(-- - --)	50.39	(47.03 - 53.74)	--
Region 2C: New York	68.44	(64.20 - 72.39)	66.39	(62.70 - 69.89)	0.270
Region 2D: Queens	49.62 ^a	(45.41 - 53.84)	45.64	(41.93 - 49.41)	0.037
Region 2E: Richmond	--	(-- - --)	51.32	(46.04 - 56.57)	--
Region 3: Mid-Hudson	--	(-- - --)	53.41	(50.04 - 56.75)	--
Region 4: Capital Region	--	(-- - --)	62.21	(58.07 - 66.18)	--
Region 5: Mohawk Valley	--	(-- - --)	50.09	(44.27 - 55.90)	--
Region 6: North Country	--	(-- - --)	51.55	(45.81 - 57.24)	--
Region 7: Tug Hill Seaway	--	(-- - --)	51.35	(45.90 - 56.77)	--
Region 8: Central	--	(-- - --)	55.49	(51.70 - 59.22)	--
Region 9: Southern Tier	--	(-- - --)	56.99	(52.25 - 61.61)	--
Region 10: Finger Lakes	--	(-- - --)	58.00	(54.20 - 61.70)	--
Region 11: Western	--	(-- - --)	56.70	(53.36 - 59.98)	--
North Carolina	47.98 ^a	(45.36 - 50.61)	45.17	(43.29 - 47.08)	0.027
Alliance Behavioral Healthcare 1	45.02	(39.35 - 50.82)	45.55	(41.16 - 50.01)	0.816
Alliance Behavioral Healthcare 2	60.68 ^a	(54.85 - 66.22)	53.18	(48.55 - 57.76)	0.001
Cardinal Innovations Healthcare Solutions 1	49.53 ^b	(42.81 - 56.26)	45.32	(40.54 - 50.19)	0.075
Cardinal Innovations Healthcare Solutions 2	45.97	(39.92 - 52.14)	43.46	(38.65 - 48.40)	0.289
Cardinal Innovations Healthcare Solutions 3	54.25	(48.35 - 60.02)	52.04	(47.67 - 56.39)	0.332
CenterPoint Human Services	44.77	(38.73 - 50.97)	44.78	(39.85 - 49.81)	0.997
Eastpointe	32.73	(27.14 - 38.86)	33.93	(29.77 - 38.35)	0.602
Partners Behavioral Health Management	44.82	(39.34 - 50.43)	41.53	(36.67 - 46.56)	0.154
Sandhills Center 1	45.39 ^a	(38.18 - 52.79)	38.67	(33.68 - 43.90)	0.004
Sandhills Center 2	49.31	(43.16 - 55.49)	46.91	(41.83 - 52.06)	0.291
Smoky Mountain Center 1	45.98 ^a	(39.18 - 52.93)	37.15	(32.18 - 42.41)	0.000
Smoky Mountain Center 2	51.57 ^b	(44.62 - 58.46)	46.92	(41.42 - 52.49)	0.058
Trillium Health Resources 1	43.92	(37.12 - 50.95)	45.59	(40.77 - 50.50)	0.523
Trillium Health Resources 2	54.50	(47.40 - 61.43)	52.97	(47.18 - 58.67)	0.516

See notes at end of table.

(continued)

Table 4 Alcohol Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
North Dakota	59.46	(57.00 - 61.87)	59.43	(57.28 - 61.54)	0.978
Badlands and West Central	63.38	(59.25 - 67.33)	61.48	(58.12 - 64.73)	0.286
Badlands	--	(-- --)	58.19	(52.18 - 63.97)	--
West Central	--	(-- --)	62.44	(58.69 - 66.04)	--
Lake Region	43.91 ^b	(37.80 - 50.21)	48.23	(42.48 - 54.03)	0.064
North Central	55.86	(50.28 - 61.30)	57.91	(52.98 - 62.69)	0.349
Northeast	62.26	(57.32 - 66.95)	63.38	(59.19 - 67.37)	0.534
Northwest	54.01	(47.07 - 60.80)	54.95	(48.39 - 61.34)	0.691
South Central	53.81 ^b	(47.39 - 60.10)	58.24	(52.55 - 63.71)	0.067
Southeast	61.99	(57.79 - 66.02)	59.88	(56.24 - 63.42)	0.240
Ohio	53.68 ^b	(52.32 - 55.04)	52.28	(50.78 - 53.77)	0.072
Boards 2, 46, 55, and 68	51.79	(46.30 - 57.25)	52.67	(47.56 - 57.73)	0.681
Boards 3, 52, and 85	56.30 ^a	(51.02 - 61.45)	52.06	(46.99 - 57.10)	0.038
Boards 4 and 78	51.23 ^a	(45.56 - 56.88)	44.59	(39.30 - 50.02)	0.003
Boards 5 and 60	50.44 ^b	(44.99 - 55.88)	46.59	(41.23 - 52.03)	0.068
Boards 7, 15, 41, 79, and 84	44.18	(38.97 - 49.52)	45.03	(39.84 - 50.34)	0.709
Boards 8, 13, and 83	52.14	(47.03 - 57.19)	53.44	(48.38 - 58.43)	0.520
Board 9 (Butler)	56.00 ^a	(50.12 - 61.72)	51.61	(46.52 - 56.67)	0.043
Board 12	52.55	(46.57 - 58.45)	52.16	(46.80 - 57.46)	0.855
Boards 18 and 47	56.48	(53.18 - 59.72)	55.76	(52.32 - 59.14)	0.643
Boards 20, 32, 54, and 69	51.17	(45.99 - 56.32)	48.86	(44.02 - 53.72)	0.255
Boards 21, 39, 51, 70, and 80	51.46 ^a	(46.69 - 56.21)	46.51	(41.64 - 51.46)	0.018
Boards 22, 74, and 87	57.11 ^b	(51.66 - 62.39)	53.32	(48.27 - 58.31)	0.068
Boards 23 and 45	52.71	(47.49 - 57.86)	51.19	(46.45 - 55.91)	0.448
Board 25 (Franklin)	56.51	(52.83 - 60.12)	54.82	(51.23 - 58.36)	0.321
Boards 27, 71, and 73	42.64	(37.56 - 47.89)	42.67	(37.76 - 47.72)	0.991
Boards 28, 43, and 67	58.96	(54.06 - 63.69)	58.49	(54.09 - 62.76)	0.809
Board 31 (Hamilton)	54.43 ^b	(50.12 - 58.67)	58.02	(53.97 - 61.97)	0.057
Board 48 (Lucas)	53.95 ^a	(48.73 - 59.09)	49.44	(44.32 - 54.57)	0.023
Boards 50 and 76	54.69 ^a	(50.00 - 59.30)	50.53	(46.19 - 54.86)	0.041
Board 57 (Montgomery)	51.31	(46.55 - 56.05)	53.59	(48.67 - 58.44)	0.272
Board 77 (Summit)	58.82	(53.76 - 63.71)	55.78	(51.10 - 60.35)	0.123
Oklahoma	47.95 ^a	(45.31 - 50.61)	44.13	(41.88 - 46.39)	0.003
Central	51.67	(46.01 - 57.30)	50.06	(45.34 - 54.77)	0.475
East Central	41.93 ^a	(36.42 - 47.65)	37.27	(32.45 - 42.36)	0.028
Northeast	50.09 ^a	(44.82 - 55.35)	44.02	(39.27 - 48.87)	0.005
Northwest and Southwest	47.55	(41.41 - 53.77)	44.29	(39.77 - 48.90)	0.148
Oklahoma County	52.77 ^a	(47.90 - 57.59)	47.60	(43.12 - 52.11)	0.012
Southeast	40.36	(35.38 - 45.56)	37.26	(32.76 - 41.99)	0.137
Tulsa County	48.69	(43.55 - 53.86)	45.84	(41.37 - 50.38)	0.174

See notes at end of table.

(continued)

Table 4 Alcohol Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Oregon	57.83	(55.38 - 60.25)	58.20	(55.87 - 60.50)	0.766
Region 1 (Multnomah)	60.82	(55.84 - 65.59)	62.65	(58.56 - 66.58)	0.364
Region 2	59.86	(55.37 - 64.19)	62.11	(58.33 - 65.75)	0.233
Region 3	56.77	(52.89 - 60.57)	53.93	(50.14 - 57.68)	0.138
Region 4	54.73	(49.02 - 60.32)	56.50	(51.59 - 61.29)	0.452
Region 5 (Central)	57.16	(50.13 - 63.91)	57.74	(51.37 - 63.86)	0.807
Region 6 (Eastern)	53.66	(46.90 - 60.29)	54.68	(48.87 - 60.37)	0.658
Pennsylvania	56.60	(55.18 - 58.01)	56.14	(54.66 - 57.61)	0.556
Region 1 (Allegheny)	62.07	(58.34 - 65.67)	59.74	(55.91 - 63.45)	0.182
Regions 3, 8, 9, and 51	57.48	(52.79 - 62.04)	56.99	(52.55 - 61.32)	0.805
Regions 4, 11, 37, and 49	55.51	(51.03 - 59.91)	57.44	(53.26 - 61.52)	0.308
Regions 5, 18, 23, 24, and 46	49.67	(45.16 - 54.17)	47.52	(42.97 - 52.11)	0.314
Regions 6, 12, 16, 31, 35, 45, and 47	57.35	(52.62 - 61.94)	56.21	(51.56 - 60.75)	0.559
Regions 7, 13, 20, and 33	63.31	(60.36 - 66.17)	62.02	(59.05 - 64.91)	0.391
Regions 10, 15, 27, 32, 43, and 44	45.71	(40.48 - 51.04)	46.70	(41.61 - 51.85)	0.663
Regions 17 and 21	57.83	(52.20 - 63.26)	55.61	(50.42 - 60.68)	0.290
Regions 19, 26, 28, and 42	52.78	(49.05 - 56.48)	52.65	(48.95 - 56.32)	0.941
Regions 22, 38, 40, 41, and 48	53.16	(48.34 - 57.92)	55.89	(51.29 - 60.40)	0.194
Regions 29 and 34	56.72	(51.52 - 61.77)	55.77	(50.85 - 60.59)	0.649
Regions 30 and 50	53.29	(48.23 - 58.27)	52.46	(47.88 - 57.00)	0.686
Region 36 (Philadelphia)	54.64	(50.70 - 58.53)	54.99	(51.20 - 58.71)	0.847
Rhode Island	59.34	(56.68 - 61.93)	60.28	(57.81 - 62.69)	0.470
Region 1: Southern Providence County	--	(-- --)	61.53	(57.03 - 65.83)	--
Region 2: Northern Providence County/Blackstone Valley	--	(-- --)	57.12	(52.44 - 61.67)	--
Region 3: Providence	--	(-- --)	52.73	(48.05 - 57.36)	--
Region 4: Kent County	--	(-- --)	62.32	(57.69 - 66.74)	--
Region 5: East Bay	--	(-- --)	62.61	(57.38 - 67.56)	--
Region 6: Newport County	--	(-- --)	65.18	(59.67 - 70.31)	--
Region 7: South County	--	(-- --)	66.58	(61.90 - 70.97)	--
South Carolina	48.48 ^a	(45.88 - 51.10)	45.71	(43.43 - 48.01)	0.035
Region 1	46.85 ^a	(42.50 - 51.25)	41.61	(37.80 - 45.51)	0.010
Region 2	49.42	(44.68 - 54.18)	47.82	(44.03 - 51.64)	0.448
Region 3	44.38	(39.46 - 49.42)	42.36	(38.13 - 46.71)	0.306
Region 4	52.21	(47.92 - 56.47)	50.73	(47.29 - 54.17)	0.435
South Dakota	57.04	(54.55 - 59.49)	58.17	(55.97 - 60.34)	0.355
Region 1	53.01 ^a	(48.64 - 57.34)	57.47	(53.85 - 61.02)	0.016
Region 2	53.14	(47.16 - 59.02)	53.57	(48.19 - 58.88)	0.841
Region 3	59.29	(54.84 - 63.60)	60.02	(56.25 - 63.67)	0.711
Region 4	57.61	(52.31 - 62.74)	58.53	(53.70 - 63.21)	0.667
Region 5	59.62	(55.48 - 63.62)	58.55	(54.85 - 62.15)	0.547

See notes at end of table.

(continued)

Table 4 Alcohol Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Tennessee	40.70 ^a	(38.19 - 43.25)	43.41	(41.12 - 45.73)	0.041
Region 1	37.77	(32.09 - 43.80)	36.27	(31.15 - 41.71)	0.512
Region 2	39.46	(34.71 - 44.43)	42.09	(37.75 - 46.56)	0.238
Region 3	37.92	(33.04 - 43.05)	38.57	(34.29 - 43.04)	0.760
Region 4 (Davidson)	46.46 ^b	(40.88 - 52.12)	50.90	(45.45 - 56.32)	0.052
Region 5	45.50	(40.95 - 50.12)	46.73	(42.76 - 50.75)	0.545
Region 6	32.25 ^a	(26.91 - 38.11)	40.04	(34.81 - 45.52)	0.000
Region 7 (Shelby)	40.59 ^a	(35.35 - 46.06)	45.70	(41.23 - 50.24)	0.013
Texas	47.21	(45.92 - 48.50)	47.57	(46.35 - 48.80)	0.607
Region 1	48.13	(43.47 - 52.82)	49.78	(45.23 - 54.33)	0.362
Region 2	44.96	(39.30 - 50.75)	46.19	(41.35 - 51.10)	0.522
Region 3	48.63	(46.50 - 50.77)	47.52	(45.54 - 49.52)	0.304
Region 3a	47.78	(45.04 - 50.53)	46.96	(44.44 - 49.49)	0.540
Region 3bc	50.14	(46.73 - 53.54)	48.53	(45.51 - 51.56)	0.322
Region 4	43.10	(38.36 - 47.97)	41.78	(37.68 - 45.99)	0.522
Region 5	41.91	(36.36 - 47.68)	44.96	(40.11 - 49.91)	0.153
Region 6	48.77	(46.26 - 51.29)	48.52	(46.21 - 50.83)	0.840
Region 6a	48.08	(45.35 - 50.83)	48.47	(46.01 - 50.94)	0.772
Region 6bc	54.58 ^a	(48.77 - 60.27)	48.88	(43.77 - 54.00)	0.006
Region 7	51.79	(48.67 - 54.89)	53.19	(50.51 - 55.86)	0.299
Region 7a	53.77	(49.69 - 57.80)	56.22	(52.76 - 59.61)	0.158
Region 7bcd	48.37	(43.88 - 52.89)	47.84	(43.73 - 51.99)	0.773
Region 8	46.30 ^b	(42.86 - 49.78)	49.28	(46.14 - 52.43)	0.058
Region 9	45.73 ^b	(40.34 - 51.23)	48.96	(43.49 - 54.46)	0.094
Region 10	42.04	(37.35 - 46.88)	41.94	(37.36 - 46.66)	0.957
Region 11	39.03	(35.51 - 42.66)	39.57	(36.42 - 42.81)	0.709
Region 11abd	40.90	(36.18 - 45.79)	40.36	(36.32 - 44.54)	0.779
Region 11c (Hidalgo)	35.79	(31.02 - 40.86)	38.22	(33.85 - 42.80)	0.189
Utah	31.46 ^b	(29.22 - 33.79)	29.41	(27.49 - 31.40)	0.100
Bear River, Northeastern, Summit, Tooele, and Wasatch	29.44 ^b	(24.78 - 34.58)	25.76	(21.66 - 30.33)	0.051
Central, Four Corners, San Juan, and Southwest	31.40 ^a	(26.04 - 37.32)	25.89	(22.16 - 29.99)	0.006
Central, Four Corners, and San Juan	--	(-- - --)	25.04	(20.20 - 30.59)	--
Southwest	--	(-- - --)	26.41	(21.86 - 31.53)	--
Davis County	33.57 ^a	(28.68 - 38.84)	27.75	(23.28 - 32.71)	0.005
Salt Lake County	35.44	(32.09 - 38.95)	35.81	(33.08 - 38.64)	0.830
Utah County	21.37	(17.87 - 25.35)	21.10	(17.96 - 24.62)	0.866
Weber, Morgan	35.37 ^b	(29.69 - 41.49)	31.06	(26.46 - 36.07)	0.056
Vermont	60.10	(57.48 - 62.67)	61.39	(58.89 - 63.83)	0.326
Champlain Valley	63.56	(59.99 - 67.00)	64.68	(61.27 - 67.95)	0.508
Rural Northeast	60.94	(55.82 - 65.83)	60.92	(56.21 - 65.42)	0.991
Rural Southeast	58.35	(53.12 - 63.40)	59.88	(55.48 - 64.13)	0.491
Rural Southwest	52.33	(46.67 - 57.93)	55.57	(50.62 - 60.41)	0.177

See notes at end of table.

(continued)

Table 4 Alcohol Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Virginia	54.26 ^b	(51.75 - 56.75)	51.92	(50.11 - 53.72)	0.054
Region 1	52.88	(47.93 - 57.76)	52.18	(48.30 - 56.04)	0.738
Region 2	57.15	(52.59 - 61.58)	55.84	(52.54 - 59.08)	0.519
Region 3	48.76 ^a	(43.73 - 53.82)	43.71	(40.05 - 47.43)	0.014
Region 4	57.50 ^a	(52.32 - 62.51)	52.61	(48.79 - 56.40)	0.022
Region 5	53.30	(49.00 - 57.54)	52.36	(49.06 - 55.64)	0.622
Washington¹	54.22	(51.78 - 56.63)	56.02	(53.55 - 58.46)	0.149
Region 1	48.74	(44.58 - 52.92)	50.62	(46.65 - 54.59)	0.264
Greater Columbia and North Central	45.37	(39.88 - 50.98)	46.22	(41.32 - 51.20)	0.692
Spokane	53.63	(47.65 - 59.50)	57.10	(51.52 - 62.51)	0.127
Region 2	57.47	(54.29 - 60.58)	59.20	(56.12 - 62.22)	0.256
King	59.16	(55.22 - 62.98)	60.70	(57.07 - 64.22)	0.392
North Sound	54.50	(49.56 - 59.35)	56.56	(51.71 - 61.28)	0.341
Region 3	53.28	(49.73 - 56.80)	55.10	(51.79 - 58.37)	0.242
Pierce	54.17	(48.85 - 59.40)	54.40	(49.82 - 58.90)	0.922
Salish	55.24	(47.98 - 62.29)	56.35	(49.85 - 62.64)	0.661
SW WA and Great Rivers	50.27 ^a	(44.59 - 55.95)	54.91	(49.77 - 59.94)	0.030
Thurston-Mason	55.51	(48.31 - 62.48)	55.89	(49.43 - 62.16)	0.867
West Virginia	38.43	(35.99 - 40.94)	39.81	(37.43 - 42.25)	0.309
Region I	45.52	(38.68 - 52.53)	42.82	(36.87 - 48.99)	0.276
Region II	44.40	(38.88 - 50.06)	46.77	(41.72 - 51.89)	0.298
Region III	35.50	(29.44 - 42.05)	36.96	(31.75 - 42.49)	0.549
Region IV	43.17	(38.82 - 47.63)	44.09	(40.00 - 48.26)	0.652
Region V	34.41 ^b	(30.63 - 38.40)	37.78	(33.88 - 41.84)	0.086
Region VI	32.77	(28.56 - 37.27)	32.50	(28.52 - 36.75)	0.897
Wisconsin	62.24	(59.63 - 64.78)	61.86	(59.60 - 64.07)	0.764
Milwaukee	60.84	(55.72 - 65.73)	59.19	(54.99 - 63.27)	0.401
Northeastern	63.24	(58.80 - 67.47)	62.97	(59.04 - 66.73)	0.887
Northern	61.82	(55.28 - 67.95)	57.85	(52.47 - 63.05)	0.109
Southeastern	64.05	(59.21 - 68.61)	64.70	(60.73 - 68.47)	0.742
Southern	62.37	(57.30 - 67.19)	63.47	(59.52 - 67.24)	0.588
Western	59.68	(54.28 - 64.86)	59.26	(54.27 - 64.06)	0.843

See notes at end of table.

(continued)

Table 4 Alcohol Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	<i>P</i> Value
Wyoming	54.91	(52.34 - 57.45)	53.08	(50.76 - 55.40)	0.138
Judicial District 1 (Laramie)	53.43	(48.03 - 58.75)	53.08	(48.64 - 57.47)	0.873
Judicial District 2	60.76	(55.43 - 65.84)	60.27	(55.46 - 64.89)	0.804
Judicial District 3	48.58	(43.66 - 53.53)	45.73	(40.86 - 50.67)	0.154
Judicial District 4	59.98	(53.55 - 66.08)	56.78	(50.51 - 62.83)	0.167
Judicial District 5	52.35	(45.76 - 58.86)	53.09	(47.77 - 58.34)	0.761
Judicial District 6	57.59 ^a	(52.27 - 62.75)	53.48	(48.63 - 58.26)	0.040
Judicial District 7 (Natrona)	55.61	(49.91 - 61.16)	53.54	(48.94 - 58.07)	0.342
Judicial District 8	55.10 ^a	(49.20 - 60.87)	49.55	(43.60 - 55.50)	0.019
Judicial District 9	55.61	(50.01 - 61.07)	54.96	(49.68 - 60.13)	0.753

SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2012-2014 and 2014-2016); hence, the 2012-2014 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

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 significance levels for the null hypothesis of no change between the 2012-2014 and 2014-2016 population percentages. The "Total U.S." estimates, along with the 95 percent confidence intervals and the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2012-2014 and 2014-2016 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2012-2014 and 2014-2016 population percentages 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 (2012-2014 vs. 2014-2016). For details, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012-2016.

Table 5 Alcohol Use in the Past Month among Individuals Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Total United States	23.28 ^a	(22.77 - 23.81)	20.82	(20.28 - 21.38)	0.000
Northeast	26.87 ^a	(26.05 - 27.71)	24.91	(24.00 - 25.83)	0.000
Midwest	24.15 ^a	(23.52 - 24.79)	21.71	(21.00 - 22.43)	0.000
South	21.18 ^a	(20.59 - 21.79)	19.16	(18.57 - 19.76)	0.000
West	23.19 ^a	(22.39 - 24.00)	19.75	(18.97 - 20.55)	0.000
Alabama	19.60	(17.66 - 21.70)	18.19	(16.12 - 20.46)	0.177
Region 1	17.82	(14.80 - 21.31)	16.93	(14.10 - 20.20)	0.552
Region 2	20.63	(17.76 - 23.83)	19.98	(16.96 - 23.39)	0.687
Region 3	19.99	(16.85 - 23.55)	18.24	(15.12 - 21.85)	0.277
Region 4	19.94 ^b	(16.67 - 23.67)	17.09	(14.23 - 20.38)	0.062
Alaska	21.82	(19.63 - 24.18)	22.36	(20.05 - 24.86)	0.646
Anchorage	23.47	(20.46 - 26.77)	22.47	(19.52 - 25.73)	0.529
Northern	19.61	(16.40 - 23.27)	20.31	(17.05 - 24.02)	0.665
South Central	21.47	(18.22 - 25.13)	23.51	(20.29 - 27.06)	0.235
Southeast	21.25	(17.53 - 25.50)	24.06	(20.04 - 28.61)	0.144
Arizona¹	23.40 ^a	(21.27 - 25.67)	18.76	(16.60 - 21.14)	0.000
Central	24.83 ^a	(22.18 - 27.69)	19.26	(16.72 - 22.08)	0.000
North	--	(-- --)	17.72	(14.21 - 21.88)	--
South	--	(-- --)	18.10	(15.38 - 21.18)	--
South A	22.87 ^b	(19.20 - 27.01)	19.68	(16.26 - 23.63)	0.058
South B	--	(-- --)	16.37	(13.20 - 20.13)	--
Arkansas	19.19 ^a	(17.30 - 21.22)	16.04	(14.03 - 18.29)	0.002
Catchment Area 1	20.17	(17.05 - 23.70)	17.72	(14.62 - 21.31)	0.106
Catchment Area 2	20.13 ^a	(16.57 - 24.24)	15.62	(12.63 - 19.17)	0.004
Catchment Area 3	16.89 ^a	(13.81 - 20.50)	13.57	(10.82 - 16.89)	0.023
Catchment Area 4	18.12 ^a	(14.76 - 22.05)	14.70	(11.77 - 18.21)	0.025
Catchment Area 5	22.33 ^a	(18.57 - 26.59)	18.82	(15.38 - 22.82)	0.039
Catchment Area 6	19.39 ^a	(15.52 - 23.96)	14.58	(11.47 - 18.35)	0.003
Catchment Area 7	17.31 ^a	(13.83 - 21.46)	13.83	(10.83 - 17.50)	0.017
Catchment Area 8	18.00	(14.97 - 21.50)	16.29	(13.28 - 19.81)	0.234

See notes at end of table.

(continued)

Table 5 Alcohol Use in the Past Month among Individuals Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
California	23.46 ^a	(22.21 - 24.76)	19.75	(18.53 - 21.03)	0.000
Region 1R	27.98	(23.79 - 32.58)	25.78	(22.07 - 29.87)	0.226
Region 2R	28.61 ^a	(24.76 - 32.80)	24.36	(20.93 - 28.16)	0.013
Region 3R (Sacramento)	21.16 ^b	(17.71 - 25.09)	18.60	(15.72 - 21.87)	0.095
Region 4R	24.77 ^a	(21.26 - 28.65)	21.41	(18.07 - 25.18)	0.040
Region 5R (San Francisco)	29.16 ^a	(24.77 - 33.97)	21.78	(17.78 - 26.39)	0.000
Region 6 (Santa Clara)	21.43 ^a	(18.09 - 25.20)	17.82	(15.18 - 20.81)	0.016
Region 7R (Contra Costa)	22.96	(19.37 - 26.98)	21.36	(18.38 - 24.67)	0.295
Region 8R (Alameda)	21.94	(18.54 - 25.76)	19.89	(16.95 - 23.20)	0.186
Region 9R (San Mateo)	25.01 ^a	(21.20 - 29.25)	18.88	(15.59 - 22.68)	0.000
Region 10	28.59 ^a	(24.58 - 32.98)	23.77	(20.15 - 27.82)	0.006
Region 11 (Los Angeles)	22.44 ^a	(20.72 - 24.26)	18.22	(16.70 - 19.84)	0.000
LA SPA 1 and 5	30.00 ^a	(25.55 - 34.85)	22.13	(18.54 - 26.19)	0.000
LA SPA 2	21.75 ^a	(18.64 - 25.22)	18.82	(16.03 - 21.96)	0.040
LA SPA 3	20.61 ^b	(17.13 - 24.58)	17.84	(14.87 - 21.25)	0.089
LA SPA 4	22.55 ^a	(18.69 - 26.94)	17.19	(13.87 - 21.10)	0.001
LA SPA 6	22.09 ^a	(18.32 - 26.38)	15.83	(13.01 - 19.12)	0.000
LA SPA 7	21.19 ^a	(18.05 - 24.72)	16.85	(14.04 - 20.08)	0.002
LA SPA 8	21.97 ^b	(18.72 - 25.60)	19.18	(16.37 - 22.34)	0.063
Region 12R	22.06 ^b	(18.09 - 26.61)	19.01	(15.71 - 22.81)	0.062
Regions 13 and 19R	21.24 ^a	(18.63 - 24.12)	17.47	(15.08 - 20.15)	0.003
Region 14 (Orange)	24.27 ^a	(21.11 - 27.73)	20.84	(18.08 - 23.90)	0.019
Region 15R (Fresno)	23.09 ^a	(19.40 - 27.25)	19.79	(16.69 - 23.31)	0.044
Region 16R (San Diego)	26.48 ^a	(23.28 - 29.95)	22.92	(20.10 - 26.00)	0.023
Region 17R	22.64 ^a	(19.24 - 26.45)	17.72	(15.07 - 20.73)	0.001
Region 18R (San Bernardino)	20.06 ^a	(16.81 - 23.75)	17.04	(14.47 - 19.96)	0.040
Region 20R	21.32 ^a	(17.77 - 25.36)	18.17	(15.16 - 21.63)	0.032
Region 21R	29.13 ^b	(24.86 - 33.82)	25.67	(21.50 - 30.34)	0.076
Colorado	26.12 ^a	(24.06 - 28.30)	22.96	(20.66 - 25.44)	0.004
Region 1	--	(-- --)	26.12	(22.09 - 30.60)	--
Region 2	--	(-- --)	22.06	(18.08 - 26.63)	--
Region 3	--	(-- --)	22.04	(19.06 - 25.35)	--
Region 4	--	(-- --)	19.23	(15.30 - 23.89)	--
Region 5	--	(-- --)	20.53	(17.06 - 24.51)	--
Region 6	--	(-- --)	25.30	(21.39 - 29.65)	--
Region 7	--	(-- --)	22.69	(18.92 - 26.98)	--
Connecticut	27.86	(25.60 - 30.25)	25.96	(23.46 - 28.63)	0.136
Eastern	34.21 ^b	(29.80 - 38.92)	29.88	(25.11 - 35.12)	0.057
North Central	26.63	(23.23 - 30.34)	25.31	(21.84 - 29.13)	0.459
Northwestern	24.61	(20.75 - 28.92)	23.03	(19.48 - 27.01)	0.383
South Central	28.40	(24.96 - 32.11)	27.38	(23.50 - 31.64)	0.594
Southwest	27.41	(23.70 - 31.47)	25.08	(21.60 - 28.92)	0.189

See notes at end of table.

(continued)

Table 5 Alcohol Use in the Past Month among Individuals Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Delaware	24.05	(21.88 - 26.36)	22.38	(20.20 - 24.72)	0.151
Kent	22.02	(18.47 - 26.04)	20.88	(17.54 - 24.67)	0.494
New Castle (excluding Wilmington City)	26.41	(23.59 - 29.43)	24.81	(22.05 - 27.79)	0.270
Sussex	21.16	(17.87 - 24.87)	19.36	(16.22 - 22.95)	0.262
Wilmington City	19.33 ^a	(15.44 - 23.93)	16.08	(12.87 - 19.91)	0.050
District of Columbia	32.24 ^a	(29.31 - 35.31)	26.95	(23.90 - 30.24)	0.003
Ward 1	38.50	(31.82 - 45.65)	33.59	(27.51 - 40.27)	0.140
Ward 2	65.51 ^a	(58.59 - 71.84)	57.30	(49.98 - 64.30)	0.031
Ward 3	45.75 ^a	(41.19 - 50.37)	35.16	(29.94 - 40.77)	0.000
Ward 4	25.41 ^a	(21.37 - 29.93)	19.72	(15.98 - 24.08)	0.004
Ward 5	27.85	(23.08 - 33.18)	23.50	(18.85 - 28.89)	0.107
Ward 6	25.77	(21.39 - 30.71)	22.73	(18.71 - 27.32)	0.141
Ward 7	21.22 ^a	(16.94 - 26.24)	16.45	(13.02 - 20.57)	0.016
Ward 8	23.26 ^a	(19.19 - 27.91)	18.04	(14.29 - 22.51)	0.013
Florida	22.70 ^a	(21.48 - 23.98)	20.79	(19.40 - 22.25)	0.008
Broward (Circuit 17)	20.48	(17.69 - 23.60)	19.61	(16.90 - 22.64)	0.541
Central I	23.77 ^a	(21.56 - 26.13)	21.19	(18.97 - 23.60)	0.028
Circuit 9	23.39	(20.62 - 26.42)	21.20	(18.44 - 24.27)	0.143
Circuit 18	24.40 ^a	(21.10 - 28.03)	21.17	(18.10 - 24.60)	0.046
Central II	22.01 ^b	(20.24 - 23.89)	20.27	(18.52 - 22.15)	0.056
Circuit 6	21.23	(18.15 - 24.69)	21.39	(18.47 - 24.63)	0.922
Circuit 10	21.08 ^a	(17.82 - 24.75)	16.92	(14.14 - 20.12)	0.007
Circuit 12	21.87	(18.44 - 25.75)	20.49	(17.31 - 24.08)	0.364
Circuit 13 (Hillsborough)	23.49	(20.38 - 26.90)	21.91	(19.14 - 24.95)	0.314
Circuit 20	21.68 ^b	(18.37 - 25.40)	19.07	(16.04 - 22.53)	0.080
Northeast	23.40 ^b	(21.42 - 25.50)	21.68	(19.64 - 23.88)	0.090
Circuit 4	20.74	(17.61 - 24.27)	20.07	(17.19 - 23.31)	0.657
Circuit 5	23.19 ^a	(19.96 - 26.77)	19.12	(16.15 - 22.50)	0.010
Circuit 7	22.91	(19.49 - 26.72)	22.72	(19.49 - 26.30)	0.909
Circuit 8 plus Columbia, Dixie, Hamilton, Lafayette, and Suwannee	29.70	(25.33 - 34.48)	27.30	(23.02 - 32.05)	0.253
Northwest	26.69	(24.04 - 29.52)	26.15	(23.67 - 28.80)	0.676
Circuit 1	24.17	(20.53 - 28.22)	23.27	(20.14 - 26.72)	0.594
Circuit 2 plus Madison and Taylor	33.62	(29.00 - 38.58)	34.07	(29.66 - 38.77)	0.844
Circuit 14	20.56	(16.81 - 24.89)	19.29	(15.98 - 23.11)	0.417
South (Circuits 11 and 16)	21.26 ^b	(18.82 - 23.93)	18.80	(16.37 - 21.49)	0.077
Southeast	22.57 ^a	(20.11 - 25.23)	19.39	(17.15 - 21.84)	0.007
Circuit 15 (Palm Beach)	22.96 ^a	(20.02 - 26.20)	19.22	(16.46 - 22.32)	0.011
Circuit 19	21.70	(18.12 - 25.76)	19.76	(16.72 - 23.19)	0.211

See notes at end of table.

(continued)

Table 5 Alcohol Use in the Past Month among Individuals Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Georgia	19.91 ^a	(18.00 - 21.96)	16.91	(15.18 - 18.78)	0.001
Region 1	19.72 ^a	(16.75 - 23.08)	16.03	(13.64 - 18.75)	0.007
Region 2	21.25	(17.70 - 25.31)	19.58	(16.53 - 23.04)	0.315
Region 3	18.50 ^b	(15.86 - 21.47)	16.00	(13.69 - 18.61)	0.053
Region 4	20.55	(16.49 - 25.29)	18.43	(15.03 - 22.38)	0.225
Region 5	21.25 ^a	(17.34 - 25.78)	17.97	(14.94 - 21.46)	0.046
Region 6	20.43 ^a	(16.97 - 24.39)	16.42	(13.75 - 19.48)	0.007
Hawaii	20.56	(18.32 - 23.00)	19.27	(16.92 - 21.86)	0.292
Hawaii Island	23.56 ^a	(19.77 - 27.83)	18.25	(14.80 - 22.30)	0.004
Honolulu	20.12	(17.52 - 23.00)	19.56	(16.92 - 22.51)	0.699
Kauai	19.52	(15.88 - 23.76)	19.87	(16.19 - 24.16)	0.834
Maui	20.13	(16.52 - 24.30)	18.41	(14.92 - 22.49)	0.319
Idaho	19.60 ^a	(17.73 - 21.62)	17.45	(15.47 - 19.62)	0.024
Region 1	21.07	(17.53 - 25.09)	19.31	(15.81 - 23.37)	0.310
Region 2	29.07 ^a	(24.14 - 34.55)	24.06	(19.55 - 29.23)	0.017
Region 3	18.42 ^b	(15.27 - 22.07)	15.81	(13.04 - 19.04)	0.072
Region 4	21.17	(18.12 - 24.58)	20.25	(17.28 - 23.58)	0.548
Region 5	17.55	(14.45 - 21.15)	16.24	(13.16 - 19.86)	0.389
Region 6	17.54	(14.00 - 21.74)	15.74	(12.53 - 19.59)	0.237
Region 7	16.10 ^a	(12.88 - 19.94)	12.41	(9.58 - 15.94)	0.017
Illinois	23.21 ^a	(21.93 - 24.54)	20.70	(19.15 - 22.33)	0.001
Region 1 (Cook)	22.29 ^a	(20.24 - 24.48)	18.81	(17.00 - 20.76)	0.000
Region 1.1 (Far North Side)	--	(-- --)	20.78	(17.10 - 25.01)	--
Region 1.2 (Northwest Side)	--	(-- --)	17.66	(14.22 - 21.73)	--
Region 1.3 (North Central Side)	--	(-- --)	26.70	(21.96 - 32.04)	--
Region 1.4 (West Side)	--	(-- --)	16.22	(13.11 - 19.89)	--
Region 1.5 (South Side)	--	(-- --)	17.55	(14.48 - 21.12)	--
Region 1.6 (Southwest Side)	--	(-- --)	15.95	(12.98 - 19.46)	--
Region 1.7 (Suburban Cook)	--	(-- --)	19.19	(16.75 - 21.90)	--
Region 2	21.54	(19.64 - 23.57)	20.17	(18.27 - 22.21)	0.175
Region 2a (DuPage)	--	(-- --)	20.36	(17.37 - 23.71)	--
Region 2b	--	(-- --)	19.46	(17.06 - 22.11)	--
Region 2c (Winnebago)	--	(-- --)	19.23	(15.72 - 23.32)	--
Region 2d	--	(-- --)	22.80	(19.44 - 26.54)	--
Region 3	29.73 ^a	(26.84 - 32.80)	25.88	(23.04 - 28.95)	0.009
Region 3a (Champaign)	--	(-- --)	37.11	(31.24 - 43.39)	--
Region 3b	--	(-- --)	23.43	(20.38 - 26.78)	--
Region 4	25.38 ^b	(22.10 - 28.97)	22.56	(19.61 - 25.82)	0.057
Region 4a (Sangamon)	--	(-- --)	20.87	(17.41 - 24.81)	--
Region 4b	--	(-- --)	23.03	(19.59 - 26.89)	--
Region 5	23.47	(20.49 - 26.73)	22.64	(19.91 - 25.63)	0.556
Region 5a	--	(-- --)	20.70	(17.29 - 24.60)	--
Region 5b	--	(-- --)	24.26	(20.74 - 28.17)	--

See notes at end of table.

(continued)

Table 5 Alcohol Use in the Past Month among Individuals Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Indiana	23.03	(21.09 - 25.08)	21.41	(19.15 - 23.85)	0.123
Central	19.76	(16.76 - 23.14)	18.73	(15.96 - 21.86)	0.475
East	24.89	(20.83 - 29.43)	24.15	(19.91 - 28.96)	0.704
North Central	21.94	(18.57 - 25.73)	20.52	(16.97 - 24.58)	0.401
Northeast	22.41	(18.80 - 26.48)	21.17	(17.69 - 25.13)	0.456
Northwest	21.33	(17.77 - 25.39)	18.92	(15.51 - 22.87)	0.139
Southeast	21.41	(17.99 - 25.30)	19.53	(16.22 - 23.33)	0.247
Southwest	24.10	(20.20 - 28.48)	22.48	(18.68 - 26.78)	0.354
West	32.61	(27.96 - 37.64)	29.40	(24.31 - 35.06)	0.161
Iowa	26.65 ^a	(24.51 - 28.90)	23.33	(20.96 - 25.88)	0.001
Central	23.31 ^a	(19.74 - 27.31)	19.91	(16.61 - 23.69)	0.023
North Central	32.19 ^a	(27.79 - 36.93)	28.01	(23.45 - 33.07)	0.027
Northeast	28.26 ^a	(24.75 - 32.04)	25.00	(21.65 - 28.67)	0.041
Northwest	27.44	(23.48 - 31.80)	24.92	(21.07 - 29.20)	0.158
Southeast	25.40 ^a	(21.86 - 29.29)	21.66	(18.20 - 25.58)	0.018
Southwest	23.26	(19.61 - 27.36)	21.08	(17.39 - 25.31)	0.168
Kansas	23.21	(21.24 - 25.31)	21.60	(19.28 - 24.11)	0.165
Northeast	--	(-- --)	22.44	(19.58 - 25.58)	--
Northwest and North Central	--	(-- --)	22.73	(18.49 - 27.61)	--
South Central	--	(-- --)	20.11	(17.15 - 23.43)	--
Southeast	--	(-- --)	23.65	(19.25 - 28.71)	--
Southwest	--	(-- --)	18.23	(14.52 - 22.65)	--
Kentucky¹	20.11	(18.23 - 22.12)	19.49	(17.28 - 21.91)	0.558
Adanta, Cumberland River, and Lifeskills	19.17	(15.94 - 22.88)	16.55	(13.30 - 20.40)	0.111
Bluegrass, Comprehend, and North Key	23.27	(20.21 - 26.65)	22.28	(19.07 - 25.87)	0.528
Centerstone	19.10	(16.23 - 22.34)	19.82	(16.74 - 23.31)	0.628
Communicare and River Valley	18.69	(15.35 - 22.56)	18.76	(15.29 - 22.81)	0.965
Four Rivers and Pennyroyal	18.09	(14.56 - 22.25)	18.07	(14.61 - 22.14)	0.991
Kentucky River, Mountain, and Pathways	17.90	(14.52 - 21.88)	17.54	(14.18 - 21.49)	0.818
Louisiana	22.64	(20.67 - 24.74)	23.08	(20.85 - 25.47)	0.670
Regions 1 and 10	23.08	(19.83 - 26.68)	23.74	(20.40 - 27.44)	0.640
Region 1	23.43	(19.05 - 28.48)	25.98	(21.60 - 30.90)	0.172
Region 10 (Jefferson)	22.68	(18.94 - 26.92)	21.12	(17.52 - 25.24)	0.355
Regions 2 and 9	24.61	(21.70 - 27.77)	25.93	(22.89 - 29.21)	0.383
Region 3	23.12	(19.08 - 27.74)	23.43	(19.52 - 27.85)	0.870
Regions 4, 5, and 6	23.16	(19.77 - 26.93)	21.17	(17.82 - 24.95)	0.246
Regions 7 and 8	18.71	(15.64 - 22.22)	20.99	(17.63 - 24.80)	0.143

See notes at end of table.

(continued)

Table 5 Alcohol Use in the Past Month among Individuals Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Maine	24.32	(22.19 - 26.58)	25.17	(22.64 - 27.88)	0.475
Aroostook/Downeast	23.08	(19.78 - 26.75)	23.28	(19.81 - 27.14)	0.897
Aroostook	21.51	(17.60 - 26.02)	23.26	(19.20 - 27.87)	0.358
Downeast	24.47	(19.98 - 29.59)	23.29	(19.05 - 28.16)	0.523
Central	22.93	(19.23 - 27.10)	24.74	(20.84 - 29.11)	0.329
Cumberland	26.22	(22.69 - 30.09)	26.59	(22.75 - 30.83)	0.840
Midcoast	22.09	(18.33 - 26.36)	23.57	(19.66 - 27.99)	0.420
Penquis	30.13	(25.60 - 35.10)	27.55	(22.96 - 32.68)	0.248
Western	21.95	(18.24 - 26.16)	23.55	(19.69 - 27.90)	0.378
York	22.10 ^b	(18.71 - 25.90)	25.35	(21.84 - 29.21)	0.054
Maryland	23.03	(20.96 - 25.24)	21.84	(19.57 - 24.31)	0.266
Anne Arundel	25.89	(21.80 - 30.45)	23.52	(19.66 - 27.88)	0.186
Baltimore City	21.77	(17.91 - 26.19)	21.99	(17.97 - 26.61)	0.906
Baltimore County	24.67	(20.93 - 28.85)	24.00	(19.99 - 28.53)	0.709
Montgomery	20.60	(17.41 - 24.20)	18.52	(15.49 - 21.99)	0.164
North Central	21.41	(17.70 - 25.65)	21.45	(18.00 - 25.37)	0.977
Northeast	23.42	(19.44 - 27.93)	22.68	(18.79 - 27.11)	0.676
Prince George's	22.21	(18.53 - 26.39)	22.73	(19.14 - 26.77)	0.773
South	23.35	(19.49 - 27.70)	20.75	(16.98 - 25.10)	0.139
West	25.44 ^b	(21.55 - 29.77)	22.09	(18.27 - 26.46)	0.068
Massachusetts	30.36	(28.11 - 32.71)	30.29	(27.63 - 33.09)	0.957
Boston	40.16 ^a	(34.90 - 45.66)	34.39	(28.93 - 40.29)	0.011
Central	26.37	(22.49 - 30.65)	28.60	(24.44 - 33.16)	0.233
Metrowest	30.28	(26.69 - 34.12)	29.93	(26.15 - 34.02)	0.838
Northeast	27.75	(24.30 - 31.49)	27.42	(23.60 - 31.59)	0.844
Southeast	28.93	(25.36 - 32.78)	29.55	(25.61 - 33.83)	0.731
Western	31.37	(27.19 - 35.88)	33.72	(29.13 - 38.64)	0.249
Michigan	24.55 ^a	(23.25 - 25.89)	21.27	(19.76 - 22.86)	0.000
Region 1	31.06 ^a	(27.09 - 35.34)	26.91	(22.82 - 31.44)	0.028
Region 2	23.26	(19.79 - 27.13)	21.93	(18.49 - 25.80)	0.404
Region 3	23.43	(20.77 - 26.31)	22.55	(19.81 - 25.55)	0.524
Region 4	21.85	(18.90 - 25.12)	20.86	(18.03 - 24.00)	0.516
Region 5	28.49 ^a	(25.81 - 31.32)	23.41	(20.47 - 26.62)	0.001
Region 6	28.01 ^a	(24.94 - 31.30)	23.85	(20.54 - 27.50)	0.015
Region 7	22.96 ^a	(20.56 - 25.54)	17.27	(14.92 - 19.90)	0.000
Region 8	23.18 ^b	(20.43 - 26.18)	20.46	(17.85 - 23.34)	0.058
Region 9	22.26	(19.59 - 25.17)	20.39	(17.59 - 23.50)	0.218
Region 10	22.86	(19.93 - 26.07)	20.57	(17.66 - 23.81)	0.130

See notes at end of table.

(continued)

Table 5 Alcohol Use in the Past Month among Individuals Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Minnesota	24.16	(22.11 - 26.35)	22.49	(20.23 - 24.93)	0.115
Regions 1 and 2	25.60	(21.52 - 30.16)	23.55	(20.13 - 27.35)	0.192
Region 1	--	(-- --)	21.41	(17.43 - 26.01)	--
Region 2	--	(-- --)	25.02	(20.71 - 29.90)	--
Regions 3 and 4	25.33	(21.75 - 29.28)	23.35	(20.20 - 26.84)	0.198
Region 3	--	(-- --)	24.78	(20.16 - 30.07)	--
Region 4	--	(-- --)	22.66	(19.18 - 26.56)	--
Regions 5 and 6	25.71	(22.05 - 29.75)	23.82	(20.72 - 27.22)	0.230
Region 5	--	(-- --)	23.88	(20.20 - 28.00)	--
Region 6	--	(-- --)	23.76	(19.85 - 28.16)	--
Region 7	--	(-- --)	21.57	(19.08 - 24.28)	--
Region 7A (Hennepin)	24.27	(20.80 - 28.12)	23.40	(20.05 - 27.11)	0.591
Region 7B (Ramsey)	24.94 ^b	(20.76 - 29.66)	21.99	(18.26 - 26.24)	0.074
Region 7C	21.04	(18.19 - 24.20)	19.79	(16.66 - 23.35)	0.397
Mississippi	21.14 ^a	(19.16 - 23.27)	17.29	(15.23 - 19.57)	0.000
Region 1	21.05 ^a	(17.72 - 24.82)	17.13	(14.20 - 20.52)	0.010
Region 2	19.42 ^a	(15.98 - 23.40)	14.22	(11.34 - 17.70)	0.001
Region 3	23.73 ^a	(20.08 - 27.81)	19.39	(15.98 - 23.32)	0.012
Region 4	19.33 ^a	(16.24 - 22.84)	16.00	(13.24 - 19.21)	0.015
Region 5	18.86 ^a	(14.99 - 23.44)	15.45	(12.11 - 19.52)	0.029
Region 6	22.42 ^a	(18.84 - 26.45)	19.18	(15.73 - 23.19)	0.046
Region 7	22.29 ^a	(18.62 - 26.44)	18.86	(15.51 - 22.75)	0.040
Missouri	21.91	(19.95 - 24.02)	20.56	(18.32 - 22.98)	0.192
Central	25.98	(22.15 - 30.22)	23.88	(20.00 - 28.26)	0.290
Eastern	21.27	(18.76 - 24.01)	20.49	(17.84 - 23.43)	0.529
Eastern (St. Louis City and County)	19.87	(16.91 - 23.21)	19.13	(16.05 - 22.65)	0.610
Eastern (excluding St. Louis)	23.47	(19.74 - 27.66)	22.49	(18.99 - 26.43)	0.575
Northwest	20.80	(17.94 - 23.98)	20.09	(17.26 - 23.25)	0.598
Northwest (Jackson)	21.42 ^b	(17.75 - 25.61)	18.55	(15.38 - 22.21)	0.087
Northwest (excluding Jackson)	20.31	(16.66 - 24.52)	21.26	(17.67 - 25.36)	0.571
Southeast	21.83	(18.35 - 25.76)	19.24	(15.77 - 23.26)	0.125
Southwest	21.32	(17.64 - 25.53)	19.24	(15.86 - 23.15)	0.220
Montana	25.98 ^a	(23.83 - 28.24)	21.84	(19.53 - 24.33)	0.001
Region 1	24.06 ^a	(20.05 - 28.59)	19.41	(15.71 - 23.72)	0.012
Region 2	22.88 ^a	(19.10 - 27.17)	19.17	(15.84 - 23.01)	0.031
Region 3	22.35 ^a	(19.10 - 25.98)	18.03	(14.99 - 21.52)	0.007
Region 4	29.54 ^a	(25.75 - 33.63)	24.58	(21.21 - 28.29)	0.008
Region 5	27.33 ^b	(24.23 - 30.65)	24.03	(20.78 - 27.61)	0.059

See notes at end of table.

(continued)

Table 5 Alcohol Use in the Past Month among Individuals Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Nebraska	23.20 ^b	(21.14 - 25.40)	21.28	(19.02 - 23.72)	0.090
Regions 1 and 2	21.51	(18.33 - 25.07)	20.64	(17.27 - 24.47)	0.511
Region 1	20.47	(16.31 - 25.36)	21.42	(17.17 - 26.39)	0.584
Region 2	22.42	(18.31 - 27.15)	19.96	(16.02 - 24.57)	0.142
Region 3	22.81	(19.18 - 26.90)	20.74	(17.18 - 24.83)	0.225
Region 4	22.63	(18.51 - 27.37)	19.83	(16.34 - 23.85)	0.108
Region 5	26.83 ^b	(23.42 - 30.54)	23.60	(19.73 - 27.97)	0.092
Region 6	21.74	(18.95 - 24.81)	20.62	(18.10 - 23.40)	0.442
Nevada	23.82	(21.56 - 26.25)	22.21	(19.77 - 24.87)	0.195
Clark – Region 1	22.42	(19.86 - 25.21)	21.14	(18.54 - 24.01)	0.357
Region 3	25.33	(21.82 - 29.20)	23.38	(19.62 - 27.61)	0.204
Capital District	25.08	(20.56 - 30.22)	24.60	(20.01 - 29.85)	0.798
Rural/Frontier	25.53	(21.08 - 30.56)	22.38	(18.02 - 27.45)	0.102
Washoe – Region 2	29.14	(25.20 - 33.42)	26.32	(22.37 - 30.69)	0.148
New Hampshire	32.87 ^a	(30.65 - 35.16)	27.27	(24.88 - 29.80)	0.000
Central	34.94 ^a	(31.91 - 38.10)	29.07	(25.92 - 32.44)	0.000
Central 1	39.58 ^a	(35.68 - 43.62)	32.51	(28.20 - 37.14)	0.002
Central 2	29.76 ^a	(25.67 - 34.21)	25.27	(21.65 - 29.27)	0.022
Northern	39.86 ^a	(35.61 - 44.27)	32.78	(28.26 - 37.64)	0.001
Southern	30.30 ^a	(27.61 - 33.13)	25.19	(22.45 - 28.13)	0.001
Southern 1 (Rockingham)	27.90 ^a	(24.57 - 31.50)	23.09	(19.70 - 26.87)	0.005
Southern 2	31.70 ^a	(28.24 - 35.37)	26.41	(23.10 - 30.01)	0.006
New Jersey	25.33	(23.18 - 27.61)	23.57	(21.55 - 25.72)	0.107
Central	26.01	(22.57 - 29.78)	24.27	(21.37 - 27.42)	0.284
Metropolitan	23.23	(19.85 - 26.98)	20.73	(17.66 - 24.19)	0.108
Northern	26.11	(22.81 - 29.69)	24.45	(21.76 - 27.35)	0.308
Southern	25.96	(22.65 - 29.57)	24.93	(21.63 - 28.54)	0.543
New Mexico	20.03	(18.05 - 22.17)	19.87	(17.69 - 22.25)	0.884
Region 1	17.04	(14.07 - 20.48)	17.06	(14.22 - 20.33)	0.988
Region 2	19.06	(15.60 - 23.09)	19.34	(15.82 - 23.41)	0.871
Region 3 (Bernalillo)	22.76	(19.58 - 26.28)	21.99	(18.95 - 25.37)	0.653
Region 4	20.87	(17.45 - 24.75)	18.56	(15.13 - 22.57)	0.169
Region 5	19.23	(15.98 - 22.95)	20.93	(17.99 - 24.20)	0.241
Region 5a	--	(-- --)	17.52	(14.24 - 21.38)	--
Region 5b (Dona Ana)	--	(-- --)	23.40	(19.53 - 27.78)	--

See notes at end of table.

(continued)

Table 5 Alcohol Use in the Past Month among Individuals Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
New York¹	25.96 ^a	(24.62 - 27.35)	23.54	(22.04 - 25.12)	0.002
Region 1: Long Island	26.88	(24.18 - 29.76)	25.32	(22.56 - 28.31)	0.319
Region 2: New York City	23.31 ^a	(21.50 - 25.22)	20.68	(18.87 - 22.61)	0.005
Region 2A: Bronx	21.93 ^a	(18.77 - 25.46)	17.52	(14.88 - 20.51)	0.004
Region 2B: Kings	--	(-- - --)	20.19	(17.37 - 23.35)	--
Region 2C: New York	32.07	(28.16 - 36.26)	29.63	(25.73 - 33.84)	0.219
Region 2D: Queens	20.79	(17.81 - 24.13)	18.73	(15.90 - 21.93)	0.160
Region 2E: Richmond	--	(-- - --)	20.88	(17.46 - 24.76)	--
Region 3: Mid-Hudson	--	(-- - --)	21.15	(18.36 - 24.24)	--
Region 4: Capital Region	--	(-- - --)	28.61	(25.05 - 32.45)	--
Region 5: Mohawk Valley	--	(-- - --)	26.65	(22.29 - 31.52)	--
Region 6: North Country	--	(-- - --)	24.78	(20.66 - 29.41)	--
Region 7: Tug Hill Seaway	--	(-- - --)	27.23	(23.09 - 31.82)	--
Region 8: Central	--	(-- - --)	26.30	(22.79 - 30.13)	--
Region 9: Southern Tier	--	(-- - --)	32.87	(28.19 - 37.92)	--
Region 10: Finger Lakes	--	(-- - --)	26.45	(23.25 - 29.92)	--
Region 11: Western	--	(-- - --)	26.21	(23.20 - 29.45)	--
North Carolina	18.73 ^a	(17.00 - 20.58)	16.91	(15.15 - 18.84)	0.033
Alliance Behavioral Healthcare 1	16.67	(13.44 - 20.49)	16.53	(13.59 - 19.96)	0.928
Alliance Behavioral Healthcare 2	20.48 ^a	(16.91 - 24.58)	15.30	(12.53 - 18.56)	0.001
Cardinal Innovations Healthcare Solutions 1	18.01	(14.61 - 22.01)	16.38	(13.45 - 19.79)	0.243
Cardinal Innovations Healthcare Solutions 2	19.53	(16.00 - 23.62)	17.16	(13.84 - 21.08)	0.114
Cardinal Innovations Healthcare Solutions 3	17.82	(14.54 - 21.65)	16.37	(13.61 - 19.56)	0.307
CenterPoint Human Services	17.11	(13.84 - 20.97)	18.41	(15.05 - 22.32)	0.352
Eastpointe	13.27	(10.68 - 16.37)	13.23	(10.65 - 16.31)	0.974
Partners Behavioral Health Management	18.36	(15.33 - 21.85)	16.49	(13.66 - 19.78)	0.176
Sandhills Center 1	18.10 ^a	(14.53 - 22.31)	14.48	(11.57 - 17.97)	0.011
Sandhills Center 2	19.25	(15.60 - 23.50)	18.99	(15.54 - 23.01)	0.874
Smoky Mountain Center 1	23.57 ^a	(19.29 - 28.46)	17.35	(13.89 - 21.45)	0.000
Smoky Mountain Center 2	20.39 ^a	(16.63 - 24.75)	17.07	(14.03 - 20.61)	0.032
Trillium Health Resources 1	19.88	(15.88 - 24.58)	19.11	(15.78 - 22.94)	0.639
Trillium Health Resources 2	23.10	(18.53 - 28.40)	23.70	(19.49 - 28.49)	0.750

See notes at end of table.

(continued)

Table 5 Alcohol Use in the Past Month among Individuals Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
North Dakota	30.54	(28.11 - 33.07)	30.65	(28.13 - 33.28)	0.930
Badlands and West Central	28.06	(24.40 - 32.04)	29.09	(25.65 - 32.79)	0.546
Badlands	--	(-- --)	27.29	(22.41 - 32.78)	--
West Central	--	(-- --)	29.59	(25.74 - 33.74)	--
Lake Region	18.78	(15.36 - 22.76)	20.78	(16.99 - 25.15)	0.228
North Central	26.79	(22.12 - 32.04)	28.24	(23.66 - 33.31)	0.499
Northeast	41.40	(36.60 - 46.37)	39.71	(34.83 - 44.81)	0.484
Northwest	24.08	(19.78 - 28.96)	25.26	(20.78 - 30.33)	0.532
South Central	26.77	(22.28 - 31.79)	28.02	(23.29 - 33.30)	0.526
Southeast	33.45	(29.66 - 37.47)	32.41	(28.78 - 36.25)	0.589
Ohio	24.28 ^a	(22.98 - 25.63)	21.44	(19.83 - 23.13)	0.000
Boards 2, 46, 55, and 68	23.79	(20.10 - 27.92)	23.30	(19.61 - 27.46)	0.772
Boards 3, 52, and 85	23.32 ^b	(19.70 - 27.38)	20.60	(17.11 - 24.58)	0.087
Boards 4 and 78	21.53	(18.01 - 25.53)	19.60	(16.22 - 23.48)	0.202
Boards 5 and 60	30.31 ^a	(26.49 - 34.42)	25.65	(21.36 - 30.45)	0.015
Boards 7, 15, 41, 79, and 84	20.09	(16.95 - 23.65)	19.77	(16.32 - 23.74)	0.834
Boards 8, 13, and 83	21.45	(18.25 - 25.05)	19.60	(16.33 - 23.34)	0.228
Board 9 (Butler)	27.13 ^a	(23.12 - 31.56)	22.52	(18.83 - 26.70)	0.008
Board 12	26.27 ^a	(22.12 - 30.90)	22.71	(18.98 - 26.94)	0.048
Boards 18 and 47	24.00 ^a	(21.29 - 26.94)	20.17	(17.49 - 23.14)	0.009
Boards 20, 32, 54, and 69	22.45	(19.00 - 26.33)	19.86	(16.60 - 23.59)	0.112
Boards 21, 39, 51, 70, and 80	20.42	(17.40 - 23.80)	18.27	(15.21 - 21.79)	0.137
Boards 22, 74, and 87	27.37	(23.48 - 31.63)	25.16	(21.50 - 29.21)	0.211
Boards 23 and 45	22.90 ^a	(19.35 - 26.89)	19.55	(16.43 - 23.11)	0.042
Board 25 (Franklin)	26.68 ^a	(23.64 - 29.94)	21.70	(18.87 - 24.83)	0.001
Boards 27, 71, and 73	20.69 ^b	(17.55 - 24.24)	18.06	(15.10 - 21.47)	0.074
Boards 28, 43, and 67	28.41 ^b	(25.08 - 31.99)	25.20	(21.70 - 29.06)	0.056
Board 31 (Hamilton)	23.87	(20.60 - 27.47)	23.08	(19.64 - 26.91)	0.629
Board 48 (Lucas)	24.90 ^a	(21.12 - 29.11)	20.02	(16.51 - 24.06)	0.003
Boards 50 and 76	23.34	(20.07 - 26.97)	21.69	(18.57 - 25.16)	0.296
Board 57 (Montgomery)	23.32	(19.80 - 27.25)	22.23	(18.69 - 26.23)	0.517
Board 77 (Summit)	26.03 ^b	(22.47 - 29.95)	22.93	(19.54 - 26.71)	0.061
Oklahoma	22.62 ^a	(20.59 - 24.78)	19.11	(16.87 - 21.56)	0.001
Central	26.95 ^a	(22.92 - 31.39)	23.18	(19.44 - 27.39)	0.040
East Central	18.54 ^b	(15.16 - 22.47)	15.74	(12.51 - 19.62)	0.074
Northeast	25.33 ^a	(21.54 - 29.54)	21.11	(17.34 - 25.45)	0.020
Northwest and Southwest	21.99	(18.21 - 26.32)	19.60	(16.30 - 23.39)	0.148
Oklahoma County	22.89 ^a	(19.32 - 26.90)	19.31	(16.15 - 22.92)	0.026
Southeast	19.58	(16.20 - 23.46)	17.25	(13.93 - 21.17)	0.154
Tulsa County	22.55 ^a	(18.91 - 26.66)	17.44	(14.36 - 21.03)	0.001

See notes at end of table.

(continued)

Table 5 Alcohol Use in the Past Month among Individuals Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Oregon	25.61 ^a	(23.51 - 27.82)	22.44	(20.22 - 24.82)	0.003
Region 1 (Multnomah)	24.64 ^a	(20.91 - 28.78)	20.59	(17.29 - 24.34)	0.017
Region 2	24.09 ^b	(20.87 - 27.64)	21.34	(18.48 - 24.50)	0.080
Region 3	28.39 ^a	(24.99 - 32.05)	24.30	(20.98 - 27.95)	0.014
Region 4	23.76	(19.93 - 28.07)	23.02	(19.51 - 26.96)	0.657
Region 5 (Central)	23.95 ^b	(19.98 - 28.43)	20.68	(16.72 - 25.28)	0.057
Region 6 (Eastern)	24.22	(19.93 - 29.09)	22.15	(18.21 - 26.66)	0.219
Pennsylvania	26.18 ^a	(24.84 - 27.56)	23.76	(22.14 - 25.46)	0.002
Region 1 (Allegheny)	28.02 ^a	(24.71 - 31.59)	23.39	(20.21 - 26.92)	0.006
Regions 3, 8, 9, and 51	30.28	(26.57 - 34.26)	27.37	(23.67 - 31.42)	0.120
Regions 4, 11, 37, and 49	24.92	(21.73 - 28.40)	23.88	(20.50 - 27.62)	0.506
Regions 5, 18, 23, 24, and 46	21.96	(18.61 - 25.73)	20.35	(17.09 - 24.06)	0.314
Regions 6, 12, 16, 31, 35, 45, and 47	34.78	(30.62 - 39.18)	33.26	(29.03 - 37.78)	0.463
Regions 7, 13, 20, and 33	25.45 ^b	(23.08 - 27.97)	23.10	(20.51 - 25.91)	0.080
Regions 10, 15, 27, 32, 43, and 44	22.43	(19.04 - 26.23)	20.03	(16.58 - 23.99)	0.136
Regions 17 and 21	28.19	(23.97 - 32.83)	25.97	(21.86 - 30.55)	0.242
Regions 19, 26, 28, and 42	23.64 ^a	(21.12 - 26.35)	20.39	(17.63 - 23.47)	0.019
Regions 22, 38, 40, 41, and 48	23.87	(20.57 - 27.52)	23.54	(20.19 - 27.25)	0.836
Regions 29 and 34	24.51	(20.89 - 28.54)	22.67	(19.11 - 26.68)	0.260
Regions 30 and 50	26.43 ^a	(22.73 - 30.49)	22.51	(18.89 - 26.59)	0.024
Region 36 (Philadelphia)	27.38	(24.23 - 30.78)	25.10	(21.91 - 28.59)	0.169
Rhode Island	31.68 ^a	(29.14 - 34.34)	25.97	(23.23 - 28.91)	0.000
Region 1: Southern Providence County	--	(-- --)	26.45	(22.34 - 31.01)	--
Region 2: Northern Providence County/Blackstone Valley	--	(-- --)	21.32	(18.00 - 25.07)	--
Region 3: Providence	--	(-- --)	26.52	(21.87 - 31.76)	--
Region 4: Kent County	--	(-- --)	23.39	(19.88 - 27.32)	--
Region 5: East Bay	--	(-- --)	27.02	(22.72 - 31.79)	--
Region 6: Newport County	--	(-- --)	26.68	(22.16 - 31.76)	--
Region 7: South County	--	(-- --)	33.03	(28.13 - 38.34)	--
South Carolina	20.50	(18.58 - 22.56)	19.52	(17.36 - 21.87)	0.339
Region 1	20.87 ^a	(17.82 - 24.29)	17.87	(15.08 - 21.06)	0.042
Region 2	19.33	(16.36 - 22.71)	20.05	(17.07 - 23.40)	0.633
Region 3	18.56	(15.48 - 22.10)	17.92	(14.82 - 21.51)	0.672
Region 4	22.42	(19.27 - 25.91)	22.00	(18.76 - 25.63)	0.796
South Dakota	25.38	(23.26 - 27.63)	25.56	(23.22 - 28.06)	0.866
Region 1	22.45	(19.08 - 26.22)	24.12	(20.79 - 27.79)	0.307
Region 2	20.39	(16.99 - 24.27)	19.38	(15.93 - 23.38)	0.514
Region 3	31.28	(27.70 - 35.10)	31.04	(27.29 - 35.05)	0.888
Region 4	29.19	(25.30 - 33.42)	28.11	(24.19 - 32.39)	0.540
Region 5	22.24	(19.06 - 25.79)	22.85	(19.82 - 26.20)	0.674

See notes at end of table.

(continued)

Table 5 Alcohol Use in the Past Month among Individuals Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014		2014-2016		P Value
	2012-2014 (Estimate)	(95% Confidence Interval)	2014-2016 (Estimate)	(95% Confidence Interval)	
Tennessee	17.57	(15.62 - 19.69)	18.31	(16.12 - 20.71)	0.461
Region 1	18.18	(14.59 - 22.42)	17.95	(14.58 - 21.89)	0.885
Region 2	18.10	(14.82 - 21.93)	19.24	(15.82 - 23.20)	0.461
Region 3	16.80	(13.69 - 20.45)	18.18	(14.80 - 22.12)	0.367
Region 4 (Davidson)	19.85	(16.10 - 24.23)	19.47	(15.65 - 23.94)	0.828
Region 5	19.61	(16.50 - 23.15)	19.36	(16.34 - 22.78)	0.870
Region 6	14.57 ^a	(11.50 - 18.28)	17.80	(14.23 - 22.03)	0.039
Region 7 (Shelby)	14.66	(11.93 - 17.89)	15.36	(12.48 - 18.77)	0.600
Texas	21.52 ^a	(20.34 - 22.75)	18.53	(17.22 - 19.92)	0.000
Region 1	25.92 ^b	(22.19 - 30.04)	22.93	(19.42 - 26.88)	0.086
Region 2	25.32	(21.17 - 29.97)	22.95	(19.20 - 27.19)	0.190
Region 3	20.52 ^a	(18.80 - 22.34)	16.23	(14.57 - 18.03)	0.000
Region 3a	19.96 ^a	(17.83 - 22.27)	15.46	(13.49 - 17.65)	0.000
Region 3bc	21.50 ^a	(18.93 - 24.30)	17.60	(15.18 - 20.30)	0.005
Region 4	20.19 ^b	(17.15 - 23.62)	17.79	(14.84 - 21.18)	0.099
Region 5	22.26	(18.48 - 26.57)	21.09	(17.71 - 24.93)	0.482
Region 6	19.83 ^a	(17.81 - 22.01)	16.88	(14.93 - 19.04)	0.005
Region 6a	19.26 ^a	(17.12 - 21.59)	16.75	(14.68 - 19.04)	0.028
Region 6bc	24.91 ^a	(20.97 - 29.30)	18.12	(15.03 - 21.69)	0.000
Region 7	25.80 ^b	(23.36 - 28.41)	23.49	(20.94 - 26.24)	0.060
Region 7a	25.20	(22.05 - 28.63)	22.86	(19.80 - 26.23)	0.125
Region 7bcd	26.73	(23.34 - 30.41)	24.50	(20.94 - 28.44)	0.184
Region 8	21.74	(18.95 - 24.82)	20.67	(18.00 - 23.62)	0.455
Region 9	23.39 ^b	(19.44 - 27.87)	20.55	(17.11 - 24.48)	0.080
Region 10	22.97 ^a	(19.53 - 26.82)	17.80	(14.76 - 21.32)	0.001
Region 11	20.00 ^a	(17.62 - 22.60)	17.55	(15.32 - 20.02)	0.038
Region 11abd	20.77 ^a	(17.74 - 24.17)	17.71	(14.91 - 20.91)	0.039
Region 11c (Hidalgo)	18.81	(15.68 - 22.39)	17.29	(14.37 - 20.65)	0.292
Utah	14.39 ^a	(12.35 - 16.70)	11.15	(9.22 - 13.43)	0.004
Bear River, Northeastern, Summit, Tooele, and Wasatch	13.72 ^a	(10.72 - 17.39)	10.50	(7.81 - 13.96)	0.028
Central, Four Corners, San Juan, and Southwest	15.81 ^a	(12.31 - 20.07)	12.00	(9.34 - 15.28)	0.013
Central, Four Corners, and San Juan	--	(-- - --)	11.08	(8.15 - 14.89)	--
Southwest	--	(-- - --)	12.60	(9.47 - 16.58)	--
Davis County	14.08 ^a	(11.09 - 17.71)	9.81	(7.40 - 12.91)	0.001
Salt Lake County	14.85 ^b	(12.29 - 17.83)	12.40	(9.96 - 15.32)	0.082
Utah County	12.92 ^a	(9.95 - 16.62)	9.38	(6.97 - 12.52)	0.013
Weber, Morgan	15.59 ^a	(12.11 - 19.83)	11.95	(9.08 - 15.58)	0.024
Vermont	30.24	(27.94 - 32.64)	30.89	(28.17 - 33.75)	0.612
Champlain Valley	35.98	(32.83 - 39.25)	35.93	(32.20 - 39.84)	0.980
Rural Northeast	27.30	(23.51 - 31.46)	27.96	(24.13 - 32.15)	0.723
Rural Southeast	24.07	(20.43 - 28.14)	25.79	(22.08 - 29.88)	0.324
Rural Southwest	25.03	(20.98 - 29.57)	26.63	(22.30 - 31.46)	0.412

See notes at end of table.

(continued)

Table 5 Alcohol Use in the Past Month among Individuals Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Virginia	22.70 ^a	(20.66 - 24.87)	20.47	(18.63 - 22.44)	0.023
Region 1	24.42	(20.95 - 28.26)	22.76	(19.60 - 26.26)	0.306
Region 2	18.93	(16.06 - 22.18)	17.25	(14.80 - 20.02)	0.213
Region 3	26.15 ^b	(22.20 - 30.53)	22.89	(19.70 - 26.42)	0.061
Region 4	24.76 ^a	(21.06 - 28.86)	20.17	(17.14 - 23.59)	0.006
Region 5	21.87	(18.56 - 25.59)	21.14	(18.29 - 24.30)	0.656
Washington¹	24.01 ^a	(22.00 - 26.15)	20.04	(17.94 - 22.31)	0.000
Region 1	25.32 ^a	(22.15 - 28.77)	20.29	(17.38 - 23.55)	0.001
Greater Columbia and North Central	24.63 ^a	(20.79 - 28.92)	18.32	(15.02 - 22.15)	0.000
Spokane	26.50	(22.10 - 31.42)	23.72	(19.46 - 28.58)	0.157
Region 2	24.28 ^a	(21.64 - 27.14)	20.44	(17.90 - 23.25)	0.002
King	24.06 ^a	(20.87 - 27.58)	20.22	(17.17 - 23.65)	0.014
North Sound	24.62 ^a	(20.95 - 28.69)	20.81	(17.48 - 24.58)	0.023
Region 3	22.65 ^a	(20.12 - 25.40)	19.30	(16.84 - 22.02)	0.003
Pierce	22.58 ^a	(19.09 - 26.50)	17.58	(14.48 - 21.19)	0.002
Salish	22.86 ^b	(18.48 - 27.93)	19.57	(15.63 - 24.21)	0.059
SW WA and Great Rivers	22.38	(18.61 - 26.67)	20.67	(17.06 - 24.82)	0.313
Thurston-Mason	23.24 ^b	(18.86 - 28.28)	20.43	(16.50 - 25.02)	0.088
West Virginia	22.23	(20.19 - 24.40)	22.52	(20.15 - 25.09)	0.794
Region I	22.89	(18.35 - 28.15)	23.80	(19.55 - 28.66)	0.638
Region II	20.62	(16.85 - 24.98)	21.93	(18.10 - 26.30)	0.482
Region III	18.35	(14.65 - 22.73)	19.31	(15.68 - 23.54)	0.583
Region IV	30.99	(27.52 - 34.68)	29.49	(25.49 - 33.83)	0.462
Region V	19.21	(16.17 - 22.66)	20.05	(16.88 - 23.65)	0.596
Region VI	18.08	(14.93 - 21.73)	18.51	(15.39 - 22.09)	0.785
Wisconsin	27.41 ^a	(25.28 - 29.64)	23.77	(21.52 - 26.17)	0.001
Milwaukee	28.01 ^a	(24.17 - 32.20)	21.20	(18.02 - 24.77)	0.000
Northeastern	26.13	(22.66 - 29.92)	23.90	(20.44 - 27.73)	0.184
Northern	27.29 ^a	(23.14 - 31.88)	23.55	(19.85 - 27.71)	0.033
Southeastern	25.59	(22.05 - 29.49)	23.13	(19.86 - 26.76)	0.134
Southern	28.45 ^b	(24.71 - 32.51)	25.25	(21.97 - 28.85)	0.059
Western	29.96 ^a	(25.94 - 34.32)	25.91	(22.18 - 30.03)	0.024

See notes at end of table.

(continued)

Table 5 Alcohol Use in the Past Month among Individuals Aged 12 to 20, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Wyoming	24.36	(22.01 - 26.87)	22.65	(20.31 - 25.17)	0.184
Judicial District 1 (Laramie)	24.74 ^b	(20.91 - 29.02)	21.56	(18.03 - 25.56)	0.093
Judicial District 2	37.71	(32.04 - 43.73)	38.85	(33.68 - 44.29)	0.687
Judicial District 3	20.03	(16.57 - 24.00)	17.52	(14.40 - 21.16)	0.145
Judicial District 4	25.15	(21.03 - 29.78)	22.46	(18.38 - 27.14)	0.169
Judicial District 5	22.82	(18.73 - 27.51)	22.73	(18.84 - 27.15)	0.960
Judicial District 6	22.09	(18.27 - 26.45)	20.50	(17.03 - 24.46)	0.402
Judicial District 7 (Natrona)	23.46	(19.38 - 28.10)	20.67	(17.10 - 24.76)	0.146
Judicial District 8	24.58	(20.33 - 29.39)	23.33	(19.44 - 27.73)	0.531
Judicial District 9	20.17	(16.57 - 24.33)	19.84	(16.32 - 23.90)	0.843

SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2012-2014 and 2014-2016); hence, the 2012-2014 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

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 significance levels for the null hypothesis of no change between the 2012-2014 and 2014-2016 population percentages. The "Total U.S." estimates, along with the 95 percent confidence intervals and the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2012-2014 and 2014-2016 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2012-2014 and 2014-2016 population percentages 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 (2012-2014 vs. 2014-2016). For details, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012-2016.

Table 6 Tobacco Product Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Total United States	25.81 ^a	(25.45 - 26.18)	24.22	(23.90 - 24.54)	0.000
Northeast	24.32 ^a	(23.63 - 25.03)	23.18	(22.52 - 23.85)	0.004
Midwest	28.98 ^a	(28.40 - 29.56)	27.15	(26.55 - 27.76)	0.000
South	27.30 ^a	(26.76 - 27.85)	25.92	(25.40 - 26.45)	0.000
West	21.69 ^a	(21.02 - 22.38)	19.66	(19.06 - 20.28)	0.000
Alabama	31.88	(29.53 - 34.32)	29.95	(28.00 - 31.98)	0.115
Region 1	31.86	(28.03 - 35.95)	32.43	(29.19 - 35.84)	0.771
Region 2	31.84	(28.36 - 35.53)	29.79	(26.84 - 32.92)	0.263
Region 3	27.65	(24.13 - 31.47)	26.08	(22.79 - 29.66)	0.375
Region 4	35.37 ^a	(31.16 - 39.81)	30.18	(26.84 - 33.73)	0.012
Alaska	30.93	(28.66 - 33.29)	30.87	(28.93 - 32.87)	0.960
Anchorage	27.20	(24.29 - 30.31)	26.80	(24.45 - 29.30)	0.793
Northern	39.46	(35.11 - 43.98)	37.65	(33.97 - 41.47)	0.390
South Central	30.65	(26.95 - 34.62)	32.13	(28.84 - 35.61)	0.441
Southeast	28.24	(24.10 - 32.79)	29.23	(25.15 - 33.68)	0.630
Arizona¹	23.22	(21.16 - 25.43)	22.17	(20.41 - 24.04)	0.321
Central	22.85	(20.38 - 25.53)	21.13	(19.10 - 23.31)	0.179
North	--	(-- --)	26.51	(22.66 - 30.74)	--
South	--	(-- --)	22.53	(19.81 - 25.50)	--
South A	23.20	(19.61 - 27.23)	21.09	(18.10 - 24.42)	0.210
South B	--	(-- --)	24.26	(20.43 - 28.56)	--
Arkansas	33.86	(31.59 - 36.20)	33.42	(31.31 - 35.59)	0.720
Catchment Area 1	27.33	(23.55 - 31.47)	26.66	(23.46 - 30.13)	0.723
Catchment Area 2	39.41	(34.64 - 44.39)	38.01	(33.58 - 42.64)	0.548
Catchment Area 3	35.99	(31.59 - 40.64)	34.03	(30.02 - 38.27)	0.380
Catchment Area 4	34.62	(30.08 - 39.46)	34.51	(30.40 - 38.87)	0.960
Catchment Area 5	35.00	(30.63 - 39.64)	33.20	(29.40 - 37.23)	0.395
Catchment Area 6	37.73	(32.71 - 43.02)	36.77	(32.38 - 41.39)	0.678
Catchment Area 7	34.60	(29.77 - 39.76)	36.48	(31.96 - 41.26)	0.423
Catchment Area 8	31.43	(27.36 - 35.80)	33.14	(29.34 - 37.17)	0.414

See notes at end of table.

(continued)

Table 6 Tobacco Product Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
California	18.73 ^a	(17.73 - 19.77)	17.37	(16.54 - 18.24)	0.012
Region 1R	26.27	(22.57 - 30.34)	25.48	(22.10 - 29.19)	0.650
Region 2R	20.23	(17.06 - 23.82)	19.33	(16.68 - 22.29)	0.538
Region 3R (Sacramento)	22.82 ^a	(19.56 - 26.45)	19.38	(17.00 - 22.00)	0.020
Region 4R	18.68	(15.96 - 21.74)	17.82	(15.35 - 20.59)	0.519
Region 5R (San Francisco)	20.11 ^a	(16.61 - 24.14)	16.34	(13.61 - 19.49)	0.013
Region 6 (Santa Clara)	14.29	(12.00 - 16.94)	12.76	(11.00 - 14.76)	0.156
Region 7R (Contra Costa)	17.16	(14.33 - 20.41)	16.01	(13.77 - 18.53)	0.371
Region 8R (Alameda)	16.78	(14.19 - 19.74)	14.90	(12.72 - 17.38)	0.125
Region 9R (San Mateo)	15.17	(12.40 - 18.42)	14.02	(11.71 - 16.70)	0.365
Region 10	17.73	(15.00 - 20.83)	17.72	(15.03 - 20.78)	0.995
Region 11 (Los Angeles)	18.30 ^a	(16.95 - 19.73)	16.04	(14.94 - 17.20)	0.001
LA SPA 1 and 5	19.42 ^a	(16.30 - 22.97)	16.35	(14.02 - 18.99)	0.024
LA SPA 2	18.96 ^a	(16.30 - 21.94)	15.59	(13.55 - 17.87)	0.006
LA SPA 3	14.39	(11.98 - 17.19)	14.03	(11.92 - 16.43)	0.757
LA SPA 4	21.12 ^a	(17.83 - 24.84)	17.68	(15.05 - 20.67)	0.019
LA SPA 6	21.70 ^b	(18.37 - 25.44)	18.99	(16.18 - 22.15)	0.074
LA SPA 7	17.13	(14.53 - 20.10)	15.28	(12.92 - 17.98)	0.154
LA SPA 8	17.82	(15.26 - 20.70)	16.35	(14.09 - 18.89)	0.236
Region 12R	21.64	(18.18 - 25.55)	20.93	(17.88 - 24.34)	0.666
Regions 13 and 19R	17.46	(15.06 - 20.16)	17.94	(15.75 - 20.35)	0.690
Region 14 (Orange)	17.11	(14.88 - 19.60)	15.27	(13.32 - 17.44)	0.105
Region 15R (Fresno)	20.12	(16.96 - 23.70)	19.33	(16.59 - 22.40)	0.584
Region 16R (San Diego)	18.78	(16.37 - 21.44)	18.17	(16.10 - 20.45)	0.626
Region 17R	21.69	(18.76 - 24.94)	21.46	(18.90 - 24.26)	0.869
Region 18R (San Bernardino)	20.23	(17.39 - 23.40)	19.86	(17.45 - 22.52)	0.791
Region 20R	20.63	(17.63 - 23.99)	20.12	(17.28 - 23.29)	0.718
Region 21R	19.14	(16.08 - 22.63)	18.78	(15.97 - 21.96)	0.801
Colorado	27.45 ^a	(25.37 - 29.63)	22.34	(20.57 - 24.23)	0.000
Region 1	--	(-- --)	22.11	(19.21 - 25.31)	--
Region 2	--	(-- --)	23.89	(20.25 - 27.96)	--
Region 3	--	(-- --)	22.02	(19.24 - 25.07)	--
Region 4	--	(-- --)	26.96	(22.96 - 31.37)	--
Region 5	--	(-- --)	22.49	(19.17 - 26.20)	--
Region 6	--	(-- --)	19.82	(17.15 - 22.79)	--
Region 7	--	(-- --)	23.10	(19.93 - 26.61)	--
Connecticut	21.58	(19.63 - 23.65)	22.19	(20.34 - 24.16)	0.566
Eastern	24.18	(20.69 - 28.05)	26.99	(23.28 - 31.05)	0.131
North Central	21.76	(18.79 - 25.06)	22.43	(19.70 - 25.41)	0.674
Northwestern	20.19	(17.07 - 23.72)	21.87	(18.83 - 25.25)	0.301
South Central	22.17	(18.91 - 25.81)	22.80	(19.75 - 26.17)	0.712
Southwest	20.15	(16.96 - 23.78)	18.36	(15.57 - 21.52)	0.275

See notes at end of table.

(continued)

Table 6 Tobacco Product Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Delaware	28.03 ^a	(25.84 - 30.32)	24.18	(22.27 - 26.18)	0.001
Kent	30.83 ^a	(26.88 - 35.09)	25.91	(22.62 - 29.49)	0.016
New Castle (excluding Wilmington City)	25.16 ^a	(22.55 - 27.97)	21.71	(19.48 - 24.12)	0.015
Sussex	30.78 ^b	(26.75 - 35.14)	26.89	(23.42 - 30.68)	0.058
Wilmington City	32.37 ^b	(27.48 - 37.68)	28.37	(24.14 - 33.02)	0.069
District of Columbia	26.22 ^a	(24.21 - 28.34)	23.69	(21.75 - 25.74)	0.023
Ward 1	27.23 ^a	(23.21 - 31.66)	22.24	(18.59 - 26.38)	0.007
Ward 2	25.31	(21.48 - 29.57)	22.85	(19.44 - 26.66)	0.164
Ward 3	19.99	(16.81 - 23.59)	19.00	(15.99 - 22.43)	0.528
Ward 4	22.58	(18.95 - 26.68)	20.94	(17.61 - 24.72)	0.355
Ward 5	28.81	(24.79 - 33.21)	25.77	(22.07 - 29.85)	0.129
Ward 6	25.81 ^a	(21.98 - 30.04)	20.73	(17.63 - 24.21)	0.007
Ward 7	27.99	(23.77 - 32.64)	27.86	(24.01 - 32.07)	0.951
Ward 8	33.08	(28.85 - 37.61)	31.20	(27.23 - 35.47)	0.383
Florida	24.13 ^a	(22.98 - 25.31)	21.70	(20.64 - 22.81)	0.000
Broward (Circuit 17)	19.84	(17.19 - 22.78)	18.75	(16.32 - 21.45)	0.432
Central I	22.69 ^a	(20.58 - 24.95)	19.83	(18.03 - 21.77)	0.009
Circuit 9	21.58 ^a	(18.86 - 24.58)	17.73	(15.65 - 20.03)	0.004
Circuit 18	24.31	(21.26 - 27.64)	22.93	(20.08 - 26.07)	0.384
Central II	24.70	(22.97 - 26.51)	23.40	(21.86 - 25.02)	0.160
Circuit 6	27.41	(24.12 - 30.97)	25.64	(22.66 - 28.86)	0.309
Circuit 10	26.73	(23.21 - 30.58)	26.35	(23.03 - 29.96)	0.831
Circuit 12	21.74	(18.53 - 25.33)	21.09	(18.15 - 24.36)	0.682
Circuit 13 (Hillsborough)	23.71	(20.79 - 26.90)	23.40	(20.72 - 26.32)	0.836
Circuit 20	23.18	(19.97 - 26.74)	20.50	(17.56 - 23.80)	0.101
Northeast	29.29 ^a	(27.20 - 31.46)	24.96	(23.06 - 26.97)	0.000
Circuit 4	27.74 ^a	(24.41 - 31.35)	24.51	(21.44 - 27.85)	0.045
Circuit 5	29.25 ^a	(25.57 - 33.23)	24.80	(21.59 - 28.32)	0.017
Circuit 7	29.43 ^a	(25.61 - 33.57)	24.58	(21.35 - 28.12)	0.013
Circuit 8 plus Columbia, Dixie, Hamilton, Lafayette, and Suwannee	32.33 ^a	(28.25 - 36.69)	26.90	(23.11 - 31.06)	0.005
Northwest	29.98 ^a	(27.30 - 32.80)	25.36	(23.20 - 27.64)	0.000
Circuit 1	29.60 ^a	(25.48 - 34.09)	23.73	(20.67 - 27.08)	0.002
Circuit 2 plus Madison and Taylor	29.82 ^a	(25.94 - 34.01)	24.95	(21.76 - 28.45)	0.004
Circuit 14	31.10	(26.54 - 36.06)	29.84	(25.77 - 34.26)	0.530
South (Circuits 11 and 16)	18.45 ^a	(16.22 - 20.91)	15.65	(13.75 - 17.77)	0.020
Southeast	22.11	(19.70 - 24.73)	21.58	(19.38 - 23.96)	0.657
Circuit 15 (Palm Beach)	20.24	(17.39 - 23.43)	20.34	(17.66 - 23.32)	0.943
Circuit 19	26.21	(22.40 - 30.42)	24.30	(21.06 - 27.86)	0.299

See notes at end of table.

(continued)

Table 6 Tobacco Product Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Georgia	26.49	(24.49 - 28.59)	25.37	(23.87 - 26.94)	0.274
Region 1	27.09	(23.74 - 30.72)	24.54	(22.19 - 27.06)	0.127
Region 2	27.56	(23.98 - 31.45)	27.12	(24.12 - 30.35)	0.809
Region 3	21.90	(19.05 - 25.06)	21.42	(19.17 - 23.85)	0.745
Region 4	32.84	(28.17 - 37.87)	31.48	(27.50 - 35.75)	0.529
Region 5	30.29	(25.97 - 34.98)	30.02	(26.52 - 33.76)	0.897
Region 6	28.28	(24.34 - 32.58)	27.30	(24.16 - 30.69)	0.610
Hawaii	20.31	(18.33 - 22.45)	19.10	(17.36 - 20.96)	0.255
Hawaii Island	23.07	(19.28 - 27.37)	21.14	(17.91 - 24.76)	0.275
Honolulu	19.31	(17.07 - 21.76)	18.29	(16.36 - 20.39)	0.407
Kauai	22.24	(18.07 - 27.05)	21.41	(17.81 - 25.51)	0.671
Maui	22.46	(18.84 - 26.56)	20.73	(17.43 - 24.46)	0.317
Idaho	24.53 ^a	(22.58 - 26.59)	21.82	(20.14 - 23.60)	0.010
Region 1	26.87	(22.85 - 31.32)	25.20	(21.70 - 29.06)	0.393
Region 2	27.11 ^b	(22.78 - 31.92)	23.64	(19.94 - 27.79)	0.077
Region 3	24.99 ^b	(21.46 - 28.90)	21.87	(18.99 - 25.05)	0.077
Region 4	25.11 ^a	(22.06 - 28.43)	21.76	(19.26 - 24.48)	0.040
Region 5	23.19	(19.62 - 27.19)	22.76	(19.57 - 26.31)	0.803
Region 6	24.62 ^a	(20.82 - 28.87)	21.09	(17.67 - 24.97)	0.041
Region 7	20.63 ^b	(17.47 - 24.20)	17.63	(14.96 - 20.68)	0.063
Illinois	25.76 ^a	(24.63 - 26.94)	23.76	(22.56 - 25.00)	0.002
Region 1 (Cook)	23.71 ^a	(21.93 - 25.58)	21.03	(19.53 - 22.62)	0.002
Region 1.1 (Far North Side)	--	(-- --)	20.70	(17.51 - 24.30)	--
Region 1.2 (Northwest Side)	--	(-- --)	21.14	(17.72 - 25.04)	--
Region 1.3 (North Central Side)	--	(-- --)	20.97	(17.67 - 24.71)	--
Region 1.4 (West Side)	--	(-- --)	24.47	(20.78 - 28.58)	--
Region 1.5 (South Side)	--	(-- --)	24.56	(21.10 - 28.38)	--
Region 1.6 (Southwest Side)	--	(-- --)	23.93	(20.52 - 27.71)	--
Region 1.7 (Suburban Cook)	--	(-- --)	19.11	(17.05 - 21.34)	--
Region 2	23.26 ^a	(21.51 - 25.12)	21.28	(19.71 - 22.93)	0.030
Region 2a (DuPage)	--	(-- --)	16.76	(14.41 - 19.39)	--
Region 2b	--	(-- --)	20.47	(18.41 - 22.70)	--
Region 2c (Winnebago)	--	(-- --)	28.71	(24.85 - 32.92)	--
Region 2d	--	(-- --)	27.14	(23.82 - 30.73)	--
Region 3	31.10	(28.23 - 34.12)	30.33	(27.65 - 33.16)	0.609
Region 3a (Champaign)	--	(-- --)	25.25	(21.78 - 29.07)	--
Region 3b	--	(-- --)	31.18	(28.16 - 34.36)	--
Region 4	33.94 ^b	(30.58 - 37.48)	30.72	(27.77 - 33.83)	0.056
Region 4a (Sangamon)	--	(-- --)	27.87	(23.94 - 32.17)	--
Region 4b	--	(-- --)	31.53	(28.10 - 35.18)	--
Region 5	30.50	(27.38 - 33.81)	30.91	(28.13 - 33.83)	0.798
Region 5a	--	(-- --)	27.09	(23.47 - 31.06)	--
Region 5b	--	(-- --)	33.97	(30.32 - 37.82)	--

See notes at end of table.

(continued)

Table 6 Tobacco Product Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Indiana	31.79 ^b	(29.61 - 34.06)	29.80	(27.85 - 31.82)	0.075
Central	28.55 ^a	(24.92 - 32.48)	23.97	(21.29 - 26.87)	0.010
East	36.31	(31.76 - 41.11)	33.56	(29.17 - 38.26)	0.219
North Central	32.55	(28.54 - 36.85)	31.61	(27.84 - 35.63)	0.648
Northeast	31.67	(27.40 - 36.27)	28.50	(24.91 - 32.39)	0.112
Northwest	28.44	(24.57 - 32.66)	30.06	(26.02 - 34.44)	0.416
Southeast	36.83	(31.92 - 42.03)	33.72	(29.46 - 38.26)	0.176
Southwest	31.60	(27.35 - 36.18)	31.66	(27.50 - 36.13)	0.978
West	33.85	(29.58 - 38.39)	34.30	(30.03 - 38.84)	0.823
Iowa	26.93	(24.79 - 29.20)	27.50	(25.60 - 29.48)	0.614
Central	26.18	(22.61 - 30.09)	25.42	(22.15 - 28.99)	0.686
North Central	28.57	(24.29 - 33.28)	26.38	(22.82 - 30.27)	0.281
Northeast	25.78	(22.49 - 29.36)	27.25	(24.26 - 30.46)	0.382
Northwest	26.72	(22.68 - 31.20)	29.18	(25.40 - 33.27)	0.236
Southeast	27.96	(24.32 - 31.91)	28.09	(24.96 - 31.44)	0.943
Southwest	27.45	(23.26 - 32.07)	29.28	(25.41 - 33.47)	0.381
Kansas	27.53 ^a	(25.44 - 29.71)	24.97	(23.13 - 26.91)	0.022
Northeast	--	(-- --)	21.77	(19.56 - 24.15)	--
Northwest and North Central	--	(-- --)	29.54	(25.13 - 34.36)	--
South Central	--	(-- --)	27.60	(24.70 - 30.69)	--
Southeast	--	(-- --)	30.65	(26.18 - 35.52)	--
Southwest	--	(-- --)	25.97	(22.02 - 30.35)	--
Kentucky¹	35.77	(33.46 - 38.14)	35.28	(33.21 - 37.41)	0.682
Adanta, Cumberland River, and Lifeskills	39.52	(35.01 - 44.23)	38.74	(34.83 - 42.81)	0.727
Bluegrass, Comprehend, and North Key	32.89	(29.35 - 36.63)	31.73	(28.58 - 35.05)	0.538
Centerstone	32.80	(28.87 - 36.99)	31.89	(28.60 - 35.37)	0.622
Communicare and River Valley	35.81	(31.24 - 40.65)	38.76	(34.16 - 43.58)	0.203
Four Rivers and Pennyroyal	36.35	(31.46 - 41.54)	36.24	(31.88 - 40.83)	0.961
Kentucky River, Mountain, and Pathways	42.99	(37.79 - 48.35)	41.93	(37.48 - 46.52)	0.680
Louisiana	30.92	(28.71 - 33.21)	30.67	(28.71 - 32.70)	0.836
Regions 1 and 10	28.17	(24.81 - 31.80)	26.76	(23.76 - 29.99)	0.374
Region 1	29.15	(24.63 - 34.13)	27.88	(23.91 - 32.22)	0.539
Region 10 (Jefferson)	27.15	(23.04 - 31.69)	25.54	(21.97 - 29.48)	0.416
Regions 2 and 9	29.92	(26.56 - 33.52)	29.95	(26.99 - 33.09)	0.987
Region 3	31.78	(27.28 - 36.65)	31.41	(27.55 - 35.54)	0.857
Regions 4, 5, and 6	33.83	(30.09 - 37.79)	33.93	(30.47 - 37.57)	0.961
Regions 7 and 8	30.74	(27.06 - 34.68)	30.94	(27.51 - 34.60)	0.919

See notes at end of table.

(continued)

Table 6 Tobacco Product Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Maine	26.19 ^b	(24.09 - 28.40)	24.30	(22.35 - 26.35)	0.099
Aroostook/Downeast	27.61	(24.00 - 31.54)	27.14	(24.03 - 30.50)	0.787
Aroostook	29.68	(24.98 - 34.84)	29.70	(25.53 - 34.24)	0.990
Downeast	25.93	(21.43 - 31.00)	25.07	(21.23 - 29.35)	0.688
Central	25.86	(22.13 - 29.98)	27.04	(23.35 - 31.09)	0.533
Cumberland	23.25	(19.99 - 26.87)	21.07	(18.26 - 24.18)	0.192
Midcoast	27.67 ^a	(23.36 - 32.44)	22.45	(19.13 - 26.16)	0.013
Penquis	30.05 ^a	(26.01 - 34.42)	25.67	(21.99 - 29.74)	0.037
Western	27.00	(23.25 - 31.11)	26.74	(23.23 - 30.56)	0.892
York	24.32	(20.62 - 28.44)	22.11	(18.92 - 25.66)	0.237
Maryland	22.53	(20.48 - 24.72)	22.20	(20.48 - 24.02)	0.735
Anne Arundel	23.18	(19.44 - 27.40)	22.79	(19.33 - 26.66)	0.823
Baltimore City	29.59	(25.32 - 34.24)	31.33	(27.52 - 35.41)	0.408
Baltimore County	22.30	(18.64 - 26.44)	23.08	(19.66 - 26.89)	0.654
Montgomery	16.95 ^b	(13.91 - 20.49)	14.40	(12.08 - 17.07)	0.068
North Central	20.73	(17.03 - 24.99)	19.22	(16.27 - 22.56)	0.360
Northeast	24.82	(20.75 - 29.39)	23.32	(19.68 - 27.40)	0.448
Prince George's	21.01	(17.58 - 24.91)	20.52	(17.47 - 23.95)	0.767
South	22.13	(18.53 - 26.20)	24.29	(20.86 - 28.10)	0.212
West	27.13	(23.16 - 31.51)	27.02	(23.39 - 30.98)	0.949
Massachusetts	22.78 ^b	(20.87 - 24.81)	21.15	(19.39 - 23.02)	0.094
Boston	23.38	(19.75 - 27.46)	21.64	(18.31 - 25.40)	0.313
Central	24.89	(21.21 - 28.97)	22.70	(19.63 - 26.09)	0.195
Metrowest	19.38	(16.56 - 22.56)	17.48	(14.96 - 20.33)	0.170
Northeast	22.07	(18.97 - 25.53)	19.63	(16.96 - 22.62)	0.118
Southeast	25.33	(21.82 - 29.18)	23.95	(20.80 - 27.42)	0.428
Western	23.48	(19.98 - 27.39)	24.00	(20.57 - 27.80)	0.762
Michigan	29.22 ^a	(27.98 - 30.51)	27.38	(26.11 - 28.69)	0.012
Region 1	31.94	(28.04 - 36.12)	32.24	(28.26 - 36.50)	0.883
Region 2	28.21	(24.18 - 32.61)	29.15	(25.39 - 33.21)	0.649
Region 3	27.70	(25.08 - 30.48)	25.48	(22.95 - 28.17)	0.129
Region 4	32.49	(29.19 - 35.97)	30.30	(27.19 - 33.61)	0.195
Region 5	31.02	(28.53 - 33.63)	29.59	(27.20 - 32.10)	0.295
Region 6	26.17 ^b	(23.26 - 29.30)	23.47	(20.68 - 26.52)	0.073
Region 7	29.65	(26.89 - 32.57)	27.44	(24.83 - 30.22)	0.166
Region 8	24.39 ^a	(21.77 - 27.22)	21.18	(18.69 - 23.90)	0.020
Region 9	30.94	(27.66 - 34.43)	28.61	(25.47 - 31.96)	0.176
Region 10	31.98	(28.73 - 35.40)	32.27	(28.84 - 35.90)	0.866

See notes at end of table.

(continued)

Table 6 Tobacco Product Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Minnesota	27.28 ^a	(25.07 - 29.59)	24.64	(22.79 - 26.59)	0.012
Regions 1 and 2	28.88	(24.38 - 33.84)	29.48	(25.91 - 33.31)	0.764
Region 1	--	(-- --)	28.91	(24.58 - 33.66)	--
Region 2	--	(-- --)	29.82	(25.40 - 34.65)	--
Regions 3 and 4	32.42 ^a	(28.29 - 36.84)	28.71	(25.58 - 32.07)	0.049
Region 3	--	(-- --)	29.12	(24.62 - 34.06)	--
Region 4	--	(-- --)	28.50	(24.87 - 32.42)	--
Regions 5 and 6	30.11 ^a	(26.22 - 34.30)	26.46	(23.50 - 29.66)	0.031
Region 5	--	(-- --)	27.04	(23.17 - 31.30)	--
Region 6	--	(-- --)	25.87	(22.09 - 30.06)	--
Region 7	--	(-- --)	21.87	(19.86 - 24.04)	--
Region 7A (Hennepin)	24.18 ^a	(20.63 - 28.12)	20.74	(18.08 - 23.68)	0.041
Region 7B (Ramsey)	26.77	(22.60 - 31.41)	23.70	(20.34 - 27.43)	0.103
Region 7C	23.53	(20.46 - 26.90)	22.21	(19.39 - 25.30)	0.407
Mississippi	35.41 ^a	(33.07 - 37.83)	31.42	(29.44 - 33.46)	0.001
Region 1	38.02 ^a	(34.04 - 42.18)	32.98	(29.60 - 36.54)	0.013
Region 2	33.23	(28.90 - 37.87)	30.98	(27.12 - 35.14)	0.296
Region 3	35.66	(31.29 - 40.28)	32.64	(28.87 - 36.64)	0.148
Region 4	31.88 ^a	(27.57 - 36.54)	27.21	(24.01 - 30.65)	0.016
Region 5	36.20	(30.75 - 42.03)	34.43	(29.80 - 39.38)	0.490
Region 6	37.25 ^b	(32.91 - 41.81)	33.30	(29.42 - 37.43)	0.063
Region 7	35.75 ^a	(31.21 - 40.56)	31.02	(27.29 - 35.01)	0.029
Missouri	32.38 ^a	(30.16 - 34.70)	29.89	(27.89 - 31.97)	0.036
Central	34.88 ^a	(30.71 - 39.29)	30.64	(27.02 - 34.52)	0.031
Eastern	29.11	(26.24 - 32.16)	27.99	(25.30 - 30.85)	0.459
Eastern (St. Louis City and County)	28.39	(24.84 - 32.24)	27.40	(24.08 - 30.99)	0.590
Eastern (excluding St. Louis)	30.34	(26.17 - 34.86)	28.99	(25.45 - 32.80)	0.517
Northwest	30.22	(26.98 - 33.67)	29.55	(26.65 - 32.64)	0.672
Northwest (Jackson)	30.38	(26.16 - 34.96)	28.54	(24.96 - 32.40)	0.356
Northwest (excluding Jackson)	30.08	(25.90 - 34.63)	30.41	(26.51 - 34.61)	0.874
Southeast	39.23 ^b	(34.50 - 44.17)	34.67	(30.64 - 38.93)	0.053
Southwest	35.66 ^a	(31.21 - 40.38)	30.38	(26.73 - 34.30)	0.016
Montana	29.90	(27.71 - 32.19)	28.51	(26.46 - 30.64)	0.233
Region 1	30.50	(25.74 - 35.73)	33.65	(29.08 - 38.55)	0.177
Region 2	31.21	(27.22 - 35.49)	29.72	(25.99 - 33.74)	0.469
Region 3	30.00	(26.39 - 33.88)	28.00	(24.81 - 31.43)	0.267
Region 4	28.55	(24.97 - 32.42)	27.45	(24.25 - 30.91)	0.564
Region 5	30.24	(26.77 - 33.96)	27.87	(24.87 - 31.08)	0.188

See notes at end of table.

(continued)

Table 6 Tobacco Product Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Nebraska	27.52	(25.36 - 29.79)	27.48	(25.57 - 29.47)	0.970
Regions 1 and 2	29.40	(25.62 - 33.50)	30.80	(27.18 - 34.68)	0.411
Region 1	28.78	(24.20 - 33.83)	30.34	(25.81 - 35.28)	0.453
Region 2	29.96	(25.13 - 35.28)	31.21	(26.67 - 36.14)	0.567
Region 3	27.55	(23.78 - 31.67)	28.48	(24.88 - 32.37)	0.626
Region 4	28.06	(23.91 - 32.62)	28.40	(24.45 - 32.72)	0.860
Region 5	27.61	(24.31 - 31.17)	27.83	(24.85 - 31.02)	0.892
Region 6	26.86	(23.91 - 30.03)	25.93	(23.29 - 28.75)	0.559
Nevada	27.26 ^a	(24.92 - 29.72)	24.16	(22.13 - 26.31)	0.014
Clark – Region 1	27.03 ^a	(24.38 - 29.85)	22.98	(20.71 - 25.42)	0.005
Region 3	30.42	(26.29 - 34.89)	29.54	(25.75 - 33.63)	0.642
Capital District	28.92	(23.94 - 34.46)	28.08	(23.50 - 33.16)	0.713
Rural/Frontier	31.78	(26.71 - 37.33)	30.86	(26.07 - 36.09)	0.702
Washoe – Region 2	25.82	(22.16 - 29.85)	25.36	(21.98 - 29.07)	0.803
New Hampshire	24.99	(23.02 - 27.06)	24.21	(22.35 - 26.17)	0.480
Central	26.70	(23.86 - 29.73)	26.12	(23.50 - 28.92)	0.694
Central 1	27.93	(24.16 - 32.04)	26.60	(23.16 - 30.35)	0.462
Central 2	25.49	(21.93 - 29.42)	25.65	(22.40 - 29.20)	0.933
Northern	25.72	(21.79 - 30.09)	25.89	(22.33 - 29.80)	0.931
Southern	23.99	(21.68 - 26.46)	22.91	(20.73 - 25.26)	0.397
Southern 1 (Rockingham)	24.57 ^b	(21.33 - 28.12)	21.37	(18.36 - 24.73)	0.060
Southern 2	23.63	(20.86 - 26.65)	23.88	(21.28 - 26.68)	0.872
New Jersey	20.95	(19.07 - 22.96)	20.57	(19.06 - 22.16)	0.699
Central	21.69	(18.67 - 25.04)	22.16	(19.59 - 24.96)	0.752
Metropolitan	19.56	(16.68 - 22.80)	18.65	(16.35 - 21.21)	0.520
Northern	19.13	(16.34 - 22.26)	18.54	(16.47 - 20.81)	0.682
Southern	24.55	(21.27 - 28.15)	24.18	(21.45 - 27.13)	0.825
New Mexico	26.99	(24.80 - 29.30)	25.34	(23.41 - 27.37)	0.161
Region 1	27.25	(23.68 - 31.13)	26.34	(23.06 - 29.90)	0.604
Region 2	22.85	(19.02 - 27.18)	21.91	(18.72 - 25.47)	0.614
Region 3 (Bernalillo)	27.15	(23.88 - 30.68)	25.25	(22.41 - 28.33)	0.266
Region 4	30.61	(26.77 - 34.73)	28.23	(24.52 - 32.26)	0.249
Region 5	27.20	(23.51 - 31.24)	25.12	(22.28 - 28.20)	0.238
Region 5a	--	(-- --)	27.01	(23.08 - 31.32)	--
Region 5b (Dona Ana)	--	(-- --)	23.42	(20.08 - 27.12)	--

See notes at end of table.

(continued)

Table 6 Tobacco Product Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
New York¹	23.59 ^b	(22.39 - 24.83)	22.39	(21.29 - 23.52)	0.076
Region 1: Long Island	21.34 ^a	(18.92 - 23.97)	18.81	(16.70 - 21.11)	0.038
Region 2: New York City	21.49 ^a	(19.88 - 23.19)	19.68	(18.29 - 21.16)	0.037
Region 2A: Bronx	20.83	(17.97 - 24.01)	19.85	(17.31 - 22.68)	0.507
Region 2B: Kings	--	(-- --)	20.23	(17.84 - 22.86)	--
Region 2C: New York	21.24	(18.41 - 24.38)	21.05	(18.31 - 24.08)	0.903
Region 2D: Queens	19.27	(16.55 - 22.31)	17.67	(15.34 - 20.27)	0.273
Region 2E: Richmond	--	(-- --)	21.14	(18.04 - 24.62)	--
Region 3: Mid-Hudson	--	(-- --)	20.37	(18.10 - 22.86)	--
Region 4: Capital Region	--	(-- --)	28.37	(25.08 - 31.90)	--
Region 5: Mohawk Valley	--	(-- --)	32.77	(28.53 - 37.30)	--
Region 6: North Country	--	(-- --)	32.55	(28.22 - 37.20)	--
Region 7: Tug Hill Seaway	--	(-- --)	31.95	(28.12 - 36.04)	--
Region 8: Central	--	(-- --)	29.87	(26.61 - 33.35)	--
Region 9: Southern Tier	--	(-- --)	29.08	(25.47 - 32.98)	--
Region 10: Finger Lakes	--	(-- --)	24.72	(21.86 - 27.81)	--
Region 11: Western	--	(-- --)	29.03	(26.34 - 31.87)	--
North Carolina	26.49	(24.38 - 28.72)	25.84	(24.25 - 27.50)	0.542
Alliance Behavioral Healthcare 1	23.67	(20.02 - 27.74)	24.59	(21.39 - 28.10)	0.601
Alliance Behavioral Healthcare 2	19.56	(16.32 - 23.26)	18.00	(15.29 - 21.08)	0.291
Cardinal Innovations Healthcare Solutions 1	26.52	(22.16 - 31.40)	25.54	(22.06 - 29.35)	0.647
Cardinal Innovations Healthcare Solutions 2	26.66	(22.50 - 31.28)	25.54	(22.12 - 29.28)	0.577
Cardinal Innovations Healthcare Solutions 3	24.07	(20.10 - 28.54)	22.44	(19.44 - 25.77)	0.395
CenterPoint Human Services	26.22	(22.14 - 30.76)	26.71	(23.11 - 30.64)	0.807
Eastpointe	28.64	(24.10 - 33.66)	29.53	(25.84 - 33.50)	0.704
Partners Behavioral Health Management	29.79	(25.57 - 34.39)	28.49	(24.91 - 32.36)	0.528
Sandhills Center 1	29.79	(24.87 - 35.23)	30.12	(25.97 - 34.62)	0.886
Sandhills Center 2	24.75	(20.78 - 29.21)	24.50	(20.91 - 28.49)	0.897
Smoky Mountain Center 1	31.00	(25.98 - 36.51)	30.22	(26.32 - 34.43)	0.743
Smoky Mountain Center 2	27.15	(22.63 - 32.21)	25.21	(21.60 - 29.21)	0.364
Trillium Health Resources 1	27.87	(23.35 - 32.88)	27.64	(24.17 - 31.41)	0.921
Trillium Health Resources 2	29.01	(24.38 - 34.14)	28.19	(24.20 - 32.55)	0.690

See notes at end of table.

(continued)

Table 6 Tobacco Product Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
North Dakota	30.64	(28.63 - 32.73)	29.85	(27.98 - 31.79)	0.462
Badlands and West Central	32.26 ^b	(28.87 - 35.85)	29.43	(26.71 - 32.30)	0.085
Badlands	--	(-- --)	30.07	(25.75 - 34.77)	--
West Central	--	(-- --)	29.24	(26.20 - 32.49)	--
Lake Region	28.49 ^b	(24.28 - 33.11)	32.57	(28.17 - 37.31)	0.052
North Central	31.82	(27.68 - 36.26)	31.72	(28.03 - 35.67)	0.962
Northeast	30.99	(27.28 - 34.96)	31.63	(28.07 - 35.41)	0.736
Northwest	33.47	(28.56 - 38.77)	32.27	(27.56 - 37.37)	0.583
South Central	29.78	(25.40 - 34.57)	30.33	(26.06 - 34.96)	0.802
Southeast	28.47	(25.37 - 31.78)	27.32	(24.53 - 30.30)	0.462
Ohio	31.47 ^a	(30.25 - 32.73)	29.86	(28.54 - 31.22)	0.031
Boards 2, 46, 55, and 68	32.21	(28.08 - 36.64)	33.26	(29.14 - 37.64)	0.628
Boards 3, 52, and 85	30.43 ^a	(26.47 - 34.71)	25.36	(21.77 - 29.31)	0.009
Boards 4 and 78	35.42	(30.98 - 40.13)	34.26	(30.05 - 38.73)	0.597
Boards 5 and 60	40.52 ^a	(35.94 - 45.28)	35.01	(30.86 - 39.39)	0.011
Boards 7, 15, 41, 79, and 84	35.78	(31.74 - 40.04)	34.35	(30.43 - 38.50)	0.507
Boards 8, 13, and 83	29.79 ^b	(26.10 - 33.77)	26.79	(23.30 - 30.58)	0.100
Board 9 (Butler)	29.95	(26.21 - 33.98)	28.89	(25.20 - 32.88)	0.569
Board 12	30.58	(26.24 - 35.30)	28.37	(24.51 - 32.58)	0.296
Boards 18 and 47	28.10	(25.33 - 31.04)	28.78	(25.97 - 31.76)	0.665
Boards 20, 32, 54, and 69	32.07	(28.18 - 36.23)	33.51	(29.68 - 37.57)	0.479
Boards 21, 39, 51, 70, and 80	30.25	(26.81 - 33.93)	29.45	(25.85 - 33.33)	0.658
Boards 22, 74, and 87	33.09	(28.94 - 37.51)	34.22	(30.30 - 38.37)	0.571
Boards 23 and 45	33.82 ^b	(29.71 - 38.20)	30.30	(26.59 - 34.28)	0.076
Board 25 (Franklin)	29.82 ^b	(26.80 - 33.03)	26.81	(24.01 - 29.81)	0.062
Boards 27, 71, and 73	41.63 ^a	(37.23 - 46.17)	35.93	(31.71 - 40.38)	0.012
Boards 28, 43, and 67	29.67	(26.00 - 33.63)	27.67	(24.27 - 31.34)	0.256
Board 31 (Hamilton)	30.02	(26.69 - 33.58)	28.24	(25.18 - 31.53)	0.300
Board 48 (Lucas)	33.63	(29.54 - 37.98)	32.22	(28.38 - 36.31)	0.490
Boards 50 and 76	30.70	(27.20 - 34.43)	31.40	(27.91 - 35.12)	0.703
Board 57 (Montgomery)	29.67	(25.98 - 33.65)	28.97	(25.34 - 32.89)	0.715
Board 77 (Summit)	29.87 ^a	(26.11 - 33.93)	25.39	(22.07 - 29.03)	0.018
Oklahoma	34.91 ^a	(32.54 - 37.37)	31.54	(29.54 - 33.61)	0.006
Central	30.70	(26.44 - 35.33)	29.45	(25.69 - 33.52)	0.560
East Central	37.32	(32.62 - 42.27)	34.93	(30.85 - 39.25)	0.285
Northeast	35.51 ^b	(31.10 - 40.18)	31.45	(27.61 - 35.55)	0.061
Northwest and Southwest	37.90	(33.17 - 42.86)	37.54	(33.55 - 41.69)	0.873
Oklahoma County	32.39 ^a	(28.36 - 36.70)	27.46	(24.18 - 31.01)	0.013
Southeast	38.05	(33.65 - 42.66)	34.81	(30.95 - 38.89)	0.136
Tulsa County	33.72 ^a	(29.41 - 38.33)	27.70	(24.28 - 31.41)	0.004

See notes at end of table.

(continued)

Table 6 Tobacco Product Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Oregon	25.66 ^a	(23.51 - 27.92)	22.66	(20.84 - 24.59)	0.006
Region 1 (Multnomah)	24.17	(20.73 - 27.99)	21.55	(18.72 - 24.67)	0.105
Region 2	23.09 ^a	(19.70 - 26.87)	18.36	(15.86 - 21.14)	0.003
Region 3	27.20	(23.97 - 30.69)	24.45	(21.63 - 27.51)	0.111
Region 4	26.91	(22.87 - 31.38)	25.75	(22.30 - 29.53)	0.574
Region 5 (Central)	26.95 ^a	(22.62 - 31.78)	21.93	(18.12 - 26.29)	0.011
Region 6 (Eastern)	28.39	(23.82 - 33.45)	27.35	(23.38 - 31.71)	0.630
Pennsylvania	28.88 ^a	(27.62 - 30.18)	27.11	(25.82 - 28.43)	0.013
Region 1 (Allegheny)	29.66 ^b	(26.52 - 33.00)	26.49	(23.48 - 29.73)	0.055
Regions 3, 8, 9, and 51	30.67	(26.92 - 34.69)	31.16	(27.74 - 34.80)	0.803
Regions 4, 11, 37, and 49	32.38 ^a	(28.83 - 36.14)	28.05	(24.64 - 31.73)	0.019
Regions 5, 18, 23, 24, and 46	30.36 ^b	(26.99 - 33.95)	27.08	(23.85 - 30.56)	0.057
Regions 6, 12, 16, 31, 35, 45, and 47	32.29	(28.81 - 35.98)	31.40	(27.86 - 35.16)	0.620
Regions 7, 13, 20, and 33	22.15 ^b	(19.97 - 24.49)	20.01	(17.99 - 22.19)	0.066
Regions 10, 15, 27, 32, 43, and 44	37.20 ^b	(32.92 - 41.68)	33.08	(29.12 - 37.29)	0.063
Regions 17 and 21	32.30	(28.41 - 36.46)	30.66	(26.58 - 35.06)	0.428
Regions 19, 26, 28, and 42	28.08	(25.27 - 31.08)	27.91	(25.10 - 30.92)	0.916
Regions 22, 38, 40, 41, and 48	32.15	(28.37 - 36.17)	30.24	(26.83 - 33.89)	0.315
Regions 29 and 34	27.95	(24.07 - 32.19)	25.39	(21.93 - 29.20)	0.178
Regions 30 and 50	32.28	(28.43 - 36.39)	31.10	(27.45 - 35.01)	0.551
Region 36 (Philadelphia)	28.34	(25.33 - 31.55)	28.60	(25.61 - 31.78)	0.870
Rhode Island	25.60	(23.41 - 27.91)	23.82	(21.86 - 25.91)	0.108
Region 1: Southern Providence County	--	(-- --)	22.88	(19.66 - 26.45)	--
Region 2: Northern Providence County/Blackstone Valley	--	(-- --)	26.07	(22.65 - 29.82)	--
Region 3: Providence	--	(-- --)	23.12	(19.70 - 26.93)	--
Region 4: Kent County	--	(-- --)	26.27	(22.82 - 30.04)	--
Region 5: East Bay	--	(-- --)	23.98	(20.51 - 27.83)	--
Region 6: Newport County	--	(-- --)	20.32	(17.16 - 23.90)	--
Region 7: South County	--	(-- --)	21.20	(18.18 - 24.57)	--
South Carolina	30.30	(28.07 - 32.63)	28.73	(26.86 - 30.69)	0.191
Region 1	33.07	(29.56 - 36.77)	30.67	(27.65 - 33.86)	0.193
Region 2	29.41	(25.91 - 33.17)	27.91	(24.90 - 31.12)	0.394
Region 3	29.86	(25.91 - 34.13)	28.94	(25.54 - 32.60)	0.652
Region 4	28.17	(24.81 - 31.79)	27.10	(24.30 - 30.10)	0.538
South Dakota	29.78	(27.72 - 31.92)	28.55	(26.59 - 30.59)	0.260
Region 1	32.67	(29.16 - 36.38)	30.03	(26.86 - 33.40)	0.156
Region 2	30.62	(26.25 - 35.36)	29.85	(25.91 - 34.12)	0.721
Region 3	28.01	(24.59 - 31.70)	28.31	(25.14 - 31.72)	0.860
Region 4	29.75	(25.76 - 34.08)	30.58	(26.84 - 34.60)	0.682
Region 5	28.51	(25.30 - 31.95)	26.04	(23.01 - 29.31)	0.157

See notes at end of table.

(continued)

Table 6 Tobacco Product Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014		2014-2016		P Value
	2012-2014 (Estimate)	(95% Confidence Interval)	2014-2016 (Estimate)	(95% Confidence Interval)	
Tennessee	29.70	(27.59 - 31.90)	29.41	(27.41 - 31.49)	0.799
Region 1	32.86	(28.02 - 38.09)	32.20	(28.09 - 36.62)	0.782
Region 2	32.61	(28.72 - 36.74)	31.59	(27.90 - 35.52)	0.632
Region 3	31.14	(27.15 - 35.43)	30.09	(26.56 - 33.88)	0.619
Region 4 (Davidson)	27.36	(23.30 - 31.82)	26.16	(22.29 - 30.44)	0.541
Region 5	30.61	(27.01 - 34.46)	29.56	(26.41 - 32.91)	0.551
Region 6	29.74	(25.42 - 34.46)	32.62	(28.45 - 37.08)	0.207
Region 7 (Shelby)	22.67	(19.11 - 26.67)	24.04	(20.69 - 27.75)	0.447
Texas	23.79	(22.73 - 24.88)	23.20	(22.17 - 24.25)	0.326
Region 1	28.12	(24.58 - 31.95)	27.78	(24.27 - 31.58)	0.845
Region 2	30.89	(26.74 - 35.38)	33.59	(29.61 - 37.82)	0.166
Region 3	22.69	(20.97 - 24.51)	21.49	(19.96 - 23.09)	0.176
Region 3a	21.47	(19.32 - 23.80)	20.16	(18.30 - 22.17)	0.233
Region 3bc	24.82	(22.25 - 27.58)	23.83	(21.52 - 26.30)	0.470
Region 4	30.88	(27.28 - 34.72)	32.44	(29.03 - 36.05)	0.395
Region 5	32.21	(28.17 - 36.53)	29.17	(25.44 - 33.22)	0.120
Region 6	22.68	(20.74 - 24.73)	21.04	(19.32 - 22.87)	0.112
Region 6a	22.15	(20.09 - 24.36)	20.59	(18.74 - 22.56)	0.162
Region 6bc	27.12	(23.16 - 31.47)	24.91	(21.39 - 28.80)	0.226
Region 7	24.09	(21.95 - 26.38)	24.63	(22.55 - 26.83)	0.641
Region 7a	22.06	(19.41 - 24.95)	21.96	(19.45 - 24.69)	0.943
Region 7bcd	27.61	(24.49 - 30.96)	29.34	(26.05 - 32.86)	0.289
Region 8	21.90	(19.39 - 24.64)	22.77	(20.48 - 25.24)	0.496
Region 9	29.80	(25.73 - 34.23)	28.40	(24.66 - 32.48)	0.445
Region 10	21.16	(18.06 - 24.63)	20.19	(17.37 - 23.35)	0.506
Region 11	21.41	(18.92 - 24.14)	21.79	(19.55 - 24.21)	0.764
Region 11abd	22.25	(19.04 - 25.83)	22.91	(19.97 - 26.15)	0.678
Region 11c (Hidalgo)	19.96	(16.98 - 23.31)	19.86	(16.90 - 23.21)	0.949
Utah	18.58 ^a	(16.85 - 20.45)	14.73	(13.27 - 16.32)	0.000
Bear River, Northeastern, Summit, Tooele, and Wasatch	20.76 ^a	(17.44 - 24.54)	15.75	(12.81 - 19.21)	0.003
Central, Four Corners, San Juan, and Southwest	20.98 ^a	(17.49 - 24.96)	16.58	(14.03 - 19.48)	0.002
Central, Four Corners, and San Juan	--	(-- - --)	18.16	(14.84 - 22.04)	--
Southwest	--	(-- - --)	15.59	(12.64 - 19.08)	--
Davis County	17.67 ^a	(14.74 - 21.04)	13.03	(10.58 - 15.94)	0.001
Salt Lake County	18.43 ^a	(16.02 - 21.11)	15.04	(13.23 - 17.05)	0.005
Utah County	15.67 ^a	(13.06 - 18.70)	12.13	(10.05 - 14.58)	0.005
Weber, Morgan	20.11 ^b	(16.70 - 24.01)	17.04	(14.21 - 20.31)	0.065
Vermont	26.66	(24.52 - 28.92)	27.17	(25.22 - 29.21)	0.657
Champlain Valley	26.44	(23.65 - 29.42)	25.72	(23.24 - 28.37)	0.627
Rural Northeast	28.49	(24.67 - 32.63)	31.08	(27.39 - 35.02)	0.204
Rural Southeast	24.61	(21.06 - 28.56)	24.47	(21.33 - 27.92)	0.941
Rural Southwest	27.21	(23.36 - 31.43)	28.56	(24.91 - 32.52)	0.481

See notes at end of table.

(continued)

Table 6 Tobacco Product Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Virginia	27.45 ^a	(25.45 - 29.54)	24.74	(23.29 - 26.26)	0.006
Region 1	29.18 ^a	(25.50 - 33.16)	25.16	(22.36 - 28.19)	0.022
Region 2	20.51 ^a	(17.69 - 23.66)	15.60	(13.65 - 17.78)	0.000
Region 3	34.67	(30.71 - 38.85)	35.09	(31.84 - 38.49)	0.826
Region 4	28.11	(24.27 - 32.29)	26.66	(23.88 - 29.64)	0.431
Region 5	28.96	(25.50 - 32.69)	26.89	(24.16 - 29.81)	0.244
Washington¹	23.89 ^a	(22.03 - 25.86)	20.93	(19.18 - 22.80)	0.002
Region 1	25.29	(22.29 - 28.54)	23.49	(20.72 - 26.50)	0.201
Greater Columbia and North Central	23.10	(19.44 - 27.20)	21.26	(18.03 - 24.88)	0.299
Spokane	28.47	(24.27 - 33.09)	26.77	(22.88 - 31.05)	0.355
Region 2	22.32 ^a	(20.09 - 24.72)	17.06	(15.13 - 19.19)	0.000
King	20.51 ^a	(17.89 - 23.40)	15.33	(13.17 - 17.77)	0.000
North Sound	25.49 ^a	(22.06 - 29.26)	20.12	(17.13 - 23.49)	0.002
Region 3	25.19	(22.61 - 27.96)	24.74	(22.35 - 27.30)	0.722
Pierce	25.35	(21.64 - 29.46)	25.01	(21.85 - 28.45)	0.845
Salish	23.66	(19.62 - 28.24)	22.40	(18.84 - 26.43)	0.466
SW WA and Great Rivers	25.62	(21.70 - 29.99)	26.19	(22.40 - 30.36)	0.770
Thurston-Mason	25.58	(21.14 - 30.58)	23.56	(19.53 - 28.14)	0.311
West Virginia	37.43	(35.19 - 39.72)	37.61	(35.36 - 39.93)	0.884
Region I	32.80	(27.86 - 38.16)	36.51	(31.70 - 41.61)	0.132
Region II	35.04	(30.70 - 39.63)	31.54	(27.63 - 35.73)	0.111
Region III	35.87	(30.93 - 41.13)	37.42	(32.98 - 42.08)	0.509
Region IV	38.44	(34.59 - 42.44)	39.75	(36.02 - 43.60)	0.531
Region V	38.38	(34.71 - 42.18)	37.91	(34.36 - 41.60)	0.820
Region VI	39.39	(35.32 - 43.63)	39.88	(36.06 - 43.83)	0.828
Wisconsin	27.49 ^b	(25.34 - 29.75)	25.54	(23.68 - 27.50)	0.077
Milwaukee	29.51 ^b	(25.57 - 33.78)	25.68	(22.38 - 29.27)	0.056
Northeastern	27.93	(24.51 - 31.61)	25.85	(22.69 - 29.28)	0.220
Northern	27.90	(23.65 - 32.60)	28.61	(24.66 - 32.91)	0.738
Southeastern	25.23	(21.61 - 29.22)	23.61	(20.49 - 27.05)	0.391
Southern	26.10	(22.44 - 30.12)	23.76	(20.79 - 27.01)	0.190
Western	29.48	(25.39 - 33.94)	28.39	(24.64 - 32.45)	0.586

See notes at end of table.

(continued)

Table 6 Tobacco Product Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	<i>P</i> Value
Wyoming	32.35 ^a	(30.07 - 34.72)	29.60	(27.55 - 31.73)	0.016
Judicial District 1 (Laramie)	32.54	(28.40 - 36.97)	29.96	(26.20 - 34.02)	0.231
Judicial District 2	30.85	(26.76 - 35.27)	28.22	(24.64 - 32.09)	0.165
Judicial District 3	33.44 ^a	(29.36 - 37.78)	27.48	(23.80 - 31.49)	0.003
Judicial District 4	29.61	(25.00 - 34.67)	27.36	(23.16 - 32.01)	0.294
Judicial District 5	28.28	(23.88 - 33.13)	27.53	(23.93 - 31.45)	0.713
Judicial District 6	36.19	(31.57 - 41.09)	34.15	(29.93 - 38.64)	0.354
Judicial District 7 (Natrona)	34.66	(30.35 - 39.23)	32.19	(28.40 - 36.24)	0.252
Judicial District 8	32.73	(28.32 - 37.47)	30.91	(26.58 - 35.60)	0.405
Judicial District 9	30.75	(26.39 - 35.48)	28.01	(24.22 - 32.14)	0.176

SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2012-2014 and 2014-2016); hence, the 2012-2014 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

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 significance levels for the null hypothesis of no change between the 2012-2014 and 2014-2016 population percentages. The "Total U.S." estimates, along with the 95 percent confidence intervals and the *p* values, are based on design-based (direct) estimation methods.

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

^a Difference between the 2012-2014 and 2014-2016 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2012-2014 and 2014-2016 population percentages 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 (2012-2014 vs. 2014-2016). For details, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012-2016.

Table 7 Cigarette Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Total United States	21.40 ^a	(21.05 - 21.75)	19.76	(19.45 - 20.07)	0.000
Northeast	20.11 ^a	(19.47 - 20.76)	19.04	(18.40 - 19.70)	0.003
Midwest	24.08 ^a	(23.51 - 24.66)	22.01	(21.39 - 22.64)	0.000
South	22.65 ^a	(22.13 - 23.17)	21.13	(20.58 - 21.69)	0.000
West	17.96 ^a	(17.33 - 18.61)	16.11	(15.51 - 16.74)	0.000
Alabama	25.67 ^a	(23.61 - 27.84)	23.24	(21.45 - 25.13)	0.028
Region 1	25.48	(22.14 - 29.13)	24.77	(21.67 - 28.15)	0.697
Region 2	25.97	(22.77 - 29.44)	23.87	(21.05 - 26.94)	0.215
Region 3	22.77	(19.64 - 26.23)	19.98	(16.93 - 23.42)	0.101
Region 4	27.82 ^a	(24.11 - 31.86)	23.02	(20.03 - 26.31)	0.011
Alaska	23.46	(21.55 - 25.47)	24.42	(22.59 - 26.35)	0.361
Anchorage	21.07	(18.56 - 23.82)	21.19	(18.85 - 23.74)	0.927
Northern	28.85	(25.02 - 33.01)	30.57	(27.04 - 34.35)	0.401
South Central	23.09	(19.99 - 26.52)	24.59	(21.62 - 27.82)	0.379
Southeast	22.36	(18.75 - 26.44)	23.61	(19.83 - 27.86)	0.520
Arizona¹	19.45	(17.70 - 21.34)	18.48	(16.84 - 20.25)	0.314
Central	18.50	(16.36 - 20.86)	17.38	(15.46 - 19.48)	0.338
North	--	(-- --)	21.88	(18.17 - 26.11)	--
South	--	(-- --)	19.36	(16.89 - 22.10)	--
South A	20.11	(16.88 - 23.77)	17.59	(14.74 - 20.85)	0.109
South B	--	(-- --)	21.50	(17.94 - 25.55)	--
Arkansas	27.05	(25.05 - 29.15)	27.20	(25.29 - 29.20)	0.889
Catchment Area 1	20.64	(17.42 - 24.27)	21.37	(18.26 - 24.86)	0.664
Catchment Area 2	31.37	(27.20 - 35.88)	30.85	(26.55 - 35.51)	0.807
Catchment Area 3	29.46	(25.61 - 33.64)	27.07	(23.44 - 31.03)	0.213
Catchment Area 4	27.34	(23.30 - 31.80)	27.76	(23.76 - 32.15)	0.836
Catchment Area 5	27.82	(24.08 - 31.90)	26.92	(23.37 - 30.80)	0.639
Catchment Area 6	31.02	(26.55 - 35.87)	30.69	(26.27 - 35.49)	0.879
Catchment Area 7	28.55	(24.21 - 33.32)	29.16	(24.57 - 34.21)	0.781
Catchment Area 8	25.27	(21.58 - 29.35)	27.86	(24.23 - 31.81)	0.184

See notes at end of table.

(continued)

Table 7 Cigarette Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
California	15.72 ^a	(14.78 - 16.70)	14.34	(13.53 - 15.18)	0.006
Region 1R	21.30	(18.06 - 24.95)	19.18	(16.25 - 22.50)	0.178
Region 2R	16.59	(14.01 - 19.54)	14.53	(12.10 - 17.35)	0.110
Region 3R (Sacramento)	19.35 ^a	(16.41 - 22.68)	15.77	(13.35 - 18.54)	0.013
Region 4R	15.12	(12.80 - 17.78)	13.41	(11.13 - 16.07)	0.155
Region 5R (San Francisco)	16.98 ^b	(13.96 - 20.51)	14.35	(11.65 - 17.54)	0.068
Region 6 (Santa Clara)	11.62	(9.62 - 13.97)	10.47	(8.74 - 12.51)	0.255
Region 7R (Contra Costa)	13.98	(11.64 - 16.70)	12.42	(10.31 - 14.90)	0.184
Region 8R (Alameda)	13.84	(11.59 - 16.45)	12.93	(10.83 - 15.36)	0.419
Region 9R (San Mateo)	12.63	(10.29 - 15.40)	11.64	(9.47 - 14.22)	0.393
Region 10	14.68	(12.20 - 17.56)	13.90	(11.47 - 16.76)	0.526
Region 11 (Los Angeles)	15.29 ^a	(14.05 - 16.61)	13.90	(12.77 - 15.11)	0.032
LA SPA 1 and 5	15.94 ^a	(13.32 - 18.95)	13.45	(11.11 - 16.20)	0.043
LA SPA 2	15.53 ^a	(13.21 - 18.17)	12.85	(10.83 - 15.18)	0.023
LA SPA 3	12.43	(10.24 - 15.02)	12.23	(10.12 - 14.71)	0.861
LA SPA 4	17.50	(14.58 - 20.87)	16.87	(14.01 - 20.18)	0.675
LA SPA 6	18.24	(15.23 - 21.69)	16.56	(13.80 - 19.74)	0.247
LA SPA 7	14.69	(12.28 - 17.47)	13.49	(11.19 - 16.19)	0.342
LA SPA 8	14.77	(12.42 - 17.48)	14.07	(11.81 - 16.68)	0.563
Region 12R	18.75	(15.65 - 22.30)	16.81	(14.03 - 20.01)	0.198
Regions 13 and 19R	15.56	(13.29 - 18.14)	15.00	(12.94 - 17.31)	0.635
Region 14 (Orange)	14.40	(12.36 - 16.71)	12.96	(11.09 - 15.09)	0.204
Region 15R (Fresno)	17.82	(14.90 - 21.17)	15.70	(13.06 - 18.75)	0.141
Region 16R (San Diego)	14.70	(12.62 - 17.05)	14.17	(12.30 - 16.27)	0.628
Region 17R	19.14	(16.32 - 22.32)	17.62	(15.23 - 20.30)	0.274
Region 18R (San Bernardino)	17.90	(15.30 - 20.83)	17.09	(14.77 - 19.70)	0.555
Region 20R	18.09	(15.17 - 21.43)	16.56	(13.83 - 19.71)	0.284
Region 21R	15.95	(13.16 - 19.22)	14.74	(12.18 - 17.73)	0.344
Colorado	21.49 ^a	(19.65 - 23.44)	17.85	(16.27 - 19.54)	0.000
Region 1	--	(-- --)	16.54	(13.86 - 19.62)	--
Region 2	--	(-- --)	20.13	(16.53 - 24.29)	--
Region 3	--	(-- --)	17.87	(15.37 - 20.68)	--
Region 4	--	(-- --)	21.04	(17.41 - 25.20)	--
Region 5	--	(-- --)	19.04	(15.89 - 22.64)	--
Region 6	--	(-- --)	15.30	(12.85 - 18.13)	--
Region 7	--	(-- --)	18.60	(15.68 - 21.92)	--
Connecticut	17.62	(15.99 - 19.39)	17.61	(15.97 - 19.39)	0.991
Eastern	19.55	(16.55 - 22.94)	21.29	(17.89 - 25.13)	0.286
North Central	18.51	(15.84 - 21.52)	17.58	(15.04 - 20.44)	0.496
Northwestern	16.51	(13.83 - 19.60)	17.46	(14.73 - 20.58)	0.517
South Central	17.51	(14.86 - 20.53)	17.64	(14.99 - 20.65)	0.930
Southwest	16.23	(13.54 - 19.34)	15.45	(12.79 - 18.55)	0.565

See notes at end of table.

(continued)

Table 7 Cigarette Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Delaware	23.38 ^a	(21.40 - 25.48)	20.64	(18.92 - 22.48)	0.007
Kent	24.75	(21.26 - 28.62)	22.49	(19.30 - 26.04)	0.201
New Castle (excluding Wilmington City)	20.97 ^a	(18.60 - 23.55)	18.25	(16.18 - 20.51)	0.024
Sussex	26.07 ^b	(22.53 - 29.94)	22.68	(19.33 - 26.41)	0.073
Wilmington City	28.21	(23.68 - 33.23)	26.07	(21.74 - 30.92)	0.296
District of Columbia	22.04 ^a	(20.18 - 24.02)	19.42	(17.69 - 21.28)	0.009
Ward 1	22.15 ^a	(18.72 - 26.00)	18.22	(14.92 - 22.06)	0.019
Ward 2	21.55 ^a	(18.10 - 25.44)	18.26	(15.16 - 21.82)	0.033
Ward 3	17.39 ^b	(14.53 - 20.68)	14.86	(12.04 - 18.21)	0.096
Ward 4	18.55	(15.34 - 22.24)	17.81	(14.68 - 21.44)	0.659
Ward 5	23.32	(19.75 - 27.31)	21.59	(18.13 - 25.50)	0.354
Ward 6	21.09 ^a	(17.74 - 24.89)	16.22	(13.36 - 19.56)	0.004
Ward 7	24.35	(20.33 - 28.87)	22.82	(19.17 - 26.94)	0.459
Ward 8	28.97	(24.85 - 33.47)	26.68	(22.64 - 31.16)	0.277
Florida	20.57 ^a	(19.47 - 21.70)	17.81	(16.77 - 18.90)	0.000
Broward (Circuit 17)	17.61	(15.13 - 20.40)	15.93	(13.54 - 18.64)	0.201
Central I	19.59 ^a	(17.58 - 21.78)	16.56	(14.82 - 18.46)	0.002
Circuit 9	18.68 ^a	(16.23 - 21.41)	15.32	(13.24 - 17.67)	0.007
Circuit 18	20.92 ^b	(17.89 - 24.31)	18.40	(15.70 - 21.43)	0.081
Central II	21.00 ^a	(19.38 - 22.70)	18.75	(17.25 - 20.34)	0.007
Circuit 6	22.93	(19.86 - 26.32)	20.63	(17.77 - 23.80)	0.143
Circuit 10	23.70	(20.33 - 27.43)	22.77	(19.55 - 26.34)	0.603
Circuit 12	18.78	(15.80 - 22.17)	16.53	(13.73 - 19.78)	0.136
Circuit 13 (Hillsborough)	19.65	(16.99 - 22.61)	18.56	(15.98 - 21.45)	0.438
Circuit 20	19.90 ^a	(17.01 - 23.15)	15.74	(13.11 - 18.79)	0.005
Northeast	24.26 ^a	(22.33 - 26.29)	20.17	(18.33 - 22.15)	0.000
Circuit 4	23.36 ^a	(20.27 - 26.77)	19.88	(16.78 - 23.39)	0.031
Circuit 5	24.73 ^a	(21.31 - 28.49)	19.89	(16.75 - 23.45)	0.007
Circuit 7	23.62 ^a	(20.29 - 27.31)	19.74	(16.78 - 23.09)	0.018
Circuit 8 plus Columbia, Dixie, Hamilton, Lafayette, and Suwannee	26.23 ^a	(22.71 - 30.10)	22.08	(18.58 - 26.03)	0.018
Northwest	25.12 ^a	(22.61 - 27.81)	20.79	(18.64 - 23.12)	0.000
Circuit 1	24.84 ^a	(21.23 - 28.83)	18.97	(15.99 - 22.37)	0.001
Circuit 2 plus Madison and Taylor	24.11 ^a	(20.59 - 28.02)	20.92	(17.72 - 24.52)	0.049
Circuit 14	27.27	(23.16 - 31.81)	24.93	(20.75 - 29.64)	0.243
South (Circuits 11 and 16)	16.54 ^a	(14.36 - 18.98)	13.54	(11.69 - 15.64)	0.008
Southeast	18.58	(16.37 - 21.01)	17.80	(15.65 - 20.18)	0.490
Circuit 15 (Palm Beach)	17.31	(14.68 - 20.30)	16.82	(14.30 - 19.67)	0.713
Circuit 19	21.36	(18.06 - 25.07)	19.95	(16.69 - 23.67)	0.406

See notes at end of table.

(continued)

Table 7 Cigarette Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Georgia	21.27	(19.52 - 23.13)	20.16	(18.73 - 21.67)	0.225
Region 1	20.38	(17.57 - 23.51)	18.79	(16.52 - 21.29)	0.303
Region 2	22.34	(19.18 - 25.85)	21.11	(18.27 - 24.25)	0.442
Region 3	18.21	(15.69 - 21.04)	17.72	(15.59 - 20.07)	0.710
Region 4	27.15	(22.93 - 31.83)	24.87	(21.22 - 28.92)	0.278
Region 5	24.81	(21.01 - 29.05)	24.92	(21.50 - 28.69)	0.954
Region 6	23.00	(19.56 - 26.84)	21.09	(18.10 - 24.42)	0.269
Hawaii	16.95	(15.17 - 18.90)	15.53	(13.96 - 17.23)	0.131
Hawaii Island	18.46	(15.23 - 22.21)	17.64	(14.64 - 21.10)	0.616
Honolulu	16.30	(14.29 - 18.53)	14.67	(12.90 - 16.64)	0.136
Kauai	18.31	(14.89 - 22.31)	17.47	(14.17 - 21.36)	0.638
Maui	18.62	(15.32 - 22.44)	17.54	(14.44 - 21.13)	0.517
Idaho	20.45 ^a	(18.66 - 22.37)	17.60	(16.03 - 19.28)	0.002
Region 1	20.69	(17.55 - 24.22)	19.10	(15.82 - 22.88)	0.336
Region 2	22.54 ^a	(18.93 - 26.62)	18.16	(14.75 - 22.15)	0.013
Region 3	22.31 ^a	(18.91 - 26.13)	17.96	(15.18 - 21.13)	0.008
Region 4	19.88 ^a	(17.11 - 22.97)	17.16	(14.84 - 19.76)	0.048
Region 5	20.85	(17.54 - 24.59)	18.59	(15.63 - 21.98)	0.191
Region 6	21.56 ^a	(18.01 - 25.59)	18.23	(14.89 - 22.11)	0.039
Region 7	17.62	(14.71 - 20.96)	15.35	(12.76 - 18.35)	0.118
Illinois	22.38 ^a	(21.28 - 23.53)	19.93	(18.75 - 21.16)	0.000
Region 1 (Cook)	21.28 ^a	(19.52 - 23.14)	18.13	(16.66 - 19.69)	0.000
Region 1.1 (Far North Side)	--	(-- --)	18.54	(15.18 - 22.45)	--
Region 1.2 (Northwest Side)	--	(-- --)	19.02	(15.56 - 23.05)	--
Region 1.3 (North Central Side)	--	(-- --)	18.19	(14.82 - 22.15)	--
Region 1.4 (West Side)	--	(-- --)	22.88	(19.07 - 27.20)	--
Region 1.5 (South Side)	--	(-- --)	21.87	(18.20 - 26.05)	--
Region 1.6 (Southwest Side)	--	(-- --)	21.07	(17.43 - 25.24)	--
Region 1.7 (Suburban Cook)	--	(-- --)	15.63	(13.72 - 17.76)	--
Region 2	19.88 ^a	(18.22 - 21.65)	17.75	(16.26 - 19.35)	0.011
Region 2a (DuPage)	--	(-- --)	13.06	(10.94 - 15.51)	--
Region 2b	--	(-- --)	17.34	(15.34 - 19.54)	--
Region 2c (Winnebago)	--	(-- --)	23.00	(19.23 - 27.26)	--
Region 2d	--	(-- --)	23.50	(20.14 - 27.23)	--
Region 3	27.09	(24.37 - 29.98)	25.85	(23.14 - 28.75)	0.398
Region 3a (Champaign)	--	(-- --)	20.28	(16.76 - 24.31)	--
Region 3b	--	(-- --)	26.77	(23.72 - 30.07)	--
Region 4	28.86 ^a	(25.82 - 32.11)	24.54	(21.73 - 27.59)	0.006
Region 4a (Sangamon)	--	(-- --)	22.08	(18.42 - 26.23)	--
Region 4b	--	(-- --)	25.25	(21.88 - 28.94)	--
Region 5	25.03	(22.14 - 28.15)	24.58	(21.94 - 27.44)	0.759
Region 5a	--	(-- --)	21.17	(17.68 - 25.12)	--
Region 5b	--	(-- --)	27.33	(23.79 - 31.18)	--

See notes at end of table.

(continued)

Table 7 Cigarette Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Indiana	25.86	(23.86 - 27.97)	24.41	(22.54 - 26.38)	0.163
Central	23.12 ^a	(19.97 - 26.60)	18.77	(16.37 - 21.45)	0.005
East	30.52	(26.40 - 34.99)	28.14	(23.83 - 32.89)	0.275
North Central	26.02	(22.42 - 29.98)	26.65	(23.06 - 30.56)	0.727
Northeast	26.96 ^a	(22.95 - 31.39)	23.12	(19.38 - 27.34)	0.050
Northwest	23.59	(20.00 - 27.59)	25.05	(21.18 - 29.36)	0.438
Southeast	28.67	(24.38 - 33.37)	27.11	(23.25 - 31.36)	0.473
Southwest	26.39	(22.41 - 30.79)	26.17	(22.10 - 30.69)	0.915
West	26.87	(23.09 - 31.02)	28.81	(24.55 - 33.47)	0.332
Iowa	22.54	(20.66 - 24.53)	21.68	(19.92 - 23.54)	0.373
Central	21.31	(18.15 - 24.85)	20.18	(17.13 - 23.60)	0.478
North Central	23.97 ^a	(20.33 - 28.03)	20.12	(16.72 - 24.01)	0.034
Northeast	21.97	(19.01 - 25.24)	21.46	(18.61 - 24.61)	0.749
Northwest	22.92	(19.50 - 26.75)	22.44	(19.01 - 26.29)	0.775
Southeast	22.82	(19.67 - 26.30)	22.84	(19.80 - 26.19)	0.989
Southwest	23.35	(19.69 - 27.47)	23.02	(19.29 - 27.24)	0.862
Kansas	22.05 ^a	(20.17 - 24.05)	18.87	(17.20 - 20.67)	0.002
Northeast	--	(-- --)	16.17	(14.14 - 18.43)	--
Northwest and North Central	--	(-- --)	21.79	(17.80 - 26.40)	--
South Central	--	(-- --)	20.82	(18.26 - 23.63)	--
Southeast	--	(-- --)	24.31	(20.15 - 29.02)	--
Southwest	--	(-- --)	21.53	(17.64 - 26.01)	--
Kentucky¹	29.99	(27.81 - 32.27)	29.20	(27.09 - 31.40)	0.486
Adanta, Cumberland River, and Lifeskills	32.87	(28.74 - 37.29)	32.40	(28.36 - 36.72)	0.824
Bluegrass, Comprehend, and North Key	27.92	(24.71 - 31.36)	25.92	(22.88 - 29.22)	0.240
Centerstone	27.24	(23.68 - 31.11)	26.01	(22.79 - 29.50)	0.499
Communicare and River Valley	30.88	(26.47 - 35.67)	32.76	(27.93 - 37.99)	0.439
Four Rivers and Pennyroyal	30.38	(25.85 - 35.32)	30.69	(26.37 - 35.39)	0.886
Kentucky River, Mountain, and Pathways	35.34	(30.52 - 40.48)	34.58	(30.06 - 39.40)	0.753
Louisiana	25.63	(23.63 - 27.75)	25.93	(24.02 - 27.92)	0.788
Regions 1 and 10	23.93	(20.95 - 27.18)	22.33	(19.47 - 25.47)	0.289
Region 1	24.44	(20.44 - 28.92)	23.64	(19.73 - 28.05)	0.696
Region 10 (Jefferson)	23.40	(19.72 - 27.53)	20.89	(17.45 - 24.81)	0.167
Regions 2 and 9	24.42	(21.40 - 27.71)	25.38	(22.42 - 28.59)	0.559
Region 3	27.09	(23.04 - 31.56)	26.49	(22.61 - 30.77)	0.767
Regions 4, 5, and 6	27.65	(24.18 - 31.41)	29.29	(25.81 - 33.04)	0.383
Regions 7 and 8	25.67	(22.29 - 29.37)	25.60	(22.33 - 29.16)	0.967

See notes at end of table.

(continued)

Table 7 Cigarette Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Maine	22.48 ^a	(20.61 - 24.46)	20.54	(18.70 - 22.51)	0.043
Aroostook/Downeast	24.54	(21.25 - 28.16)	23.37	(20.19 - 26.87)	0.466
Aroostook	27.72	(23.10 - 32.87)	26.17	(21.98 - 30.85)	0.488
Downeast	21.96	(18.03 - 26.46)	21.10	(17.12 - 25.71)	0.662
Central	22.89	(19.40 - 26.80)	22.89	(19.22 - 27.04)	0.998
Cumberland	18.46	(15.59 - 21.72)	17.20	(14.54 - 20.24)	0.387
Midcoast	22.64 ^a	(18.97 - 26.79)	18.73	(15.55 - 22.38)	0.033
Penquis	26.66 ^a	(22.92 - 30.77)	21.89	(18.22 - 26.08)	0.013
Western	24.80	(21.28 - 28.69)	23.18	(19.72 - 27.04)	0.378
York	20.24	(17.03 - 23.87)	18.66	(15.49 - 22.31)	0.363
Maryland	18.53	(16.77 - 20.42)	18.31	(16.66 - 20.08)	0.806
Anne Arundel	18.38	(15.27 - 21.95)	17.96	(14.78 - 21.64)	0.782
Baltimore City	26.37	(22.26 - 30.93)	27.08	(23.05 - 31.53)	0.735
Baltimore County	18.67	(15.53 - 22.27)	18.88	(15.73 - 22.50)	0.891
Montgomery	13.36	(10.79 - 16.42)	11.85	(9.69 - 14.41)	0.221
North Central	15.63	(12.72 - 19.05)	14.51	(11.71 - 17.83)	0.436
Northeast	19.22	(15.92 - 23.01)	19.07	(15.57 - 23.13)	0.930
Prince George's	18.66	(15.40 - 22.44)	17.59	(14.68 - 20.95)	0.510
South	17.96	(14.96 - 21.41)	20.18	(16.73 - 24.13)	0.176
West	21.51	(18.04 - 25.43)	22.10	(18.45 - 26.24)	0.733
Massachusetts	18.29	(16.55 - 20.16)	17.09	(15.48 - 18.83)	0.173
Boston	19.24	(15.93 - 23.05)	19.42	(16.15 - 23.16)	0.911
Central	20.20	(16.84 - 24.04)	18.21	(15.27 - 21.58)	0.213
Metrowest	15.30	(12.81 - 18.17)	13.84	(11.59 - 16.45)	0.251
Northeast	17.62	(14.87 - 20.76)	15.57	(13.10 - 18.40)	0.145
Southeast	19.51	(16.50 - 22.92)	19.00	(15.96 - 22.46)	0.756
Western	20.05	(16.74 - 23.84)	19.13	(15.90 - 22.84)	0.588
Michigan	24.65 ^a	(23.53 - 25.82)	22.41	(21.23 - 23.64)	0.001
Region 1	26.95	(23.26 - 30.98)	26.03	(22.12 - 30.37)	0.644
Region 2	24.08	(20.69 - 27.83)	22.90	(19.34 - 26.90)	0.513
Region 3	23.21	(20.87 - 25.73)	21.13	(18.73 - 23.74)	0.109
Region 4	28.14	(25.11 - 31.38)	25.70	(22.80 - 28.83)	0.142
Region 5	26.41	(24.11 - 28.85)	24.62	(22.19 - 27.21)	0.184
Region 6	21.17	(18.67 - 23.90)	19.43	(16.75 - 22.42)	0.238
Region 7	25.71 ^a	(23.05 - 28.56)	22.47	(20.05 - 25.10)	0.024
Region 8	19.31 ^a	(16.98 - 21.87)	16.79	(14.66 - 19.14)	0.046
Region 9	26.08	(23.02 - 29.40)	23.59	(20.50 - 26.99)	0.135
Region 10	27.13	(24.13 - 30.34)	25.30	(22.07 - 28.83)	0.268

See notes at end of table.

(continued)

Table 7 Cigarette Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Minnesota	21.47 ^a	(19.63 - 23.43)	19.38	(17.72 - 21.16)	0.027
Regions 1 and 2	23.78	(20.04 - 27.97)	22.21	(19.00 - 25.79)	0.374
Region 1	--	(-- - --)	22.11	(18.08 - 26.74)	--
Region 2	--	(-- - --)	22.27	(18.23 - 26.91)	--
Regions 3 and 4	25.45 ^b	(21.82 - 29.47)	22.54	(19.66 - 25.71)	0.075
Region 3	--	(-- - --)	22.66	(18.36 - 27.62)	--
Region 4	--	(-- - --)	22.48	(19.13 - 26.23)	--
Regions 5 and 6	24.26 ^a	(20.75 - 28.16)	20.40	(17.63 - 23.49)	0.014
Region 5	--	(-- - --)	20.61	(17.04 - 24.71)	--
Region 6	--	(-- - --)	20.19	(16.63 - 24.28)	--
Region 7	--	(-- - --)	17.54	(15.71 - 19.53)	--
Region 7A (Hennepin)	18.18	(15.38 - 21.36)	16.95	(14.50 - 19.72)	0.397
Region 7B (Ramsey)	21.60	(18.05 - 25.63)	19.76	(16.47 - 23.52)	0.293
Region 7C	18.24	(15.60 - 21.21)	17.16	(14.64 - 20.00)	0.438
Mississippi	29.17 ^a	(26.91 - 31.53)	25.00	(23.13 - 26.97)	0.000
Region 1	31.87 ^a	(28.03 - 35.98)	26.66	(23.42 - 30.18)	0.008
Region 2	27.71	(23.72 - 32.08)	25.30	(21.55 - 29.45)	0.248
Region 3	28.97	(25.04 - 33.25)	26.47	(22.70 - 30.61)	0.214
Region 4	27.19 ^a	(23.35 - 31.41)	21.27	(18.28 - 24.60)	0.001
Region 5	28.92	(24.23 - 34.11)	27.49	(22.68 - 32.88)	0.548
Region 6	29.07	(24.95 - 33.56)	25.65	(21.96 - 29.72)	0.101
Region 7	29.05 ^a	(24.84 - 33.65)	24.15	(20.59 - 28.10)	0.019
Missouri	27.03 ^a	(25.03 - 29.13)	23.67	(21.88 - 25.55)	0.001
Central	29.13 ^a	(25.36 - 33.20)	23.72	(20.18 - 27.67)	0.004
Eastern	24.04	(21.36 - 26.94)	22.79	(20.34 - 25.43)	0.367
Eastern (St. Louis City and County)	23.64	(20.34 - 27.30)	23.00	(19.93 - 26.39)	0.709
Eastern (excluding St. Louis)	24.72	(21.21 - 28.60)	22.42	(19.16 - 26.05)	0.219
Northwest	25.87 ^b	(22.95 - 29.02)	23.39	(20.80 - 26.20)	0.078
Northwest (Jackson)	27.54 ^a	(23.65 - 31.81)	23.36	(19.84 - 27.29)	0.028
Northwest (excluding Jackson)	24.46	(20.72 - 28.62)	23.42	(20.04 - 27.17)	0.571
Southeast	32.10 ^a	(27.78 - 36.74)	26.76	(22.83 - 31.08)	0.013
Southwest	29.84 ^a	(25.72 - 34.32)	23.67	(20.21 - 27.51)	0.001
Montana	23.21 ^a	(21.25 - 25.30)	20.83	(18.98 - 22.81)	0.024
Region 1	26.21	(22.02 - 30.88)	24.68	(20.38 - 29.56)	0.482
Region 2	26.11 ^a	(22.44 - 30.14)	22.12	(18.59 - 26.09)	0.036
Region 3	24.22 ^a	(21.06 - 27.70)	20.67	(17.83 - 23.82)	0.035
Region 4	20.80	(17.71 - 24.26)	19.92	(17.17 - 22.99)	0.576
Region 5	22.53	(19.63 - 25.73)	20.13	(17.42 - 23.16)	0.139

See notes at end of table.

(continued)

Table 7 Cigarette Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Nebraska	22.59	(20.59 - 24.73)	22.21	(20.40 - 24.13)	0.716
Regions 1 and 2	24.90	(21.53 - 28.60)	24.51	(21.05 - 28.34)	0.814
Region 1	24.05	(20.10 - 28.51)	24.94	(20.54 - 29.93)	0.661
Region 2	25.64	(21.12 - 30.75)	24.13	(19.90 - 28.95)	0.477
Region 3	22.38	(18.97 - 26.22)	22.19	(18.72 - 26.09)	0.916
Region 4	24.41	(20.46 - 28.84)	21.92	(18.24 - 26.10)	0.208
Region 5	22.68	(19.66 - 26.02)	22.67	(19.62 - 26.04)	0.994
Region 6	21.55	(18.74 - 24.64)	21.47	(18.93 - 24.25)	0.959
Nevada	24.05 ^a	(21.82 - 26.44)	20.40	(18.50 - 22.45)	0.002
Clark – Region 1	24.33 ^a	(21.70 - 27.15)	19.93	(17.78 - 22.26)	0.002
Region 3	25.65	(22.06 - 29.59)	23.08	(19.57 - 27.00)	0.132
Capital District	24.48	(20.08 - 29.50)	21.58	(17.27 - 26.61)	0.171
Rural/Frontier	26.70	(22.21 - 31.73)	24.44	(20.13 - 29.33)	0.297
Washoe – Region 2	21.55	(18.35 - 25.13)	20.52	(17.33 - 24.12)	0.537
New Hampshire	19.67	(17.94 - 21.52)	19.27	(17.56 - 21.10)	0.655
Central	21.22	(18.74 - 23.92)	21.44	(18.94 - 24.17)	0.862
Central 1	21.87	(18.68 - 25.44)	21.30	(17.94 - 25.10)	0.734
Central 2	20.58	(17.48 - 24.07)	21.57	(18.45 - 25.06)	0.554
Northern	20.67	(17.34 - 24.44)	20.62	(17.28 - 24.43)	0.980
Southern	18.70	(16.74 - 20.83)	17.92	(15.95 - 20.08)	0.454
Southern 1 (Rockingham)	18.39	(15.80 - 21.29)	16.29	(13.78 - 19.16)	0.118
Southern 2	18.89	(16.43 - 21.62)	18.94	(16.50 - 21.66)	0.969
New Jersey	17.40	(15.68 - 19.28)	16.79	(15.41 - 18.27)	0.483
Central	17.69	(15.01 - 20.73)	17.34	(15.01 - 19.95)	0.797
Metropolitan	16.70	(14.12 - 19.65)	15.83	(13.56 - 18.40)	0.507
Northern	15.55	(13.07 - 18.40)	15.22	(13.26 - 17.42)	0.795
Southern	20.75	(17.71 - 24.17)	19.72	(17.16 - 22.56)	0.497
New Mexico	22.48 ^b	(20.44 - 24.66)	20.79	(19.01 - 22.69)	0.100
Region 1	23.02	(19.59 - 26.84)	22.04	(18.84 - 25.61)	0.585
Region 2	18.86	(15.66 - 22.54)	18.58	(15.42 - 22.21)	0.868
Region 3 (Bernalillo)	22.10	(19.07 - 25.46)	20.01	(17.49 - 22.81)	0.188
Region 4	26.11	(22.51 - 30.07)	23.84	(20.28 - 27.80)	0.213
Region 5	22.90 ^b	(19.65 - 26.50)	20.42	(17.79 - 23.33)	0.094
Region 5a	--	(-- --)	21.37	(17.83 - 25.39)	--
Region 5b (Dona Ana)	--	(-- --)	19.56	(16.37 - 23.19)	--

See notes at end of table.

(continued)

Table 7 Cigarette Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
New York¹	20.00 ^b	(18.92 - 21.14)	18.89	(17.85 - 19.98)	0.063
Region 1: Long Island	17.22 ^a	(15.10 - 19.58)	14.78	(12.80 - 17.01)	0.029
Region 2: New York City	18.52	(17.06 - 20.08)	17.67	(16.27 - 19.17)	0.291
Region 2A: Bronx	18.48	(15.85 - 21.44)	17.55	(14.95 - 20.50)	0.486
Region 2B: Kings	--	(-- - --)	18.58	(16.23 - 21.19)	--
Region 2C: New York	18.39	(15.79 - 21.31)	19.27	(16.51 - 22.37)	0.540
Region 2D: Queens	17.01	(14.52 - 19.84)	15.59	(13.32 - 18.17)	0.284
Region 2E: Richmond	--	(-- - --)	17.46	(14.33 - 21.10)	--
Region 3: Mid-Hudson	--	(-- - --)	17.30	(15.03 - 19.83)	--
Region 4: Capital Region	--	(-- - --)	22.21	(19.13 - 25.62)	--
Region 5: Mohawk Valley	--	(-- - --)	27.95	(23.57 - 32.80)	--
Region 6: North Country	--	(-- - --)	26.21	(22.03 - 30.86)	--
Region 7: Tug Hill Seaway	--	(-- - --)	25.66	(21.75 - 30.00)	--
Region 8: Central	--	(-- - --)	25.38	(22.25 - 28.78)	--
Region 9: Southern Tier	--	(-- - --)	22.70	(19.19 - 26.63)	--
Region 10: Finger Lakes	--	(-- - --)	19.93	(17.31 - 22.84)	--
Region 11: Western	--	(-- - --)	23.16	(20.61 - 25.91)	--
North Carolina	22.67	(20.77 - 24.69)	21.27	(19.81 - 22.81)	0.127
Alliance Behavioral Healthcare 1	21.05	(17.58 - 25.00)	21.32	(18.06 - 24.99)	0.878
Alliance Behavioral Healthcare 2	16.11	(13.34 - 19.32)	15.12	(12.59 - 18.06)	0.463
Cardinal Innovations Healthcare Solutions 1	22.22	(18.47 - 26.48)	20.55	(17.39 - 24.12)	0.351
Cardinal Innovations Healthcare Solutions 2	23.16	(19.42 - 27.38)	21.77	(18.34 - 25.64)	0.448
Cardinal Innovations Healthcare Solutions 3	20.26	(16.76 - 24.27)	18.42	(15.54 - 21.69)	0.264
CenterPoint Human Services	22.45	(18.85 - 26.50)	22.22	(18.67 - 26.23)	0.902
Eastpointe	26.80	(22.48 - 31.60)	25.09	(21.56 - 29.00)	0.409
Partners Behavioral Health Management	25.17	(21.26 - 29.54)	22.32	(18.83 - 26.23)	0.165
Sandhills Center 1	26.29	(21.92 - 31.18)	25.54	(21.58 - 29.95)	0.722
Sandhills Center 2	21.47	(17.83 - 25.62)	19.89	(16.60 - 23.65)	0.395
Smoky Mountain Center 1	24.42	(20.32 - 29.05)	23.09	(19.43 - 27.21)	0.491
Smoky Mountain Center 2	21.94	(18.20 - 26.21)	20.86	(17.48 - 24.71)	0.550
Trillium Health Resources 1	24.04	(20.02 - 28.57)	22.94	(19.47 - 26.83)	0.579
Trillium Health Resources 2	24.73	(20.60 - 29.37)	22.52	(18.74 - 26.82)	0.270

See notes at end of table.

(continued)

Table 7 Cigarette Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
North Dakota	24.92 ^a	(23.05 - 26.88)	22.99	(21.23 - 24.85)	0.045
Badlands and West Central	25.89 ^a	(22.88 - 29.14)	22.05	(19.59 - 24.73)	0.009
Badlands	--	(-- --)	23.42	(19.43 - 27.94)	--
West Central	--	(-- --)	21.65	(18.86 - 24.74)	--
Lake Region	24.26	(20.42 - 28.55)	25.59	(21.25 - 30.47)	0.512
North Central	25.42	(21.61 - 29.64)	24.19	(20.50 - 28.30)	0.500
Northeast	24.46	(21.09 - 28.19)	24.35	(20.99 - 28.04)	0.947
Northwest	28.30 ^a	(23.96 - 33.09)	24.02	(19.67 - 29.00)	0.042
South Central	25.11	(21.04 - 29.67)	23.08	(19.13 - 27.56)	0.314
Southeast	23.38	(20.52 - 26.50)	21.93	(19.20 - 24.92)	0.347
Ohio	26.21 ^a	(25.02 - 27.44)	24.27	(23.00 - 25.59)	0.005
Boards 2, 46, 55, and 68	26.96	(23.25 - 31.02)	27.59	(23.55 - 32.04)	0.754
Boards 3, 52, and 85	24.09 ^a	(20.65 - 27.91)	19.36	(16.06 - 23.15)	0.006
Boards 4 and 78	29.43	(25.33 - 33.89)	29.12	(24.92 - 33.71)	0.885
Boards 5 and 60	32.79 ^b	(28.59 - 37.28)	28.94	(24.60 - 33.70)	0.087
Boards 7, 15, 41, 79, and 84	29.27	(25.49 - 33.35)	26.45	(22.51 - 30.81)	0.159
Boards 8, 13, and 83	23.55 ^b	(20.48 - 26.93)	20.82	(17.61 - 24.45)	0.082
Board 9 (Butler)	24.66	(21.23 - 28.45)	22.42	(19.04 - 26.20)	0.179
Board 12	25.56	(21.70 - 29.84)	22.64	(19.02 - 26.72)	0.114
Boards 18 and 47	23.80	(21.27 - 26.53)	24.20	(21.56 - 27.06)	0.784
Boards 20, 32, 54, and 69	27.97	(24.26 - 32.01)	28.91	(25.05 - 33.09)	0.614
Boards 21, 39, 51, 70, and 80	24.64	(21.49 - 28.10)	23.81	(20.28 - 27.74)	0.654
Boards 22, 74, and 87	27.80	(23.88 - 32.08)	28.07	(24.08 - 32.45)	0.890
Boards 23 and 45	27.09	(23.38 - 31.15)	24.24	(20.83 - 28.01)	0.121
Board 25 (Franklin)	26.24 ^a	(23.49 - 29.18)	22.02	(19.22 - 25.10)	0.007
Boards 27, 71, and 73	34.46 ^a	(30.24 - 38.95)	29.54	(25.28 - 34.18)	0.035
Boards 28, 43, and 67	23.38	(20.14 - 26.97)	21.49	(18.31 - 25.06)	0.282
Board 31 (Hamilton)	24.78	(21.77 - 28.06)	23.42	(20.29 - 26.87)	0.409
Board 48 (Lucas)	28.76	(25.09 - 32.73)	26.55	(22.71 - 30.78)	0.258
Boards 50 and 76	25.74	(22.51 - 29.26)	24.67	(21.36 - 28.32)	0.538
Board 57 (Montgomery)	24.90	(21.45 - 28.71)	23.63	(20.04 - 27.65)	0.496
Board 77 (Summit)	24.94 ^a	(21.68 - 28.51)	19.95	(16.84 - 23.47)	0.003
Oklahoma	28.42 ^a	(26.34 - 30.59)	25.14	(23.19 - 27.19)	0.004
Central	25.12	(21.24 - 29.43)	24.36	(20.80 - 28.30)	0.704
East Central	29.20	(25.02 - 33.77)	27.28	(23.29 - 31.66)	0.365
Northeast	28.80 ^a	(24.91 - 33.04)	24.57	(21.06 - 28.45)	0.030
Northwest and Southwest	30.97	(26.46 - 35.86)	30.13	(26.15 - 34.43)	0.707
Oklahoma County	26.80 ^a	(23.34 - 30.57)	21.71	(18.45 - 25.38)	0.006
Southeast	31.12 ^b	(27.04 - 35.52)	27.66	(23.75 - 31.93)	0.093
Tulsa County	27.49 ^a	(23.70 - 31.64)	22.26	(18.97 - 25.94)	0.007

See notes at end of table.

(continued)

Table 7 Cigarette Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Oregon	20.21 ^a	(18.37 - 22.19)	18.13	(16.52 - 19.86)	0.026
Region 1 (Multnomah)	19.65	(16.57 - 23.14)	18.26	(15.47 - 21.43)	0.372
Region 2	18.06 ^a	(15.26 - 21.24)	14.60	(12.38 - 17.15)	0.012
Region 3	21.30	(18.56 - 24.32)	19.85	(17.23 - 22.77)	0.329
Region 4	20.55	(17.11 - 24.47)	19.33	(16.31 - 22.75)	0.480
Region 5 (Central)	20.72 ^a	(17.08 - 24.89)	16.49	(13.14 - 20.49)	0.016
Region 6 (Eastern)	23.54	(19.56 - 28.05)	21.27	(17.54 - 25.55)	0.239
Pennsylvania	23.54 ^a	(22.38 - 24.74)	21.92	(20.72 - 23.16)	0.014
Region 1 (Allegheny)	25.44 ^a	(22.52 - 28.59)	21.14	(18.41 - 24.16)	0.007
Regions 3, 8, 9, and 51	24.33	(21.07 - 27.91)	22.58	(19.37 - 26.15)	0.329
Regions 4, 11, 37, and 49	27.24 ^a	(23.89 - 30.87)	23.26	(20.09 - 26.75)	0.023
Regions 5, 18, 23, 24, and 46	23.33 ^b	(20.53 - 26.39)	20.35	(17.35 - 23.71)	0.052
Regions 6, 12, 16, 31, 35, 45, and 47	25.62	(22.52 - 29.00)	24.24	(20.91 - 27.91)	0.423
Regions 7, 13, 20, and 33	17.60	(15.70 - 19.68)	15.94	(14.00 - 18.09)	0.113
Regions 10, 15, 27, 32, 43, and 44	30.44 ^a	(26.68 - 34.47)	26.40	(22.53 - 30.67)	0.041
Regions 17 and 21	27.25	(23.64 - 31.19)	25.29	(21.55 - 29.44)	0.302
Regions 19, 26, 28, and 42	22.46	(19.92 - 25.22)	23.01	(20.32 - 25.93)	0.706
Regions 22, 38, 40, 41, and 48	24.79	(21.46 - 28.46)	24.03	(20.74 - 27.65)	0.672
Regions 29 and 34	22.89	(19.70 - 26.42)	21.64	(18.11 - 25.65)	0.488
Regions 30 and 50	26.51	(23.00 - 30.36)	26.02	(22.36 - 30.06)	0.791
Region 36 (Philadelphia)	24.39	(21.49 - 27.55)	24.89	(21.86 - 28.19)	0.766
Rhode Island	20.18	(18.29 - 22.21)	19.34	(17.52 - 21.30)	0.395
Region 1: Southern Providence County	--	(-- --)	18.21	(15.25 - 21.59)	--
Region 2: Northern Providence County/Blackstone Valley	--	(-- --)	21.86	(18.54 - 25.60)	--
Region 3: Providence	--	(-- --)	20.61	(17.15 - 24.56)	--
Region 4: Kent County	--	(-- --)	21.01	(17.77 - 24.66)	--
Region 5: East Bay	--	(-- --)	19.58	(16.26 - 23.39)	--
Region 6: Newport County	--	(-- --)	15.33	(12.41 - 18.79)	--
Region 7: South County	--	(-- --)	15.07	(12.31 - 18.33)	--
South Carolina	25.34 ^a	(23.37 - 27.43)	23.29	(21.52 - 25.16)	0.043
Region 1	26.43	(23.23 - 29.91)	25.06	(21.94 - 28.45)	0.438
Region 2	25.05	(21.73 - 28.68)	22.89	(19.96 - 26.10)	0.182
Region 3	25.75	(22.29 - 29.54)	23.17	(20.02 - 26.67)	0.148
Region 4	24.07	(21.04 - 27.39)	21.66	(19.09 - 24.47)	0.112
South Dakota	24.23	(22.37 - 26.20)	22.72	(20.95 - 24.59)	0.131
Region 1	26.18 ^b	(23.02 - 29.61)	22.87	(20.01 - 26.00)	0.053
Region 2	25.57	(21.60 - 29.99)	24.13	(20.32 - 28.40)	0.484
Region 3	23.14	(20.08 - 26.52)	23.06	(20.05 - 26.38)	0.960
Region 4	23.58	(20.04 - 27.53)	25.41	(21.70 - 29.51)	0.339
Region 5	23.34 ^b	(20.35 - 26.62)	20.53	(17.86 - 23.49)	0.074

See notes at end of table.

(continued)

Table 7 Cigarette Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014		2014-2016		P Value
	2012-2014 (Estimate)	(95% Confidence Interval)	2014-2016 (Estimate)	(95% Confidence Interval)	
Tennessee	23.87	(21.91 - 25.94)	23.52	(21.71 - 25.43)	0.743
Region 1	25.35	(21.32 - 29.86)	24.94	(21.05 - 29.28)	0.846
Region 2	24.31	(21.02 - 27.93)	24.14	(20.86 - 27.77)	0.927
Region 3	24.73	(21.16 - 28.67)	24.02	(20.57 - 27.84)	0.720
Region 4 (Davidson)	23.63	(19.86 - 27.87)	22.45	(18.61 - 26.82)	0.545
Region 5	24.61	(21.45 - 28.07)	24.10	(21.16 - 27.31)	0.757
Region 6	25.60	(21.68 - 29.96)	26.93	(22.89 - 31.40)	0.513
Region 7 (Shelby)	19.29	(16.09 - 22.95)	18.78	(15.70 - 22.30)	0.759
Texas	19.99	(18.97 - 21.05)	19.15	(18.15 - 20.19)	0.138
Region 1	23.80	(20.70 - 27.21)	22.57	(19.27 - 26.26)	0.439
Region 2	26.35	(22.69 - 30.37)	26.76	(22.81 - 31.13)	0.827
Region 3	18.63 ^b	(17.07 - 20.29)	17.12	(15.69 - 18.66)	0.081
Region 3a	17.85	(15.90 - 19.98)	16.20	(14.45 - 18.11)	0.116
Region 3bc	19.99	(17.62 - 22.59)	18.76	(16.60 - 21.14)	0.360
Region 4	25.01	(21.79 - 28.52)	25.27	(22.07 - 28.77)	0.883
Region 5	27.75 ^a	(23.74 - 32.15)	23.34	(19.78 - 27.31)	0.021
Region 6	18.71	(16.88 - 20.68)	17.46	(15.80 - 19.25)	0.197
Region 6a	18.33	(16.38 - 20.45)	17.11	(15.36 - 19.02)	0.240
Region 6bc	21.89	(18.42 - 25.81)	20.38	(16.95 - 24.29)	0.360
Region 7	20.23	(18.23 - 22.39)	20.40	(18.38 - 22.58)	0.869
Region 7a	18.57	(16.13 - 21.29)	18.00	(15.61 - 20.66)	0.650
Region 7bcd	23.09	(20.07 - 26.42)	24.64	(21.50 - 28.09)	0.315
Region 8	18.73	(16.52 - 21.16)	19.68	(17.36 - 22.23)	0.437
Region 9	26.20 ^b	(22.35 - 30.46)	23.21	(19.39 - 27.53)	0.099
Region 10	19.26	(16.28 - 22.64)	18.17	(15.19 - 21.59)	0.471
Region 11	19.27	(17.03 - 21.73)	19.51	(17.32 - 21.90)	0.833
Region 11abd	19.65	(16.75 - 22.92)	20.72	(17.77 - 24.03)	0.480
Region 11c (Hidalgo)	18.61	(15.83 - 21.75)	17.43	(14.54 - 20.75)	0.397
Utah	16.09 ^a	(14.46 - 17.86)	13.11	(11.75 - 14.60)	0.000
Bear River, Northeastern, Summit, Tooele, and Wasatch	17.52 ^b	(14.55 - 20.94)	14.60	(11.65 - 18.14)	0.056
Central, Four Corners, San Juan, and Southwest	18.73 ^a	(15.45 - 22.53)	14.73	(12.32 - 17.51)	0.003
Central, Four Corners, and San Juan	--	(-- - --)	16.43	(13.13 - 20.37)	--
Southwest	--	(-- - --)	13.67	(10.92 - 16.99)	--
Davis County	15.83 ^a	(12.93 - 19.22)	11.34	(9.06 - 14.11)	0.001
Salt Lake County	15.54 ^b	(13.40 - 17.95)	13.57	(11.76 - 15.61)	0.080
Utah County	13.48 ^a	(11.12 - 16.24)	10.35	(8.46 - 12.60)	0.006
Weber, Morgan	18.60 ^a	(15.32 - 22.39)	14.83	(12.12 - 18.01)	0.017
Vermont	21.10	(19.28 - 23.03)	22.07	(20.21 - 24.05)	0.345
Champlain Valley	21.77	(19.28 - 24.50)	21.53	(19.05 - 24.23)	0.861
Rural Northeast	21.11 ^b	(17.99 - 24.61)	24.45	(21.04 - 28.22)	0.056
Rural Southeast	19.48	(16.39 - 22.99)	18.82	(16.13 - 21.86)	0.669
Rural Southwest	21.49	(18.32 - 25.03)	24.18	(20.64 - 28.11)	0.132

See notes at end of table.

(continued)

Table 7 Cigarette Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Virginia	22.39 ^a	(20.54 - 24.34)	20.22	(18.83 - 21.68)	0.017
Region 1	23.08 ^a	(20.02 - 26.46)	20.05	(17.37 - 23.03)	0.041
Region 2	15.83 ^a	(13.39 - 18.60)	12.33	(10.56 - 14.36)	0.006
Region 3	29.47	(25.77 - 33.48)	28.25	(25.07 - 31.66)	0.509
Region 4	23.28	(19.73 - 27.26)	22.06	(19.34 - 25.04)	0.471
Region 5	24.07	(20.88 - 27.57)	22.96	(20.38 - 25.77)	0.497
Washington¹	19.60 ^a	(17.92 - 21.40)	16.87	(15.28 - 18.59)	0.002
Region 1	20.61 ^b	(18.01 - 23.48)	18.18	(15.67 - 20.99)	0.062
Greater Columbia and North Central	18.37	(15.27 - 21.94)	16.29	(13.38 - 19.68)	0.180
Spokane	23.87	(20.05 - 28.16)	20.97	(17.23 - 25.27)	0.130
Region 2	18.17 ^a	(16.11 - 20.43)	14.18	(12.42 - 16.14)	0.000
King	16.64 ^a	(14.29 - 19.29)	12.92	(10.91 - 15.23)	0.002
North Sound	20.86 ^a	(17.68 - 24.45)	16.42	(13.61 - 19.67)	0.005
Region 3	20.95	(18.71 - 23.39)	19.84	(17.52 - 22.38)	0.346
Pierce	21.55	(18.22 - 25.30)	21.07	(17.77 - 24.81)	0.788
Salish	18.77	(15.33 - 22.77)	16.59	(13.21 - 20.63)	0.177
SW WA and Great Rivers	21.51	(18.12 - 25.35)	20.78	(17.14 - 24.97)	0.682
Thurston-Mason	20.70	(17.02 - 24.94)	18.35	(14.54 - 22.90)	0.181
West Virginia	30.21	(28.15 - 32.36)	29.92	(27.74 - 32.21)	0.806
Region I	27.29	(22.82 - 32.27)	28.06	(23.57 - 33.04)	0.746
Region II	27.94 ^a	(24.12 - 32.10)	22.85	(19.26 - 26.88)	0.011
Region III	28.43	(23.90 - 33.45)	28.93	(24.63 - 33.66)	0.827
Region IV	30.88	(27.43 - 34.57)	33.23	(29.44 - 37.24)	0.232
Region V	32.03	(28.62 - 35.65)	31.13	(27.42 - 35.10)	0.643
Region VI	30.51	(26.83 - 34.45)	30.88	(27.18 - 34.84)	0.858
Wisconsin	22.09	(20.18 - 24.13)	20.85	(19.04 - 22.79)	0.232
Milwaukee	24.11	(20.44 - 28.20)	21.96	(18.75 - 25.56)	0.254
Northeastern	22.87	(19.80 - 26.26)	21.11	(17.95 - 24.66)	0.314
Northern	22.37	(18.62 - 26.63)	23.07	(19.13 - 27.54)	0.721
Southeastern	19.91	(16.90 - 23.32)	18.93	(16.02 - 22.23)	0.542
Southern	20.91	(17.73 - 24.48)	19.05	(16.24 - 22.22)	0.253
Western	23.21	(19.85 - 26.95)	23.19	(19.56 - 27.26)	0.989

See notes at end of table.

(continued)

Table 7 Cigarette Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and *P* Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	<i>P</i> Value
Wyoming	25.19 ^a	(23.15 - 27.34)	22.97	(21.14 - 24.92)	0.029
Judicial District 1 (Laramie)	26.32	(22.67 - 30.33)	24.39	(21.04 - 28.09)	0.306
Judicial District 2	23.44	(20.01 - 27.25)	21.53	(18.23 - 25.24)	0.251
Judicial District 3	25.74 ^a	(22.24 - 29.59)	20.70	(17.31 - 24.57)	0.005
Judicial District 4	20.77	(17.23 - 24.82)	20.15	(16.22 - 24.74)	0.739
Judicial District 5	21.09	(17.46 - 25.24)	20.16	(16.85 - 23.94)	0.609
Judicial District 6	28.24	(24.19 - 32.68)	26.51	(22.49 - 30.96)	0.387
Judicial District 7 (Natrona)	28.53	(24.47 - 32.97)	26.61	(22.86 - 30.74)	0.329
Judicial District 8	26.23	(22.25 - 30.64)	23.26	(19.34 - 27.69)	0.132
Judicial District 9	23.19	(19.43 - 27.43)	21.41	(17.97 - 25.31)	0.335

SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2012-2014 and 2014-2016); hence, the 2012-2014 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

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 significance levels for the null hypothesis of no change between the 2012-2014 and 2014-2016 population percentages. The "Total U.S." estimates, along with the 95 percent confidence intervals and the *p* values, are based on design-based (direct) estimation methods.

^a Difference between the 2012-2014 and 2014-2016 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2012-2014 and 2014-2016 population percentages 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 (2012-2014 vs. 2014-2016). For details, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012-2016.

Table 8 Alcohol Use Disorder in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Total United States	6.60 ^a	(6.43 - 6.78)	5.96	(5.81 - 6.11)	0.000
Northeast	6.69 ^a	(6.35 - 7.04)	6.20	(5.87 - 6.54)	0.009
Midwest	6.76 ^a	(6.48 - 7.05)	6.11	(5.86 - 6.38)	0.000
South	6.23 ^a	(5.97 - 6.50)	5.53	(5.31 - 5.76)	0.000
West	6.98 ^a	(6.62 - 7.36)	6.31	(6.00 - 6.63)	0.001
Alabama	5.81 ^a	(5.00 - 6.73)	4.30	(3.60 - 5.13)	0.000
Region 1	5.82 ^a	(4.62 - 7.31)	3.96	(3.03 - 5.16)	0.001
Region 2	5.89 ^a	(4.78 - 7.24)	4.45	(3.47 - 5.68)	0.006
Region 3	5.54 ^a	(4.46 - 6.86)	3.94	(2.92 - 5.30)	0.004
Region 4	5.89 ^b	(4.72 - 7.32)	4.81	(3.66 - 6.29)	0.067
Alaska	7.40	(6.39 - 8.54)	7.13	(6.16 - 8.24)	0.632
Anchorage	7.56	(6.26 - 9.10)	7.38	(6.05 - 8.97)	0.792
Northern	7.82	(6.30 - 9.67)	7.53	(5.92 - 9.53)	0.725
South Central	6.83	(5.45 - 8.54)	6.53	(5.11 - 8.30)	0.673
Southeast	7.26	(5.63 - 9.31)	6.81	(5.09 - 9.06)	0.595
Arizona¹	7.45 ^a	(6.41 - 8.63)	6.33	(5.44 - 7.35)	0.026
Central	7.61 ^a	(6.33 - 9.11)	6.38	(5.34 - 7.60)	0.037
North	--	(-- --)	6.27	(4.67 - 8.36)	--
South	--	(-- --)	6.24	(5.00 - 7.77)	--
South A	7.71 ^b	(6.14 - 9.63)	6.48	(4.94 - 8.45)	0.089
South B	--	(-- --)	5.96	(4.45 - 7.95)	--
Arkansas	5.50	(4.71 - 6.41)	4.96	(4.17 - 5.89)	0.169
Catchment Area 1	6.08 ^a	(4.85 - 7.58)	4.80	(3.62 - 6.34)	0.020
Catchment Area 2	5.26	(4.05 - 6.80)	4.42	(3.27 - 5.96)	0.130
Catchment Area 3	5.20	(4.11 - 6.57)	5.47	(4.11 - 7.26)	0.642
Catchment Area 4	5.97	(4.61 - 7.70)	5.07	(3.74 - 6.84)	0.137
Catchment Area 5	5.68	(4.47 - 7.18)	5.18	(3.90 - 6.86)	0.395
Catchment Area 6	5.26	(4.05 - 6.80)	4.51	(3.29 - 6.14)	0.160
Catchment Area 7	4.93	(3.76 - 6.45)	4.72	(3.46 - 6.40)	0.688
Catchment Area 8	5.33	(4.19 - 6.75)	5.13	(3.88 - 6.74)	0.716

See notes at end of table.

(continued)

Table 8 Alcohol Use Disorder in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
California	6.81	(6.26 - 7.40)	6.37	(5.88 - 6.90)	0.159
Region 1R	7.31	(5.91 - 9.01)	6.87	(5.35 - 8.78)	0.510
Region 2R	7.00	(5.71 - 8.55)	6.46	(5.01 - 8.29)	0.410
Region 3R (Sacramento)	6.48	(5.24 - 7.98)	6.25	(4.93 - 7.88)	0.706
Region 4R	7.17	(5.89 - 8.70)	7.04	(5.51 - 8.95)	0.853
Region 5R (San Francisco)	8.83	(7.05 - 11.01)	7.52	(5.73 - 9.83)	0.153
Region 6 (Santa Clara)	6.24	(5.09 - 7.62)	5.34	(4.27 - 6.66)	0.111
Region 7R (Contra Costa)	6.53	(5.28 - 8.06)	7.43	(5.82 - 9.43)	0.187
Region 8R (Alameda)	7.05	(5.77 - 8.58)	6.22	(4.90 - 7.87)	0.207
Region 9R (San Mateo)	6.29	(5.01 - 7.87)	5.88	(4.49 - 7.66)	0.521
Region 10	7.20	(5.85 - 8.84)	7.55	(5.88 - 9.64)	0.612
Region 11 (Los Angeles)	6.90 ^a	(6.21 - 7.67)	6.06	(5.39 - 6.81)	0.020
LA SPA 1 and 5	7.60 ^a	(6.16 - 9.34)	5.85	(4.46 - 7.66)	0.008
LA SPA 2	6.36	(5.20 - 7.76)	5.58	(4.38 - 7.09)	0.175
LA SPA 3	6.36	(5.23 - 7.71)	5.67	(4.42 - 7.25)	0.228
LA SPA 4	8.34	(6.75 - 10.26)	7.44	(5.75 - 9.58)	0.266
LA SPA 6	7.05 ^b	(5.67 - 8.75)	5.84	(4.51 - 7.54)	0.055
LA SPA 7	6.49	(5.33 - 7.90)	6.13	(4.76 - 7.87)	0.550
LA SPA 8	6.97	(5.68 - 8.53)	6.36	(5.07 - 7.96)	0.323
Region 12R	6.37	(5.10 - 7.93)	5.95	(4.56 - 7.73)	0.492
Regions 13 and 19R	6.43	(5.34 - 7.72)	6.37	(5.20 - 7.80)	0.922
Region 14 (Orange)	7.03	(5.87 - 8.40)	6.96	(5.67 - 8.51)	0.901
Region 15R (Fresno)	6.67	(5.42 - 8.18)	6.77	(5.29 - 8.63)	0.861
Region 16R (San Diego)	6.64	(5.50 - 8.01)	6.45	(5.30 - 7.83)	0.740
Region 17R	6.52	(5.37 - 7.89)	5.79	(4.66 - 7.18)	0.174
Region 18R (San Bernardino)	6.30	(5.21 - 7.60)	5.92	(4.72 - 7.40)	0.502
Region 20R	6.47	(5.24 - 7.97)	6.12	(4.73 - 7.90)	0.539
Region 21R	7.14	(5.80 - 8.77)	6.83	(5.25 - 8.82)	0.633
Colorado	7.83	(6.83 - 8.97)	7.20	(6.19 - 8.36)	0.205
Region 1	--	(-- --)	7.27	(5.64 - 9.32)	--
Region 2	--	(-- --)	6.49	(4.82 - 8.70)	--
Region 3	--	(-- --)	7.34	(5.80 - 9.24)	--
Region 4	--	(-- --)	6.22	(4.54 - 8.47)	--
Region 5	--	(-- --)	8.68	(6.61 - 11.33)	--
Region 6	--	(-- --)	6.95	(5.35 - 8.96)	--
Region 7	--	(-- --)	6.68	(5.07 - 8.77)	--
Connecticut	6.95	(5.99 - 8.05)	6.72	(5.70 - 7.90)	0.663
Eastern	7.83	(6.25 - 9.75)	6.59	(4.94 - 8.73)	0.107
North Central	6.99	(5.64 - 8.62)	7.10	(5.58 - 9.00)	0.882
Northwestern	6.42	(5.05 - 8.13)	6.15	(4.66 - 8.08)	0.710
South Central	6.93	(5.52 - 8.68)	7.20	(5.54 - 9.30)	0.739
Southwest	6.85	(5.40 - 8.67)	6.17	(4.69 - 8.07)	0.337

See notes at end of table.

(continued)

Table 8 Alcohol Use Disorder in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Delaware	6.66	(5.77 - 7.67)	5.89	(5.01 - 6.91)	0.109
Kent	6.60	(5.29 - 8.22)	5.85	(4.51 - 7.55)	0.243
New Castle (excluding Wilmington City)	6.91	(5.83 - 8.17)	6.33	(5.18 - 7.72)	0.345
Sussex	5.98 ^b	(4.72 - 7.55)	4.81	(3.57 - 6.45)	0.073
Wilmington City	7.03	(5.42 - 9.08)	6.20	(4.50 - 8.49)	0.277
District of Columbia	10.66 ^a	(9.34 - 12.14)	8.59	(7.51 - 9.81)	0.004
Ward 1	13.58 ^a	(11.07 - 16.56)	10.43	(8.02 - 13.46)	0.016
Ward 2	13.91	(11.35 - 16.95)	12.07	(9.50 - 15.22)	0.155
Ward 3	11.41 ^a	(9.28 - 13.96)	8.78	(6.81 - 11.25)	0.015
Ward 4	9.10 ^a	(7.22 - 11.42)	7.10	(5.38 - 9.31)	0.036
Ward 5	9.90 ^a	(7.96 - 12.25)	7.38	(5.57 - 9.72)	0.009
Ward 6	10.54 ^b	(8.39 - 13.16)	8.51	(6.69 - 10.77)	0.066
Ward 7	8.05 ^a	(6.23 - 10.33)	6.28	(4.72 - 8.30)	0.048
Ward 8	8.10	(6.38 - 10.25)	7.72	(5.82 - 10.18)	0.688
Florida	6.07	(5.51 - 6.68)	5.75	(5.19 - 6.37)	0.313
Broward (Circuit 17)	5.81	(4.70 - 7.17)	5.37	(4.22 - 6.82)	0.439
Central I	6.46 ^a	(5.54 - 7.53)	5.51	(4.64 - 6.53)	0.029
Circuit 9	6.45 ^b	(5.32 - 7.79)	5.55	(4.50 - 6.84)	0.093
Circuit 18	6.49 ^b	(5.27 - 7.96)	5.45	(4.17 - 7.08)	0.087
Central II	6.18	(5.44 - 7.02)	5.89	(5.11 - 6.78)	0.462
Circuit 6	6.10	(4.87 - 7.61)	6.01	(4.69 - 7.66)	0.892
Circuit 10	5.32	(4.22 - 6.68)	4.84	(3.68 - 6.33)	0.366
Circuit 12	6.45	(5.02 - 8.26)	5.83	(4.33 - 7.79)	0.400
Circuit 13 (Hillsborough)	6.90	(5.70 - 8.34)	6.46	(5.20 - 8.01)	0.454
Circuit 20	5.89	(4.65 - 7.43)	5.84	(4.41 - 7.69)	0.935
Northeast	6.30	(5.53 - 7.17)	6.02	(5.17 - 7.00)	0.514
Circuit 4	6.54	(5.32 - 8.00)	6.39	(4.98 - 8.16)	0.814
Circuit 5	5.27	(4.21 - 6.58)	5.29	(4.05 - 6.89)	0.969
Circuit 7	6.63	(5.30 - 8.27)	6.36	(4.89 - 8.23)	0.678
Circuit 8 plus Columbia, Dixie, Hamilton, Lafayette, and Suwannee	7.33 ^b	(6.00 - 8.93)	6.19	(4.65 - 8.20)	0.080
Northwest	7.04	(6.04 - 8.18)	6.68	(5.63 - 7.92)	0.451
Circuit 1	6.99	(5.57 - 8.74)	6.26	(4.84 - 8.06)	0.255
Circuit 2 plus Madison and Taylor	7.48	(6.08 - 9.16)	7.89	(6.16 - 10.04)	0.547
Circuit 14	6.50	(5.13 - 8.19)	5.90	(4.41 - 7.85)	0.343
South (Circuits 11 and 16)	5.01	(4.05 - 6.18)	4.96	(3.94 - 6.22)	0.918
Southeast	5.79	(4.82 - 6.94)	5.88	(4.75 - 7.26)	0.866
Circuit 15 (Palm Beach)	5.82	(4.66 - 7.26)	6.13	(4.73 - 7.92)	0.630
Circuit 19	5.72	(4.53 - 7.21)	5.33	(4.00 - 7.07)	0.530

See notes at end of table.

(continued)

Table 8 Alcohol Use Disorder in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Georgia	5.87 ^b	(5.08 - 6.79)	5.19	(4.51 - 5.96)	0.073
Region 1	5.54	(4.47 - 6.84)	5.19	(4.14 - 6.50)	0.512
Region 2	5.81	(4.64 - 7.26)	5.45	(4.24 - 6.99)	0.480
Region 3	6.47 ^a	(5.19 - 8.04)	5.20	(4.18 - 6.46)	0.024
Region 4	5.32	(4.18 - 6.75)	5.20	(3.85 - 6.99)	0.812
Region 5	5.86	(4.61 - 7.42)	5.31	(4.06 - 6.92)	0.297
Region 6	5.53	(4.37 - 6.98)	4.80	(3.65 - 6.31)	0.173
Hawaii	6.94 ^a	(5.96 - 8.06)	5.33	(4.49 - 6.31)	0.003
Hawaii Island	6.71 ^a	(5.16 - 8.68)	4.81	(3.55 - 6.49)	0.015
Honolulu	7.00 ^a	(5.89 - 8.29)	5.36	(4.40 - 6.53)	0.008
Kauai	6.89	(5.34 - 8.86)	5.58	(4.07 - 7.62)	0.103
Maui	6.89 ^b	(5.40 - 8.77)	5.60	(4.09 - 7.63)	0.098
Idaho	6.67 ^b	(5.81 - 7.65)	5.90	(5.05 - 6.87)	0.075
Region 1	6.05	(4.76 - 7.66)	6.13	(4.60 - 8.12)	0.908
Region 2	8.00 ^a	(6.27 - 10.16)	6.24	(4.66 - 8.31)	0.015
Region 3	5.75	(4.55 - 7.23)	4.93	(3.77 - 6.44)	0.137
Region 4	7.81	(6.37 - 9.53)	7.03	(5.59 - 8.80)	0.276
Region 5	5.63	(4.43 - 7.14)	4.92	(3.66 - 6.58)	0.224
Region 6	7.17	(5.68 - 9.01)	6.16	(4.56 - 8.27)	0.147
Region 7	6.00 ^b	(4.77 - 7.52)	5.01	(3.81 - 6.56)	0.070
Illinois	6.46	(5.91 - 7.07)	5.94	(5.32 - 6.63)	0.105
Region 1 (Cook)	6.88	(6.00 - 7.89)	6.23	(5.41 - 7.16)	0.136
Region 1.1 (Far North Side)	--	(-- --)	6.83	(5.13 - 9.04)	--
Region 1.2 (Northwest Side)	--	(-- --)	6.20	(4.60 - 8.31)	--
Region 1.3 (North Central Side)	--	(-- --)	8.84	(6.60 - 11.73)	--
Region 1.4 (West Side)	--	(-- --)	6.80	(5.07 - 9.05)	--
Region 1.5 (South Side)	--	(-- --)	5.53	(4.09 - 7.44)	--
Region 1.6 (Southwest Side)	--	(-- --)	5.80	(4.31 - 7.76)	--
Region 1.7 (Suburban Cook)	--	(-- --)	5.75	(4.68 - 7.05)	--
Region 2	5.80	(5.02 - 6.70)	5.61	(4.83 - 6.50)	0.621
Region 2a (DuPage)	--	(-- --)	5.55	(4.33 - 7.09)	--
Region 2b	--	(-- --)	5.45	(4.42 - 6.70)	--
Region 2c (Winnebago)	--	(-- --)	6.27	(4.69 - 8.35)	--
Region 2d	--	(-- --)	5.94	(4.56 - 7.70)	--
Region 3	6.85	(5.75 - 8.13)	6.38	(5.28 - 7.69)	0.378
Region 3a (Champaign)	--	(-- --)	8.97	(6.89 - 11.60)	--
Region 3b	--	(-- --)	5.95	(4.75 - 7.42)	--
Region 4	6.36 ^b	(5.21 - 7.75)	5.45	(4.37 - 6.79)	0.089
Region 4a (Sangamon)	--	(-- --)	6.41	(4.73 - 8.63)	--
Region 4b	--	(-- --)	5.18	(3.98 - 6.72)	--
Region 5	6.48 ^b	(5.34 - 7.85)	5.63	(4.58 - 6.89)	0.083
Region 5a	--	(-- --)	5.94	(4.46 - 7.88)	--
Region 5b	--	(-- --)	5.37	(4.15 - 6.93)	--

See notes at end of table.

(continued)

Table 8 Alcohol Use Disorder in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Indiana	6.96 ^a	(6.08 - 7.95)	5.78	(4.98 - 6.71)	0.006
Central	7.35 ^a	(5.96 - 9.02)	5.63	(4.45 - 7.11)	0.008
East	6.52	(5.11 - 8.28)	5.86	(4.44 - 7.70)	0.280
North Central	6.72 ^a	(5.42 - 8.30)	5.31	(4.01 - 7.01)	0.026
Northeast	7.15 ^a	(5.68 - 8.97)	5.90	(4.45 - 7.78)	0.043
Northwest	6.02	(4.74 - 7.62)	5.52	(4.13 - 7.34)	0.407
Southeast	6.39	(5.05 - 8.06)	5.68	(4.25 - 7.56)	0.258
Southwest	6.72 ^b	(5.28 - 8.52)	5.48	(4.10 - 7.30)	0.052
West	8.17	(6.57 - 10.11)	7.13	(5.41 - 9.33)	0.139
Iowa	6.45	(5.54 - 7.49)	6.41	(5.53 - 7.43)	0.940
Central	6.11	(4.86 - 7.64)	6.70	(5.17 - 8.64)	0.363
North Central	6.83	(5.39 - 8.62)	6.09	(4.65 - 7.94)	0.235
Northeast	6.50	(5.24 - 8.03)	7.02	(5.56 - 8.82)	0.431
Northwest	6.45	(5.04 - 8.21)	6.55	(4.96 - 8.60)	0.893
Southeast	6.56	(5.21 - 8.23)	5.70	(4.42 - 7.33)	0.167
Southwest	6.28	(4.92 - 7.97)	6.07	(4.53 - 8.10)	0.776
Kansas	7.06 ^a	(6.10 - 8.15)	5.61	(4.80 - 6.54)	0.001
Northeast	--	(-- --)	5.59	(4.54 - 6.85)	--
Northwest and North Central	--	(-- --)	5.72	(4.19 - 7.77)	--
South Central	--	(-- --)	5.49	(4.38 - 6.87)	--
Southeast	--	(-- --)	5.94	(4.40 - 7.98)	--
Southwest	--	(-- --)	5.72	(4.22 - 7.72)	--
Kentucky¹	5.75	(4.97 - 6.65)	5.34	(4.51 - 6.31)	0.323
Adanta, Cumberland River, and Lifeskills	5.78 ^b	(4.58 - 7.28)	4.76	(3.55 - 6.36)	0.076
Bluegrass, Comprehend, and North Key	5.72	(4.62 - 7.07)	5.57	(4.37 - 7.06)	0.792
Centerstone	6.11	(4.87 - 7.64)	5.79	(4.44 - 7.52)	0.612
Communicare and River Valley	5.54	(4.35 - 7.05)	5.26	(3.87 - 7.10)	0.613
Four Rivers and Pennyroyal	5.60	(4.40 - 7.10)	4.99	(3.67 - 6.74)	0.298
Kentucky River, Mountain, and Pathways	5.42	(4.27 - 6.86)	5.06	(3.73 - 6.83)	0.529
Louisiana	6.36	(5.50 - 7.35)	6.75	(5.76 - 7.90)	0.431
Regions 1 and 10	6.98	(5.73 - 8.48)	7.36	(5.83 - 9.25)	0.552
Region 1	7.42	(5.79 - 9.47)	8.33	(6.26 - 11.01)	0.278
Region 10 (Jefferson)	6.52	(5.11 - 8.29)	6.30	(4.66 - 8.48)	0.762
Regions 2 and 9	6.12	(4.94 - 7.56)	6.80	(5.38 - 8.56)	0.290
Region 3	5.96	(4.61 - 7.66)	5.55	(4.07 - 7.51)	0.528
Regions 4, 5, and 6	6.78	(5.44 - 8.43)	6.99	(5.45 - 8.92)	0.765
Regions 7 and 8	5.71	(4.58 - 7.10)	6.28	(4.76 - 8.24)	0.400

See notes at end of table.

(continued)

Table 8 Alcohol Use Disorder in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Maine	5.96	(5.09 - 6.97)	5.34	(4.52 - 6.30)	0.161
Aroostook/Downeast	5.95 ^a	(4.76 - 7.43)	4.76	(3.66 - 6.18)	0.037
Aroostook	5.85 ^a	(4.47 - 7.63)	4.52	(3.31 - 6.16)	0.040
Downeast	6.03	(4.59 - 7.89)	4.95	(3.54 - 6.89)	0.121
Central	5.57	(4.32 - 7.15)	5.19	(3.82 - 7.03)	0.556
Cumberland	6.64	(5.25 - 8.37)	6.02	(4.66 - 7.75)	0.369
Midcoast	5.46	(4.19 - 7.08)	5.21	(3.88 - 6.96)	0.694
Penquis	6.41 ^a	(5.06 - 8.09)	5.15	(3.86 - 6.83)	0.043
Western	5.87	(4.62 - 7.43)	5.18	(3.93 - 6.81)	0.251
York	5.42	(4.30 - 6.81)	5.38	(4.01 - 7.19)	0.947
Maryland	6.74	(5.81 - 7.80)	6.44	(5.48 - 7.55)	0.533
Anne Arundel	6.83	(5.32 - 8.72)	5.88	(4.37 - 7.85)	0.136
Baltimore City	7.69	(6.09 - 9.67)	8.01	(6.08 - 10.48)	0.708
Baltimore County	7.22	(5.67 - 9.14)	6.62	(4.96 - 8.77)	0.419
Montgomery	6.43	(5.06 - 8.14)	5.63	(4.28 - 7.39)	0.235
North Central	6.37	(4.94 - 8.17)	5.80	(4.30 - 7.77)	0.368
Northeast	6.05	(4.70 - 7.76)	6.00	(4.42 - 8.11)	0.938
Prince George's	6.79	(5.30 - 8.66)	7.54	(5.67 - 9.95)	0.328
South	6.19	(4.82 - 7.92)	6.13	(4.55 - 8.20)	0.924
West	6.80	(5.37 - 8.58)	5.97	(4.47 - 7.93)	0.190
Massachusetts	7.07	(6.14 - 8.12)	7.23	(6.22 - 8.38)	0.766
Boston	9.15	(7.37 - 11.30)	9.32	(7.12 - 12.10)	0.856
Central	7.05	(5.56 - 8.91)	7.12	(5.49 - 9.18)	0.934
Metrowest	7.45	(5.98 - 9.24)	7.07	(5.50 - 9.05)	0.649
Northeast	6.93	(5.56 - 8.61)	6.39	(4.94 - 8.23)	0.435
Southeast	5.98	(4.73 - 7.54)	6.85	(5.26 - 8.89)	0.211
Western	6.21 ^b	(4.91 - 7.82)	7.43	(5.67 - 9.69)	0.100
Michigan	6.52 ^a	(5.94 - 7.15)	5.69	(5.09 - 6.36)	0.017
Region 1	7.77 ^a	(6.24 - 9.62)	5.35	(4.03 - 7.07)	0.000
Region 2	5.93 ^a	(4.72 - 7.42)	4.60	(3.43 - 6.15)	0.029
Region 3	6.85	(5.76 - 8.14)	6.33	(5.11 - 7.82)	0.392
Region 4	6.18	(5.07 - 7.52)	5.38	(4.25 - 6.80)	0.176
Region 5	6.96	(5.96 - 8.11)	6.31	(5.22 - 7.62)	0.235
Region 6	6.24 ^a	(5.12 - 7.57)	4.98	(3.83 - 6.45)	0.028
Region 7	6.36	(5.28 - 7.65)	6.07	(4.89 - 7.51)	0.627
Region 8	6.62 ^a	(5.45 - 8.03)	4.99	(3.90 - 6.36)	0.012
Region 9	6.21	(5.07 - 7.60)	5.34	(4.11 - 6.92)	0.155
Region 10	6.09	(5.04 - 7.35)	5.97	(4.63 - 7.67)	0.846

See notes at end of table.

(continued)

Table 8 Alcohol Use Disorder in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Minnesota	6.60 ^a	(5.72 - 7.61)	5.74	(4.91 - 6.70)	0.034
Regions 1 and 2	6.54	(5.07 - 8.39)	5.98	(4.59 - 7.76)	0.367
Region 1	--	(-- --)	5.50	(3.97 - 7.57)	--
Region 2	--	(-- --)	6.28	(4.57 - 8.57)	--
Regions 3 and 4	6.36 ^b	(5.08 - 7.93)	5.44	(4.31 - 6.86)	0.067
Region 3	--	(-- --)	5.33	(3.85 - 7.34)	--
Region 4	--	(-- --)	5.50	(4.17 - 7.23)	--
Regions 5 and 6	6.57	(5.29 - 8.13)	6.27	(5.05 - 7.77)	0.591
Region 5	--	(-- --)	6.23	(4.74 - 8.16)	--
Region 6	--	(-- --)	6.32	(4.78 - 8.30)	--
Region 7	--	(-- --)	5.61	(4.68 - 6.71)	--
Region 7A (Hennepin)	7.14 ^a	(5.71 - 8.91)	5.77	(4.47 - 7.43)	0.037
Region 7B (Ramsey)	7.35 ^a	(5.74 - 9.37)	5.87	(4.42 - 7.75)	0.029
Region 7C	5.97	(4.83 - 7.37)	5.33	(4.11 - 6.90)	0.264
Mississippi	5.92 ^a	(5.08 - 6.88)	4.97	(4.20 - 5.86)	0.015
Region 1	5.76 ^a	(4.61 - 7.19)	4.69	(3.63 - 6.03)	0.032
Region 2	5.68 ^b	(4.40 - 7.30)	4.68	(3.47 - 6.30)	0.076
Region 3	6.54 ^a	(5.15 - 8.27)	4.87	(3.64 - 6.48)	0.003
Region 4	5.67	(4.43 - 7.22)	5.16	(3.89 - 6.82)	0.389
Region 5	5.65 ^a	(4.34 - 7.33)	4.52	(3.29 - 6.18)	0.038
Region 6	6.06	(4.79 - 7.64)	5.87	(4.42 - 7.76)	0.750
Region 7	6.06 ^b	(4.81 - 7.62)	5.01	(3.77 - 6.64)	0.058
Missouri	6.58	(5.71 - 7.57)	6.03	(5.16 - 7.05)	0.215
Central	6.67	(5.32 - 8.33)	5.82	(4.50 - 7.50)	0.160
Eastern	6.67	(5.55 - 8.00)	6.23	(5.07 - 7.64)	0.410
Eastern (St. Louis City and County)	6.73	(5.39 - 8.38)	6.21	(4.78 - 8.02)	0.427
Eastern (excluding St. Louis)	6.57	(5.20 - 8.28)	6.28	(4.80 - 8.17)	0.652
Northwest	7.06	(5.86 - 8.48)	6.43	(5.17 - 7.97)	0.259
Northwest (Jackson)	7.14	(5.68 - 8.94)	6.44	(4.86 - 8.50)	0.284
Northwest (excluding Jackson)	6.99	(5.55 - 8.78)	6.42	(4.85 - 8.46)	0.408
Southeast	6.07	(4.77 - 7.69)	5.84	(4.40 - 7.72)	0.725
Southwest	5.92	(4.67 - 7.48)	5.30	(3.99 - 7.00)	0.298
Montana	7.83	(6.87 - 8.92)	7.31	(6.32 - 8.43)	0.341
Region 1	7.96 ^a	(6.17 - 10.23)	6.08	(4.43 - 8.29)	0.035
Region 2	8.26	(6.64 - 10.23)	7.28	(5.59 - 9.43)	0.227
Region 3	7.74	(6.31 - 9.47)	7.56	(5.98 - 9.53)	0.818
Region 4	8.10	(6.62 - 9.86)	7.82	(6.32 - 9.64)	0.712
Region 5	7.44	(6.16 - 8.96)	7.01	(5.66 - 8.67)	0.550

See notes at end of table.

(continued)

Table 8 Alcohol Use Disorder in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Nebraska	7.76 ^a	(6.75 - 8.90)	6.45	(5.51 - 7.54)	0.010
Regions 1 and 2	7.05 ^b	(5.68 - 8.72)	5.93	(4.55 - 7.70)	0.072
Region 1	7.13	(5.49 - 9.22)	6.32	(4.52 - 8.76)	0.299
Region 2	6.98 ^a	(5.32 - 9.10)	5.59	(4.03 - 7.70)	0.041
Region 3	7.20	(5.73 - 9.03)	6.31	(4.80 - 8.25)	0.207
Region 4	6.98 ^a	(5.48 - 8.86)	5.52	(4.12 - 7.36)	0.026
Region 5	8.25 ^a	(6.74 - 10.04)	6.47	(5.04 - 8.26)	0.012
Region 6	8.02 ^b	(6.66 - 9.61)	6.86	(5.55 - 8.43)	0.096
Nevada	7.56 ^a	(6.46 - 8.83)	5.97	(5.06 - 7.02)	0.004
Clark – Region 1	7.43 ^a	(6.19 - 8.89)	5.88	(4.86 - 7.09)	0.013
Region 3	7.46 ^b	(6.02 - 9.22)	6.22	(4.78 - 8.04)	0.069
Capital District	7.36 ^b	(5.64 - 9.55)	5.95	(4.22 - 8.33)	0.078
Rural/Frontier	7.55	(5.81 - 9.76)	6.46	(4.70 - 8.80)	0.184
Washoe – Region 2	8.24 ^a	(6.63 - 10.20)	6.19	(4.73 - 8.06)	0.006
New Hampshire	7.70 ^b	(6.71 - 8.83)	6.77	(5.78 - 7.90)	0.078
Central	7.53	(6.32 - 8.94)	6.57	(5.34 - 8.06)	0.107
Central 1	7.75 ^b	(6.23 - 9.61)	6.45	(4.93 - 8.40)	0.070
Central 2	7.31	(5.88 - 9.05)	6.69	(5.15 - 8.63)	0.394
Northern	8.48 ^a	(6.76 - 10.58)	6.72	(5.06 - 8.88)	0.026
Southern	7.61	(6.48 - 8.93)	6.87	(5.69 - 8.27)	0.216
Southern 1 (Rockingham)	6.62	(5.35 - 8.17)	6.31	(4.86 - 8.17)	0.647
Southern 2	8.23	(6.81 - 9.92)	7.22	(5.78 - 8.98)	0.159
New Jersey	6.50 ^a	(5.62 - 7.51)	5.33	(4.62 - 6.15)	0.008
Central	5.90	(4.70 - 7.38)	5.60	(4.47 - 7.00)	0.592
Metropolitan	6.33 ^b	(5.09 - 7.84)	5.30	(4.15 - 6.76)	0.096
Northern	6.90 ^a	(5.57 - 8.52)	4.83	(3.88 - 5.99)	0.001
Southern	6.76	(5.41 - 8.43)	5.85	(4.68 - 7.29)	0.156
New Mexico	7.15	(6.17 - 8.27)	7.03	(5.98 - 8.24)	0.825
Region 1	6.59	(5.26 - 8.23)	7.47	(5.74 - 9.67)	0.255
Region 2	7.02	(5.43 - 9.02)	6.31	(4.69 - 8.44)	0.351
Region 3 (Bernalillo)	7.97	(6.50 - 9.75)	7.26	(5.78 - 9.09)	0.377
Region 4	6.24	(4.97 - 7.81)	6.82	(5.14 - 8.99)	0.403
Region 5	7.05	(5.62 - 8.80)	6.84	(5.45 - 8.54)	0.753
Region 5a	--	(-- --)	7.03	(5.26 - 9.35)	--
Region 5b (Dona Ana)	--	(-- --)	6.66	(4.99 - 8.83)	--

See notes at end of table.

(continued)

Table 8 Alcohol Use Disorder in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
New York¹	6.63	(6.04 - 7.27)	6.30	(5.72 - 6.94)	0.314
Region 1: Long Island	5.60	(4.64 - 6.74)	5.30	(4.28 - 6.54)	0.540
Region 2: New York City	7.12	(6.33 - 8.01)	6.97	(6.14 - 7.90)	0.727
Region 2A: Bronx	6.25	(5.08 - 7.66)	6.63	(5.25 - 8.35)	0.528
Region 2B: Kings	--	(-- --)	6.86	(5.55 - 8.46)	--
Region 2C: New York	9.23	(7.61 - 11.16)	9.90	(7.97 - 12.24)	0.461
Region 2D: Queens	6.28	(5.09 - 7.72)	5.39	(4.22 - 6.85)	0.123
Region 2E: Richmond	--	(-- --)	5.60	(4.20 - 7.43)	--
Region 3: Mid-Hudson	--	(-- --)	5.39	(4.27 - 6.78)	--
Region 4: Capital Region	--	(-- --)	6.52	(5.08 - 8.33)	--
Region 5: Mohawk Valley	--	(-- --)	5.75	(4.26 - 7.71)	--
Region 6: North Country	--	(-- --)	6.44	(4.86 - 8.49)	--
Region 7: Tug Hill Seaway	--	(-- --)	5.47	(4.12 - 7.24)	--
Region 8: Central	--	(-- --)	6.16	(4.85 - 7.81)	--
Region 9: Southern Tier	--	(-- --)	6.89	(5.32 - 8.87)	--
Region 10: Finger Lakes	--	(-- --)	6.59	(5.26 - 8.24)	--
Region 11: Western	--	(-- --)	5.57	(4.50 - 6.87)	--
North Carolina	5.82 ^a	(5.02 - 6.74)	4.98	(4.31 - 5.76)	0.033
Alliance Behavioral Healthcare 1	5.78	(4.56 - 7.30)	5.35	(4.07 - 7.01)	0.463
Alliance Behavioral Healthcare 2	6.36 ^a	(4.97 - 8.11)	5.02	(3.81 - 6.61)	0.026
Cardinal Innovations Healthcare Solutions 1	5.38 ^a	(4.17 - 6.91)	4.10	(3.02 - 5.53)	0.015
Cardinal Innovations Healthcare Solutions 2	5.84	(4.54 - 7.48)	4.93	(3.67 - 6.59)	0.102
Cardinal Innovations Healthcare Solutions 3	6.64	(5.18 - 8.49)	6.20	(4.75 - 8.05)	0.515
CenterPoint Human Services	5.27	(4.08 - 6.77)	4.80	(3.55 - 6.47)	0.391
Eastpointe	5.05	(3.91 - 6.51)	4.30	(3.21 - 5.75)	0.133
Partners Behavioral Health Management	5.62	(4.38 - 7.19)	4.76	(3.53 - 6.39)	0.137
Sandhills Center 1	5.30	(4.09 - 6.84)	4.49	(3.29 - 6.10)	0.128
Sandhills Center 2	6.12	(4.73 - 7.88)	5.19	(3.87 - 6.93)	0.115
Smoky Mountain Center 1	6.06 ^a	(4.71 - 7.76)	4.67	(3.47 - 6.27)	0.016
Smoky Mountain Center 2	5.66	(4.37 - 7.32)	5.08	(3.76 - 6.84)	0.337
Trillium Health Resources 1	5.91 ^b	(4.57 - 7.61)	5.02	(3.77 - 6.66)	0.096
Trillium Health Resources 2	6.15	(4.77 - 7.88)	5.49	(4.09 - 7.32)	0.249

See notes at end of table.

(continued)

Table 8 Alcohol Use Disorder in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
North Dakota	7.73 ^b	(6.80 - 8.78)	6.76	(5.87 - 7.77)	0.055
Badlands and West Central	7.14	(5.88 - 8.65)	6.92	(5.64 - 8.48)	0.734
Badlands	--	(-- --)	7.51	(5.53 - 10.11)	--
West Central	--	(-- --)	6.75	(5.34 - 8.52)	--
Lake Region	7.12	(5.60 - 9.01)	6.06	(4.47 - 8.15)	0.157
North Central	7.82	(6.27 - 9.72)	6.79	(5.14 - 8.91)	0.179
Northeast	8.78	(7.18 - 10.70)	7.81	(6.14 - 9.90)	0.207
Northwest	7.42 ^a	(5.83 - 9.40)	5.84	(4.25 - 7.97)	0.036
South Central	6.47	(5.08 - 8.22)	6.42	(4.76 - 8.60)	0.938
Southeast	8.33 ^a	(6.95 - 9.95)	6.53	(5.24 - 8.10)	0.014
Ohio	6.58	(6.00 - 7.21)	6.30	(5.70 - 6.96)	0.398
Boards 2, 46, 55, and 68	6.37	(5.11 - 7.92)	6.24	(4.70 - 8.22)	0.827
Boards 3, 52, and 85	5.62	(4.42 - 7.12)	5.27	(3.99 - 6.93)	0.500
Boards 4 and 78	6.18 ^b	(4.90 - 7.77)	5.19	(3.93 - 6.84)	0.093
Boards 5 and 60	6.95	(5.60 - 8.59)	6.69	(5.16 - 8.64)	0.683
Boards 7, 15, 41, 79, and 84	6.04	(4.82 - 7.54)	5.54	(4.18 - 7.32)	0.417
Boards 8, 13, and 83	5.77	(4.66 - 7.12)	5.35	(4.00 - 7.13)	0.459
Board 9 (Butler)	6.17	(4.97 - 7.63)	6.53	(4.98 - 8.53)	0.535
Board 12	6.77	(5.43 - 8.40)	6.30	(4.78 - 8.26)	0.441
Boards 18 and 47	7.00	(5.84 - 8.38)	7.37	(5.95 - 9.09)	0.576
Boards 20, 32, 54, and 69	6.05	(4.86 - 7.52)	5.70	(4.36 - 7.43)	0.520
Boards 21, 39, 51, 70, and 80	6.08	(4.97 - 7.43)	5.40	(4.13 - 7.05)	0.237
Boards 22, 74, and 87	6.09	(4.85 - 7.62)	5.93	(4.55 - 7.68)	0.768
Boards 23 and 45	6.01	(4.81 - 7.47)	6.11	(4.69 - 7.93)	0.869
Board 25 (Franklin)	7.64 ^a	(6.32 - 9.20)	6.19	(4.98 - 7.66)	0.017
Boards 27, 71, and 73	6.04	(4.82 - 7.55)	5.91	(4.51 - 7.73)	0.832
Boards 28, 43, and 67	6.75	(5.43 - 8.35)	6.25	(4.79 - 8.12)	0.408
Board 31 (Hamilton)	6.76	(5.52 - 8.26)	7.47	(5.88 - 9.45)	0.283
Board 48 (Lucas)	7.16	(5.76 - 8.87)	6.51	(4.91 - 8.58)	0.324
Boards 50 and 76	6.38	(5.15 - 7.86)	5.95	(4.60 - 7.66)	0.524
Board 57 (Montgomery)	6.44	(5.20 - 7.97)	6.52	(4.97 - 8.51)	0.908
Board 77 (Summit)	6.87	(5.54 - 8.50)	6.40	(4.97 - 8.20)	0.441
Oklahoma	7.25 ^a	(6.26 - 8.38)	5.86	(4.97 - 6.88)	0.004
Central	7.67	(6.10 - 9.60)	6.66	(5.06 - 8.72)	0.146
East Central	6.49 ^a	(5.05 - 8.30)	4.65	(3.39 - 6.36)	0.007
Northeast	7.13 ^a	(5.65 - 8.97)	5.50	(4.12 - 7.30)	0.018
Northwest and Southwest	7.61 ^a	(5.96 - 9.69)	5.77	(4.38 - 7.56)	0.008
Oklahoma County	7.12	(5.65 - 8.93)	6.31	(4.81 - 8.23)	0.256
Southeast	7.00 ^a	(5.48 - 8.90)	5.32	(3.98 - 7.09)	0.016
Tulsa County	7.62 ^b	(6.05 - 9.55)	6.34	(4.76 - 8.39)	0.096

See notes at end of table.

(continued)

Table 8 Alcohol Use Disorder in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Oregon	7.07	(6.16 - 8.10)	7.11	(6.13 - 8.24)	0.931
Region 1 (Multnomah)	7.83	(6.31 - 9.68)	7.61	(5.93 - 9.71)	0.777
Region 2	6.55	(5.30 - 8.08)	6.63	(5.28 - 8.29)	0.907
Region 3	7.25	(5.94 - 8.83)	7.34	(5.89 - 9.12)	0.894
Region 4	6.60	(5.19 - 8.38)	7.06	(5.33 - 9.30)	0.574
Region 5 (Central)	6.99	(5.41 - 8.99)	6.99	(5.00 - 9.69)	0.997
Region 6 (Eastern)	6.83	(5.30 - 8.76)	6.45	(4.75 - 8.70)	0.592
Pennsylvania	6.49 ^b	(5.92 - 7.11)	5.86	(5.25 - 6.54)	0.053
Region 1 (Allegheny)	7.53 ^a	(6.22 - 9.08)	6.19	(4.85 - 7.87)	0.040
Regions 3, 8, 9, and 51	6.97	(5.64 - 8.58)	6.24	(4.83 - 8.03)	0.264
Regions 4, 11, 37, and 49	5.72	(4.65 - 7.00)	4.99	(3.84 - 6.47)	0.167
Regions 5, 18, 23, 24, and 46	5.05	(4.01 - 6.34)	4.81	(3.70 - 6.23)	0.650
Regions 6, 12, 16, 31, 35, 45, and 47	6.70	(5.56 - 8.07)	6.53	(5.16 - 8.25)	0.753
Regions 7, 13, 20, and 33	6.65	(5.64 - 7.81)	5.87	(4.79 - 7.18)	0.170
Regions 10, 15, 27, 32, 43, and 44	5.67	(4.52 - 7.10)	4.88	(3.68 - 6.45)	0.155
Regions 17 and 21	6.71	(5.41 - 8.31)	5.99	(4.55 - 7.84)	0.242
Regions 19, 26, 28, and 42	5.69	(4.74 - 6.82)	5.28	(4.18 - 6.65)	0.412
Regions 22, 38, 40, 41, and 48	5.36	(4.30 - 6.66)	5.83	(4.48 - 7.55)	0.383
Regions 29 and 34	5.93	(4.77 - 7.34)	5.45	(4.10 - 7.22)	0.408
Regions 30 and 50	6.63	(5.39 - 8.13)	5.96	(4.57 - 7.73)	0.302
Region 36 (Philadelphia)	8.01	(6.63 - 9.65)	7.15	(5.72 - 8.90)	0.220
Rhode Island	8.09 ^b	(7.04 - 9.28)	7.02	(5.96 - 8.24)	0.066
Region 1: Southern Providence County	--	(-- --)	6.26	(4.73 - 8.23)	--
Region 2: Northern Providence County/Blackstone Valley	--	(-- --)	6.02	(4.55 - 7.92)	--
Region 3: Providence	--	(-- --)	7.82	(5.98 - 10.18)	--
Region 4: Kent County	--	(-- --)	6.95	(5.30 - 9.07)	--
Region 5: East Bay	--	(-- --)	8.20	(6.18 - 10.82)	--
Region 6: Newport County	--	(-- --)	7.62	(5.60 - 10.30)	--
Region 7: South County	--	(-- --)	7.52	(5.67 - 9.91)	--
South Carolina	6.05	(5.17 - 7.06)	5.98	(5.12 - 6.98)	0.884
Region 1	6.23	(4.98 - 7.76)	5.64	(4.44 - 7.14)	0.333
Region 2	5.77	(4.61 - 7.19)	5.75	(4.54 - 7.26)	0.976
Region 3	5.69	(4.46 - 7.24)	5.00	(3.77 - 6.61)	0.260
Region 4	6.32	(5.07 - 7.86)	7.22	(5.70 - 9.11)	0.185
South Dakota	7.79	(6.83 - 8.87)	7.48	(6.46 - 8.63)	0.562
Region 1	8.07	(6.61 - 9.82)	7.77	(6.14 - 9.77)	0.693
Region 2	8.57	(6.62 - 11.03)	7.81	(5.79 - 10.46)	0.439
Region 3	7.73	(6.27 - 9.49)	7.22	(5.69 - 9.13)	0.513
Region 4	7.67	(6.16 - 9.53)	6.97	(5.35 - 9.04)	0.369
Region 5	7.40	(6.10 - 8.95)	7.58	(6.07 - 9.43)	0.802

See notes at end of table.

(continued)

Table 8 Alcohol Use Disorder in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Tennessee	5.47	(4.70 - 6.35)	5.13	(4.32 - 6.08)	0.392
Region 1	5.22	(3.98 - 6.82)	4.63	(3.39 - 6.29)	0.303
Region 2	5.32	(4.21 - 6.71)	4.85	(3.68 - 6.37)	0.370
Region 3	5.23	(4.12 - 6.61)	4.71	(3.53 - 6.24)	0.334
Region 4 (Davidson)	6.70	(5.25 - 8.51)	6.39	(4.75 - 8.54)	0.670
Region 5	5.60	(4.48 - 6.98)	5.15	(3.94 - 6.71)	0.410
Region 6	4.87	(3.75 - 6.28)	5.22	(3.85 - 7.02)	0.514
Region 7 (Shelby)	5.39	(4.21 - 6.88)	5.25	(3.93 - 6.97)	0.795
Texas	6.52 ^a	(5.98 - 7.10)	5.53	(5.04 - 6.06)	0.000
Region 1	7.01	(5.79 - 8.47)	6.46	(4.97 - 8.35)	0.370
Region 2	6.34	(5.06 - 7.92)	6.10	(4.66 - 7.94)	0.667
Region 3	6.54 ^a	(5.76 - 7.41)	5.15	(4.43 - 5.97)	0.000
Region 3a	6.44 ^a	(5.50 - 7.54)	5.22	(4.33 - 6.28)	0.010
Region 3bc	6.70 ^a	(5.63 - 7.96)	5.02	(4.04 - 6.22)	0.001
Region 4	5.88 ^b	(4.75 - 7.27)	4.99	(3.87 - 6.42)	0.080
Region 5	6.34	(5.06 - 7.91)	5.64	(4.33 - 7.31)	0.218
Region 6	6.67 ^a	(5.77 - 7.69)	5.20	(4.41 - 6.12)	0.000
Region 6a	6.69 ^a	(5.74 - 7.80)	5.21	(4.37 - 6.21)	0.001
Region 6bc	6.44 ^a	(5.12 - 8.07)	5.05	(3.81 - 6.67)	0.011
Region 7	7.66 ^a	(6.64 - 8.81)	6.46	(5.44 - 7.65)	0.012
Region 7a	8.19	(6.85 - 9.78)	7.22	(5.81 - 8.94)	0.137
Region 7bcd	6.74 ^a	(5.53 - 8.20)	5.11	(3.98 - 6.53)	0.003
Region 8	5.96	(4.90 - 7.22)	5.95	(4.87 - 7.26)	0.989
Region 9	6.54	(5.23 - 8.13)	6.72	(5.04 - 8.91)	0.764
Region 10	6.34	(5.17 - 7.75)	5.90	(4.46 - 7.77)	0.460
Region 11	5.40	(4.57 - 6.36)	5.10	(4.15 - 6.26)	0.490
Region 11abd	5.41	(4.37 - 6.69)	5.02	(3.88 - 6.47)	0.417
Region 11c (Hidalgo)	5.36	(4.30 - 6.68)	5.25	(3.96 - 6.92)	0.826
Utah	5.42 ^a	(4.63 - 6.32)	4.39	(3.68 - 5.23)	0.004
Bear River, Northeastern, Summit, Tooele, and Wasatch	5.48 ^a	(4.26 - 7.03)	4.30	(3.16 - 5.81)	0.016
Central, Four Corners, San Juan, and Southwest	5.25 ^a	(4.07 - 6.74)	4.28	(3.28 - 5.58)	0.024
Central, Four Corners, and San Juan	--	(-- --)	4.01	(2.85 - 5.62)	--
Southwest	--	(-- --)	4.45	(3.24 - 6.09)	--
Davis County	5.00 ^a	(3.93 - 6.35)	4.06	(2.97 - 5.54)	0.049
Salt Lake County	5.59 ^a	(4.52 - 6.90)	4.51	(3.59 - 5.66)	0.028
Utah County	5.38 ^b	(4.31 - 6.71)	4.48	(3.38 - 5.92)	0.060
Weber, Morgan	5.38 ^a	(4.17 - 6.90)	4.33	(3.14 - 5.95)	0.033
Vermont	6.95	(6.03 - 8.00)	7.01	(6.00 - 8.19)	0.902
Champlain Valley	6.95	(5.78 - 8.35)	7.23	(5.89 - 8.86)	0.669
Rural Northeast	7.50	(6.01 - 9.32)	7.41	(5.69 - 9.60)	0.907
Rural Southeast	6.83	(5.45 - 8.54)	6.52	(5.00 - 8.46)	0.658
Rural Southwest	6.28	(4.93 - 7.96)	6.51	(4.88 - 8.62)	0.739

See notes at end of table.

(continued)

Table 8 Alcohol Use Disorder in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Virginia	6.95 ^a	(6.05 - 7.97)	5.72	(5.00 - 6.52)	0.005
Region 1	6.85 ^a	(5.58 - 8.38)	5.56	(4.36 - 7.06)	0.036
Region 2	6.76 ^a	(5.43 - 8.39)	5.32	(4.26 - 6.63)	0.024
Region 3	7.17 ^a	(5.79 - 8.86)	5.50	(4.38 - 6.88)	0.010
Region 4	7.02 ^b	(5.66 - 8.68)	5.78	(4.55 - 7.32)	0.054
Region 5	7.02	(5.72 - 8.60)	6.43	(5.18 - 7.97)	0.359
Washington¹	7.01 ^a	(6.13 - 8.02)	5.52	(4.68 - 6.50)	0.002
Region 1	6.82 ^b	(5.67 - 8.17)	5.76	(4.58 - 7.23)	0.051
Greater Columbia and North Central	6.66 ^b	(5.33 - 8.30)	5.64	(4.30 - 7.37)	0.089
Spokane	7.04	(5.55 - 8.88)	5.93	(4.35 - 8.06)	0.128
Region 2	7.21 ^a	(6.11 - 8.49)	5.37	(4.37 - 6.57)	0.001
King	7.22 ^a	(5.92 - 8.79)	5.62	(4.42 - 7.14)	0.018
North Sound	7.19 ^a	(5.79 - 8.89)	4.91	(3.67 - 6.53)	0.001
Region 3	6.87 ^a	(5.84 - 8.06)	5.58	(4.56 - 6.81)	0.015
Pierce	7.23 ^b	(5.77 - 9.01)	5.98	(4.58 - 7.78)	0.084
Salish	6.98 ^a	(5.42 - 8.93)	5.29	(3.81 - 7.31)	0.011
SW WA and Great Rivers	6.47 ^b	(5.13 - 8.14)	5.23	(3.87 - 7.02)	0.060
Thurston-Mason	6.72	(5.23 - 8.59)	5.69	(4.07 - 7.91)	0.153
West Virginia	6.21 ^a	(5.35 - 7.19)	5.02	(4.20 - 5.99)	0.007
Region I	6.64 ^a	(5.12 - 8.58)	5.15	(3.70 - 7.13)	0.026
Region II	6.75 ^a	(5.25 - 8.64)	4.72	(3.48 - 6.36)	0.001
Region III	5.94 ^a	(4.63 - 7.60)	4.58	(3.32 - 6.29)	0.021
Region IV	6.83 ^a	(5.56 - 8.37)	5.72	(4.46 - 7.31)	0.050
Region V	5.89	(4.69 - 7.38)	5.11	(3.91 - 6.66)	0.209
Region VI	5.48 ^b	(4.30 - 6.97)	4.44	(3.32 - 5.91)	0.067
Wisconsin	7.73	(6.70 - 8.91)	7.38	(6.34 - 8.56)	0.507
Milwaukee	8.50	(6.84 - 10.52)	7.81	(6.02 - 10.07)	0.405
Northeastern	7.41	(5.92 - 9.23)	6.26	(4.86 - 8.03)	0.126
Northern	7.51	(5.84 - 9.61)	6.46	(4.78 - 8.68)	0.199
Southeastern	7.14	(5.70 - 8.91)	7.94	(6.20 - 10.13)	0.312
Southern	7.91	(6.37 - 9.79)	7.79	(6.16 - 9.81)	0.872
Western	8.11	(6.51 - 10.07)	7.77	(6.00 - 10.01)	0.673

See notes at end of table.

(continued)

Table 8 Alcohol Use Disorder in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Wyoming	7.63 ^b	(6.69 - 8.70)	6.73	(5.76 - 7.85)	0.076
Judicial District 1 (Laramie)	7.60	(6.15 - 9.36)	6.57	(5.11 - 8.42)	0.135
Judicial District 2	10.33 ^a	(8.44 - 12.58)	7.82	(5.97 - 10.19)	0.004
Judicial District 3	6.85	(5.47 - 8.56)	6.74	(5.15 - 8.78)	0.871
Judicial District 4	7.33 ^a	(5.71 - 9.37)	5.76	(4.19 - 7.86)	0.040
Judicial District 5	6.51	(5.07 - 8.32)	5.68	(4.23 - 7.57)	0.226
Judicial District 6	7.12	(5.68 - 8.90)	6.87	(5.18 - 9.05)	0.739
Judicial District 7 (Natrona)	7.63	(6.06 - 9.57)	6.99	(5.35 - 9.09)	0.408
Judicial District 8	7.29 ^a	(5.73 - 9.22)	5.73	(4.22 - 7.75)	0.037
Judicial District 9	8.11	(6.44 - 10.17)	7.56	(5.65 - 10.05)	0.522

SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2012-2014 and 2014-2016); hence, the 2012-2014 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

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 significance levels for the null hypothesis of no change between the 2012-2014 and 2014-2016 population percentages. The "Total U.S." estimates, along with the 95 percent confidence intervals and the *p* values, are based on design-based (direct) estimation methods.

NOTE: Alcohol Use Disorder is defined as meeting criteria for alcohol dependence or abuse. 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 2012-2014 and 2014-2016 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2012-2014 and 2014-2016 population percentages 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 (2012-2014 vs. 2014-2016). For details, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012-2016.

Table 9 *Serious Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Total United States	4.13	(3.97 - 4.29)	4.12	(3.98 - 4.26)	0.917
Northeast	3.86	(3.55 - 4.20)	4.04	(3.75 - 4.35)	0.300
Midwest	4.32	(4.03 - 4.62)	4.38	(4.12 - 4.64)	0.685
South	4.16	(3.90 - 4.45)	4.03	(3.80 - 4.27)	0.345
West	4.09	(3.76 - 4.45)	4.08	(3.81 - 4.37)	0.934
Alabama	4.21	(3.41 - 5.18)	4.50	(3.73 - 5.42)	0.483
Region 1	4.28	(3.16 - 5.78)	4.71	(3.60 - 6.14)	0.520
Region 2	4.26	(3.20 - 5.66)	4.81	(3.67 - 6.30)	0.388
Region 3	3.95	(2.93 - 5.30)	4.11	(3.10 - 5.42)	0.787
Region 4	4.24	(3.11 - 5.76)	4.09	(3.05 - 5.46)	0.807
Alaska	4.18	(3.44 - 5.09)	4.25	(3.60 - 5.01)	0.877
Anchorage	4.35	(3.36 - 5.62)	4.20	(3.32 - 5.28)	0.795
Northern	4.14	(3.15 - 5.41)	4.50	(3.51 - 5.76)	0.554
South Central	4.02	(3.04 - 5.29)	4.04	(3.08 - 5.29)	0.971
Southeast	4.04	(2.97 - 5.47)	4.44	(3.34 - 5.90)	0.546
Arizona¹	4.25	(3.46 - 5.21)	4.16	(3.47 - 4.98)	0.816
Central	4.08	(3.20 - 5.19)	4.08	(3.28 - 5.06)	0.991
North	--	(-- --)	4.17	(3.07 - 5.63)	--
South	--	(-- --)	4.33	(3.42 - 5.47)	--
South A	4.31	(3.20 - 5.79)	4.32	(3.25 - 5.73)	0.984
South B	--	(-- --)	4.34	(3.21 - 5.85)	--
Arkansas	5.20	(4.28 - 6.30)	5.21	(4.40 - 6.16)	0.973
Catchment Area 1	4.98	(3.73 - 6.62)	5.02	(3.79 - 6.62)	0.958
Catchment Area 2	6.16	(4.52 - 8.34)	5.60	(4.21 - 7.41)	0.553
Catchment Area 3	5.12	(3.82 - 6.83)	5.08	(3.82 - 6.71)	0.952
Catchment Area 4	5.24	(3.86 - 7.08)	5.93	(4.44 - 7.86)	0.460
Catchment Area 5	5.16	(3.81 - 6.95)	5.82	(4.44 - 7.61)	0.431
Catchment Area 6	5.06	(3.65 - 6.98)	4.73	(3.48 - 6.38)	0.678
Catchment Area 7	5.44	(3.92 - 7.51)	5.19	(3.81 - 7.03)	0.782
Catchment Area 8	4.78	(3.54 - 6.42)	4.62	(3.53 - 6.03)	0.824

See notes at end of table.

(continued)

Table 9 *Serious Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
California	3.79	(3.31 - 4.32)	3.62	(3.25 - 4.04)	0.512
Region 1R	4.65	(3.53 - 6.09)	4.45	(3.40 - 5.81)	0.786
Region 2R	4.11	(3.15 - 5.36)	3.86	(2.97 - 5.01)	0.662
Region 3R (Sacramento)	4.08	(3.14 - 5.29)	3.58	(2.77 - 4.62)	0.363
Region 4R	3.52	(2.69 - 4.58)	3.30	(2.53 - 4.30)	0.676
Region 5R (San Francisco)	3.90	(2.98 - 5.10)	4.06	(3.08 - 5.31)	0.803
Region 6 (Santa Clara)	3.15	(2.38 - 4.15)	3.29	(2.54 - 4.25)	0.768
Region 7R (Contra Costa)	3.54	(2.68 - 4.68)	3.40	(2.61 - 4.42)	0.785
Region 8R (Alameda)	3.45	(2.66 - 4.46)	3.95	(3.02 - 5.16)	0.351
Region 9R (San Mateo)	3.12	(2.36 - 4.12)	3.08	(2.32 - 4.07)	0.924
Region 10	3.56	(2.73 - 4.63)	3.93	(3.01 - 5.11)	0.525
Region 11 (Los Angeles)	3.80	(3.23 - 4.46)	3.56	(3.08 - 4.11)	0.461
LA SPA 1 and 5	3.63	(2.81 - 4.68)	3.85	(2.94 - 5.03)	0.692
LA SPA 2	3.69	(2.85 - 4.77)	3.53	(2.70 - 4.59)	0.758
LA SPA 3	3.55	(2.68 - 4.69)	3.06	(2.32 - 4.04)	0.345
LA SPA 4	4.40	(3.34 - 5.78)	4.33	(3.29 - 5.68)	0.917
LA SPA 6	4.02	(3.03 - 5.31)	3.72	(2.85 - 4.84)	0.616
LA SPA 7	3.82	(2.88 - 5.06)	3.13	(2.36 - 4.14)	0.220
LA SPA 8	3.75	(2.86 - 4.90)	3.63	(2.78 - 4.73)	0.835
Region 12R	3.94	(3.01 - 5.16)	3.79	(2.90 - 4.95)	0.793
Regions 13 and 19R	3.69	(2.85 - 4.75)	3.57	(2.80 - 4.55)	0.834
Region 14 (Orange)	3.32	(2.59 - 4.26)	3.43	(2.71 - 4.32)	0.813
Region 15R (Fresno)	4.27	(3.28 - 5.54)	3.75	(2.89 - 4.85)	0.376
Region 16R (San Diego)	4.11	(3.22 - 5.23)	3.70	(2.91 - 4.70)	0.450
Region 17R	4.26	(3.28 - 5.51)	3.84	(3.03 - 4.86)	0.447
Region 18R (San Bernardino)	3.98	(3.07 - 5.14)	3.50	(2.74 - 4.47)	0.367
Region 20R	4.08	(3.10 - 5.36)	3.87	(2.96 - 5.05)	0.732
Region 21R	3.83	(2.96 - 4.96)	3.65	(2.81 - 4.73)	0.733
Colorado	3.90	(3.14 - 4.83)	4.44	(3.74 - 5.27)	0.183
Region 1	--	(-- --)	4.52	(3.42 - 5.94)	--
Region 2	--	(-- --)	5.02	(3.71 - 6.75)	--
Region 3	--	(-- --)	4.13	(3.18 - 5.35)	--
Region 4	--	(-- --)	4.60	(3.35 - 6.29)	--
Region 5	--	(-- --)	4.69	(3.52 - 6.21)	--
Region 6	--	(-- --)	4.41	(3.39 - 5.72)	--
Region 7	--	(-- --)	4.34	(3.25 - 5.77)	--
Connecticut	3.43	(2.81 - 4.18)	3.60	(2.97 - 4.36)	0.593
Eastern	4.02	(2.98 - 5.39)	4.20	(3.18 - 5.52)	0.761
North Central	3.42	(2.56 - 4.55)	3.62	(2.71 - 4.81)	0.707
Northwestern	3.46	(2.59 - 4.61)	3.67	(2.77 - 4.86)	0.687
South Central	3.40	(2.58 - 4.48)	3.59	(2.69 - 4.78)	0.705
Southwest	3.07	(2.27 - 4.13)	3.14	(2.31 - 4.25)	0.877

See notes at end of table.

(continued)

Table 9 *Serious Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Delaware	3.99	(3.25 - 4.90)	4.08	(3.38 - 4.93)	0.823
Kent	3.87	(2.91 - 5.14)	3.89	(2.91 - 5.17)	0.981
New Castle (excluding Wilmington City)	3.99	(3.09 - 5.14)	4.30	(3.39 - 5.44)	0.572
Sussex	4.07	(3.01 - 5.47)	3.82	(2.83 - 5.13)	0.695
Wilmington City	4.09	(3.01 - 5.54)	3.90	(2.80 - 5.42)	0.781
District of Columbia	3.78	(3.16 - 4.52)	3.96	(3.33 - 4.69)	0.601
Ward 1	3.95	(3.05 - 5.11)	4.12	(3.09 - 5.46)	0.781
Ward 2	4.15	(3.23 - 5.33)	5.01	(3.81 - 6.56)	0.181
Ward 3	3.93	(3.03 - 5.08)	4.33	(3.29 - 5.67)	0.519
Ward 4	3.29	(2.44 - 4.43)	3.37	(2.48 - 4.56)	0.889
Ward 5	3.33	(2.48 - 4.47)	3.48	(2.60 - 4.64)	0.794
Ward 6	4.18	(3.21 - 5.44)	4.31	(3.30 - 5.61)	0.840
Ward 7	3.40	(2.43 - 4.74)	3.05	(2.20 - 4.22)	0.529
Ward 8	3.85	(2.83 - 5.22)	3.72	(2.71 - 5.10)	0.847
Florida	3.86	(3.37 - 4.40)	3.57	(3.13 - 4.07)	0.248
Broward (Circuit 17)	3.43	(2.60 - 4.52)	3.09	(2.34 - 4.07)	0.496
Central I	3.95	(3.24 - 4.81)	3.54	(2.89 - 4.32)	0.306
Circuit 9	3.99	(3.11 - 5.10)	3.51	(2.71 - 4.54)	0.367
Circuit 18	3.91	(2.98 - 5.11)	3.58	(2.74 - 4.66)	0.556
Central II	3.96	(3.35 - 4.68)	3.67	(3.12 - 4.31)	0.372
Circuit 6	4.10	(3.10 - 5.41)	3.93	(3.03 - 5.08)	0.778
Circuit 10	4.18	(3.15 - 5.53)	3.73	(2.81 - 4.94)	0.478
Circuit 12	3.96	(2.94 - 5.30)	3.23	(2.42 - 4.29)	0.193
Circuit 13 (Hillsborough)	3.94	(3.01 - 5.15)	4.12	(3.18 - 5.33)	0.754
Circuit 20	3.70	(2.77 - 4.93)	3.16	(2.37 - 4.18)	0.297
Northeast	4.06	(3.40 - 4.83)	3.89	(3.27 - 4.63)	0.643
Circuit 4	3.75	(2.92 - 4.81)	4.12	(3.15 - 5.38)	0.507
Circuit 5	4.21	(3.13 - 5.65)	3.38	(2.51 - 4.55)	0.179
Circuit 7	4.08	(3.04 - 5.44)	3.79	(2.87 - 4.99)	0.633
Circuit 8 plus Columbia, Dixie, Hamilton, Lafayette, and Suwannee	4.32	(3.30 - 5.63)	4.61	(3.48 - 6.09)	0.666
Northwest	4.38	(3.57 - 5.36)	4.25	(3.51 - 5.13)	0.761
Circuit 1	4.73	(3.51 - 6.35)	4.18	(3.19 - 5.46)	0.418
Circuit 2 plus Madison and Taylor	3.83	(2.96 - 4.93)	4.11	(3.18 - 5.29)	0.615
Circuit 14	4.39	(3.26 - 5.89)	4.61	(3.42 - 6.18)	0.770
South (Circuits 11 and 16)	3.39	(2.58 - 4.44)	3.14	(2.43 - 4.04)	0.609
Southeast	3.71	(2.94 - 4.67)	3.27	(2.61 - 4.08)	0.306
Circuit 15 (Palm Beach)	3.45	(2.57 - 4.61)	3.11	(2.37 - 4.07)	0.509
Circuit 19	4.28	(3.17 - 5.77)	3.62	(2.68 - 4.87)	0.284

See notes at end of table.

(continued)

Table 9 Serious Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Georgia	3.99	(3.27 - 4.86)	4.06	(3.46 - 4.76)	0.854
Region 1	3.98	(2.98 - 5.31)	4.20	(3.28 - 5.37)	0.724
Region 2	4.67	(3.48 - 6.24)	4.67	(3.54 - 6.14)	1.000
Region 3	3.47	(2.63 - 4.56)	3.52	(2.73 - 4.53)	0.915
Region 4	4.40	(3.27 - 5.88)	4.71	(3.49 - 6.34)	0.670
Region 5	4.49	(3.34 - 6.01)	4.37	(3.28 - 5.80)	0.857
Region 6	3.91	(2.86 - 5.31)	3.85	(2.95 - 5.00)	0.917
Hawaii	3.43	(2.74 - 4.29)	3.39	(2.72 - 4.22)	0.922
Hawaii Island	4.13	(3.00 - 5.67)	3.98	(2.89 - 5.46)	0.826
Honolulu	3.20	(2.47 - 4.15)	3.18	(2.44 - 4.12)	0.950
Kauai	3.43	(2.50 - 4.70)	3.61	(2.57 - 5.06)	0.757
Maui	4.01	(2.88 - 5.56)	3.95	(2.85 - 5.45)	0.917
Idaho	4.79	(4.01 - 5.72)	4.85	(4.14 - 5.69)	0.878
Region 1	4.70	(3.52 - 6.26)	4.85	(3.66 - 6.40)	0.846
Region 2	5.34	(3.99 - 7.12)	4.76	(3.55 - 6.36)	0.454
Region 3	5.16	(3.83 - 6.92)	5.33	(4.07 - 6.96)	0.825
Region 4	4.26	(3.27 - 5.52)	4.60	(3.62 - 5.82)	0.571
Region 5	5.36	(3.95 - 7.23)	4.98	(3.76 - 6.58)	0.636
Region 6	5.06	(3.78 - 6.75)	5.01	(3.74 - 6.70)	0.952
Region 7	4.69	(3.58 - 6.12)	4.73	(3.61 - 6.17)	0.954
Illinois	3.42	(2.95 - 3.97)	3.72	(3.24 - 4.27)	0.237
Region 1 (Cook)	3.20	(2.58 - 3.98)	3.55	(3.02 - 4.18)	0.305
Region 1.1 (Far North Side)	--	(-- --)	4.25	(3.20 - 5.62)	--
Region 1.2 (Northwest Side)	--	(-- --)	3.99	(2.96 - 5.35)	--
Region 1.3 (North Central Side)	--	(-- --)	4.46	(3.36 - 5.91)	--
Region 1.4 (West Side)	--	(-- --)	3.83	(2.85 - 5.14)	--
Region 1.5 (South Side)	--	(-- --)	3.27	(2.41 - 4.43)	--
Region 1.6 (Southwest Side)	--	(-- --)	3.41	(2.52 - 4.60)	--
Region 1.7 (Suburban Cook)	--	(-- --)	3.22	(2.54 - 4.09)	--
Region 2	3.28	(2.65 - 4.04)	3.42	(2.85 - 4.10)	0.670
Region 2a (DuPage)	--	(-- --)	3.35	(2.51 - 4.45)	--
Region 2b	--	(-- --)	3.23	(2.52 - 4.12)	--
Region 2c (Winnebago)	--	(-- --)	4.32	(3.22 - 5.77)	--
Region 2d	--	(-- --)	3.76	(2.88 - 4.91)	--
Region 3	3.74	(2.90 - 4.81)	4.39	(3.49 - 5.50)	0.228
Region 3a (Champaign)	--	(-- --)	4.43	(3.38 - 5.78)	--
Region 3b	--	(-- --)	4.38	(3.40 - 5.63)	--
Region 4	3.99	(3.06 - 5.18)	4.21	(3.34 - 5.30)	0.674
Region 4a (Sangamon)	--	(-- --)	4.02	(3.01 - 5.37)	--
Region 4b	--	(-- --)	4.26	(3.25 - 5.58)	--
Region 5	4.07	(3.16 - 5.24)	4.23	(3.40 - 5.26)	0.737
Region 5a	--	(-- --)	4.05	(3.06 - 5.34)	--
Region 5b	--	(-- --)	4.38	(3.35 - 5.71)	--

See notes at end of table.

(continued)

Table 9 *Serious Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Indiana	4.71	(3.91 - 5.67)	4.84	(4.07 - 5.74)	0.761
Central	4.40	(3.36 - 5.74)	4.36	(3.33 - 5.68)	0.946
East	5.05	(3.71 - 6.84)	4.99	(3.68 - 6.73)	0.937
North Central	4.75	(3.56 - 6.30)	4.72	(3.53 - 6.28)	0.968
Northeast	4.65	(3.45 - 6.25)	4.93	(3.68 - 6.58)	0.710
Northwest	4.51	(3.32 - 6.10)	4.69	(3.46 - 6.33)	0.804
Southeast	5.13	(3.74 - 6.98)	5.48	(4.06 - 7.35)	0.690
Southwest	4.96	(3.68 - 6.67)	5.02	(3.75 - 6.70)	0.944
West	4.80	(3.68 - 6.25)	5.32	(4.06 - 6.94)	0.483
Iowa	4.45	(3.71 - 5.34)	4.17	(3.49 - 4.98)	0.469
Central	4.07	(3.04 - 5.41)	4.06	(3.10 - 5.30)	0.987
North Central	4.29	(3.19 - 5.73)	4.39	(3.37 - 5.69)	0.872
Northeast	4.34	(3.33 - 5.65)	4.28	(3.24 - 5.64)	0.916
Northwest	4.28	(3.17 - 5.77)	3.61	(2.67 - 4.87)	0.282
Southeast	5.23	(3.92 - 6.95)	4.50	(3.43 - 5.88)	0.315
Southwest	4.18	(3.10 - 5.63)	4.01	(2.95 - 5.43)	0.790
Kansas	4.12	(3.39 - 5.00)	4.20	(3.51 - 5.01)	0.848
Northeast	--	(-- --)	4.21	(3.34 - 5.29)	--
Northwest and North Central	--	(-- --)	4.13	(3.05 - 5.57)	--
South Central	--	(-- --)	4.10	(3.17 - 5.30)	--
Southeast	--	(-- --)	4.78	(3.51 - 6.47)	--
Southwest	--	(-- --)	3.89	(2.88 - 5.24)	--
Kentucky¹	4.96	(4.09 - 6.00)	5.06	(4.26 - 6.00)	0.820
Adanta, Cumberland River, and Lifeskills	5.49	(4.12 - 7.28)	5.99	(4.52 - 7.90)	0.579
Bluegrass, Comprehend, and North Key	4.79	(3.62 - 6.32)	4.66	(3.57 - 6.05)	0.838
Centerstone	4.40	(3.28 - 5.89)	4.36	(3.34 - 5.67)	0.942
Communicare and River Valley	4.79	(3.52 - 6.49)	4.81	(3.53 - 6.51)	0.979
Four Rivers and Pennyroyal	5.13	(3.76 - 6.94)	5.27	(3.90 - 7.08)	0.867
Kentucky River, Mountain, and Pathways	5.72	(4.17 - 7.79)	6.20	(4.60 - 8.30)	0.632
Louisiana	4.27	(3.53 - 5.15)	4.48	(3.75 - 5.33)	0.601
Regions 1 and 10	4.06	(3.17 - 5.20)	4.54	(3.58 - 5.74)	0.392
Region 1	4.08	(2.98 - 5.55)	4.35	(3.24 - 5.81)	0.690
Region 10 (Jefferson)	4.04	(2.99 - 5.45)	4.75	(3.51 - 6.40)	0.341
Regions 2 and 9	4.29	(3.26 - 5.64)	3.94	(3.02 - 5.11)	0.554
Region 3	4.08	(3.05 - 5.44)	4.40	(3.28 - 5.88)	0.640
Regions 4, 5, and 6	4.60	(3.51 - 6.00)	4.95	(3.75 - 6.50)	0.605
Regions 7 and 8	4.09	(3.08 - 5.42)	4.56	(3.45 - 6.01)	0.450

See notes at end of table.

(continued)

Table 9 *Serious Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Maine	4.96	(4.08 - 6.03)	4.65	(3.89 - 5.54)	0.458
Aroostook/Downeast	5.47	(4.14 - 7.20)	5.27	(4.07 - 6.79)	0.786
Aroostook	5.66	(4.04 - 7.86)	5.05	(3.72 - 6.82)	0.497
Downeast	5.32	(3.76 - 7.47)	5.44	(3.91 - 7.52)	0.899
Central	5.43	(4.02 - 7.29)	5.16	(3.80 - 6.96)	0.743
Cumberland	4.46	(3.37 - 5.87)	4.14	(3.10 - 5.51)	0.605
Midcoast	4.73	(3.42 - 6.51)	4.71	(3.48 - 6.35)	0.982
Penquis	5.67	(4.21 - 7.60)	4.86	(3.63 - 6.47)	0.322
Western	5.03	(3.69 - 6.84)	4.81	(3.60 - 6.40)	0.772
York	4.37	(3.23 - 5.90)	4.05	(2.99 - 5.46)	0.625
Maryland	3.31	(2.70 - 4.06)	3.40	(2.85 - 4.05)	0.776
Anne Arundel	3.49	(2.55 - 4.74)	3.72	(2.81 - 4.90)	0.684
Baltimore City	3.62	(2.69 - 4.84)	3.49	(2.58 - 4.71)	0.818
Baltimore County	3.38	(2.50 - 4.57)	3.54	(2.65 - 4.72)	0.780
Montgomery	3.10	(2.27 - 4.21)	3.05	(2.28 - 4.07)	0.930
North Central	3.17	(2.34 - 4.29)	3.39	(2.50 - 4.59)	0.671
Northeast	3.49	(2.56 - 4.73)	3.74	(2.75 - 5.07)	0.654
Prince George's	2.82	(2.06 - 3.84)	2.75	(2.05 - 3.68)	0.874
South	3.35	(2.49 - 4.50)	3.73	(2.77 - 5.00)	0.485
West	3.81	(2.83 - 5.11)	3.82	(2.86 - 5.08)	0.980
Massachusetts	4.03	(3.33 - 4.86)	4.21	(3.54 - 5.01)	0.610
Boston	4.26	(3.30 - 5.49)	4.76	(3.62 - 6.24)	0.404
Central	4.07	(3.02 - 5.46)	4.20	(3.13 - 5.61)	0.841
Metrowest	3.69	(2.78 - 4.89)	3.83	(2.91 - 5.03)	0.818
Northeast	3.93	(2.96 - 5.20)	4.19	(3.20 - 5.46)	0.665
Southeast	4.03	(3.03 - 5.34)	4.19	(3.13 - 5.58)	0.797
Western	4.48	(3.37 - 5.95)	4.43	(3.32 - 5.89)	0.939
Michigan	4.53	(3.98 - 5.14)	4.34	(3.81 - 4.95)	0.549
Region 1	5.79	(4.39 - 7.60)	4.72	(3.53 - 6.28)	0.190
Region 2	5.24	(3.93 - 6.96)	4.55	(3.44 - 6.00)	0.351
Region 3	4.62	(3.67 - 5.80)	4.47	(3.52 - 5.65)	0.793
Region 4	4.66	(3.62 - 5.99)	5.04	(3.93 - 6.44)	0.578
Region 5	4.67	(3.77 - 5.76)	4.87	(3.92 - 6.04)	0.728
Region 6	4.14	(3.25 - 5.25)	4.11	(3.17 - 5.32)	0.962
Region 7	4.01	(3.17 - 5.05)	3.70	(2.89 - 4.74)	0.552
Region 8	4.32	(3.35 - 5.55)	3.82	(2.93 - 4.96)	0.412
Region 9	4.44	(3.43 - 5.73)	4.19	(3.22 - 5.45)	0.680
Region 10	4.93	(3.84 - 6.33)	4.69	(3.56 - 6.15)	0.716

See notes at end of table.

(continued)

Table 9 Serious Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Minnesota	4.32	(3.57 - 5.23)	4.32	(3.67 - 5.09)	0.999
Regions 1 and 2	4.83	(3.61 - 6.43)	4.58	(3.59 - 5.83)	0.696
Region 1	--	(-- --)	4.39	(3.24 - 5.92)	--
Region 2	--	(-- --)	4.69	(3.48 - 6.30)	--
Regions 3 and 4	4.57	(3.42 - 6.09)	4.52	(3.61 - 5.64)	0.925
Region 3	--	(-- --)	4.46	(3.29 - 6.01)	--
Region 4	--	(-- --)	4.55	(3.48 - 5.93)	--
Regions 5 and 6	4.57	(3.41 - 6.11)	4.44	(3.51 - 5.59)	0.819
Region 5	--	(-- --)	4.35	(3.24 - 5.82)	--
Region 6	--	(-- --)	4.53	(3.36 - 6.07)	--
Region 7	--	(-- --)	4.18	(3.45 - 5.05)	--
Region 7A (Hennepin)	4.14	(3.12 - 5.48)	4.50	(3.47 - 5.82)	0.557
Region 7B (Ramsey)	4.41	(3.27 - 5.93)	4.49	(3.37 - 5.96)	0.907
Region 7C	3.83	(2.90 - 5.04)	3.70	(2.81 - 4.88)	0.819
Mississippi	4.72	(3.86 - 5.75)	4.09	(3.38 - 4.94)	0.128
Region 1	5.26	(3.92 - 7.02)	4.51	(3.42 - 5.92)	0.297
Region 2	4.54	(3.31 - 6.18)	3.77	(2.74 - 5.16)	0.246
Region 3	5.15	(3.79 - 6.97)	4.04	(2.99 - 5.43)	0.129
Region 4	3.84	(2.85 - 5.15)	3.30	(2.41 - 4.49)	0.342
Region 5	4.90	(3.49 - 6.83)	4.37	(3.10 - 6.14)	0.529
Region 6	4.74	(3.51 - 6.36)	4.54	(3.35 - 6.13)	0.795
Region 7	4.64	(3.44 - 6.22)	4.31	(3.20 - 5.78)	0.610
Missouri	4.87	(4.04 - 5.86)	4.52	(3.81 - 5.35)	0.390
Central	5.03	(3.77 - 6.67)	4.56	(3.42 - 6.06)	0.511
Eastern	4.36	(3.44 - 5.52)	4.16	(3.36 - 5.15)	0.684
Eastern (St. Louis City and County)	4.41	(3.31 - 5.85)	4.09	(3.11 - 5.35)	0.598
Eastern (excluding St. Louis)	4.28	(3.21 - 5.69)	4.30	(3.27 - 5.63)	0.980
Northwest	4.50	(3.53 - 5.72)	4.32	(3.43 - 5.43)	0.722
Northwest (Jackson)	4.47	(3.30 - 6.03)	4.03	(3.02 - 5.37)	0.499
Northwest (excluding Jackson)	4.53	(3.38 - 6.04)	4.56	(3.43 - 6.04)	0.965
Southeast	6.13	(4.51 - 8.29)	5.73	(4.29 - 7.61)	0.672
Southwest	5.46	(4.08 - 7.27)	4.67	(3.51 - 6.20)	0.299
Montana	4.39	(3.60 - 5.34)	4.88	(4.10 - 5.78)	0.269
Region 1	4.29	(3.11 - 5.90)	4.48	(3.31 - 6.05)	0.795
Region 2	4.29	(3.23 - 5.69)	4.92	(3.68 - 6.55)	0.391
Region 3	4.50	(3.40 - 5.93)	4.45	(3.43 - 5.76)	0.941
Region 4	4.10	(3.12 - 5.38)	4.60	(3.55 - 5.95)	0.428
Region 5	4.63	(3.50 - 6.10)	5.47	(4.26 - 7.01)	0.248

See notes at end of table.

(continued)

Table 9 Serious Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Nebraska	4.44	(3.66 - 5.38)	4.36	(3.67 - 5.16)	0.828
Regions 1 and 2	4.66	(3.58 - 6.06)	4.25	(3.29 - 5.49)	0.463
Region 1	4.75	(3.46 - 6.50)	4.26	(3.10 - 5.83)	0.511
Region 2	4.58	(3.31 - 6.31)	4.25	(3.10 - 5.79)	0.620
Region 3	4.48	(3.31 - 6.03)	4.37	(3.31 - 5.76)	0.873
Region 4	4.54	(3.33 - 6.16)	4.02	(2.97 - 5.42)	0.450
Region 5	4.54	(3.46 - 5.93)	3.89	(2.93 - 5.13)	0.290
Region 6	4.30	(3.34 - 5.52)	4.75	(3.75 - 6.01)	0.450
Nevada	4.33	(3.52 - 5.32)	4.50	(3.72 - 5.44)	0.702
Clark – Region 1	4.26	(3.35 - 5.42)	4.37	(3.49 - 5.47)	0.837
Region 3	4.47	(3.43 - 5.81)	4.45	(3.47 - 5.69)	0.968
Capital District	4.54	(3.28 - 6.27)	4.27	(3.12 - 5.84)	0.719
Rural/Frontier	4.41	(3.23 - 5.99)	4.61	(3.42 - 6.19)	0.773
Washoe – Region 2	4.52	(3.45 - 5.90)	5.14	(3.91 - 6.74)	0.378
New Hampshire	4.65 ^b	(3.83 - 5.64)	5.52	(4.63 - 6.57)	0.062
Central	4.76 ^b	(3.76 - 6.00)	5.90	(4.75 - 7.31)	0.063
Central 1	4.61 ^a	(3.51 - 6.03)	6.19	(4.79 - 7.96)	0.035
Central 2	4.90	(3.61 - 6.61)	5.62	(4.26 - 7.38)	0.366
Northern	5.08	(3.72 - 6.91)	5.40	(4.06 - 7.15)	0.690
Southern	4.51	(3.60 - 5.63)	5.36	(4.37 - 6.56)	0.113
Southern 1 (Rockingham)	4.17	(3.12 - 5.54)	4.71	(3.56 - 6.22)	0.394
Southern 2	4.72	(3.65 - 6.08)	5.77	(4.54 - 7.31)	0.124
New Jersey	3.46	(2.82 - 4.25)	3.74	(3.15 - 4.43)	0.425
Central	3.59	(2.71 - 4.75)	3.79	(2.93 - 4.90)	0.704
Metropolitan	3.26	(2.42 - 4.37)	3.38	(2.57 - 4.42)	0.813
Northern	3.45	(2.60 - 4.57)	3.74	(2.92 - 4.76)	0.573
Southern	3.57	(2.69 - 4.73)	4.09	(3.14 - 5.30)	0.347
New Mexico	4.23	(3.45 - 5.17)	4.41	(3.67 - 5.30)	0.658
Region 1	4.06	(3.04 - 5.40)	4.32	(3.21 - 5.79)	0.691
Region 2	4.15	(3.02 - 5.68)	4.25	(3.09 - 5.80)	0.890
Region 3 (Bernalillo)	4.17	(3.16 - 5.49)	4.47	(3.44 - 5.79)	0.638
Region 4	4.43	(3.30 - 5.91)	4.83	(3.59 - 6.46)	0.601
Region 5	4.43	(3.27 - 5.96)	4.29	(3.36 - 5.45)	0.821
Region 5a	--	(-- --)	4.28	(3.14 - 5.79)	--
Region 5b (Dona Ana)	--	(-- --)	4.29	(3.18 - 5.78)	--

See notes at end of table.

(continued)

Table 9 Serious Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
New York¹	3.74	(3.24 - 4.31)	3.97	(3.48 - 4.52)	0.422
Region 1: Long Island	3.00	(2.34 - 3.83)	3.54	(2.77 - 4.52)	0.233
Region 2: New York City	3.75	(3.16 - 4.45)	3.84	(3.26 - 4.53)	0.788
Region 2A: Bronx	4.09	(3.11 - 5.37)	3.77	(2.85 - 4.96)	0.595
Region 2B: Kings	--	(-- - --)	3.84	(2.97 - 4.94)	--
Region 2C: New York	3.92	(3.06 - 5.00)	4.50	(3.48 - 5.79)	0.310
Region 2D: Queens	3.34	(2.55 - 4.36)	3.34	(2.54 - 4.37)	0.994
Region 2E: Richmond	--	(-- - --)	4.12	(3.07 - 5.50)	--
Region 3: Mid-Hudson	--	(-- - --)	3.79	(2.95 - 4.85)	--
Region 4: Capital Region	--	(-- - --)	4.31	(3.28 - 5.63)	--
Region 5: Mohawk Valley	--	(-- - --)	5.11	(3.79 - 6.85)	--
Region 6: North Country	--	(-- - --)	4.34	(3.22 - 5.82)	--
Region 7: Tug Hill Seaway	--	(-- - --)	4.95	(3.76 - 6.48)	--
Region 8: Central	--	(-- - --)	4.37	(3.41 - 5.59)	--
Region 9: Southern Tier	--	(-- - --)	4.87	(3.69 - 6.41)	--
Region 10: Finger Lakes	--	(-- - --)	4.28	(3.34 - 5.46)	--
Region 11: Western	--	(-- - --)	4.25	(3.31 - 5.45)	--
North Carolina	4.85	(4.00 - 5.87)	4.71	(4.03 - 5.49)	0.740
Alliance Behavioral Healthcare 1	4.60	(3.47 - 6.09)	4.44	(3.37 - 5.83)	0.812
Alliance Behavioral Healthcare 2	3.88	(2.93 - 5.13)	4.06	(3.05 - 5.38)	0.771
Cardinal Innovations Healthcare Solutions 1	5.06	(3.61 - 7.03)	4.83	(3.61 - 6.44)	0.791
Cardinal Innovations Healthcare Solutions 2	4.58	(3.33 - 6.28)	4.58	(3.39 - 6.17)	0.995
Cardinal Innovations Healthcare Solutions 3	4.17	(3.08 - 5.63)	4.29	(3.24 - 5.66)	0.858
CenterPoint Human Services	4.64	(3.36 - 6.39)	4.74	(3.52 - 6.36)	0.902
Eastpointe	5.48	(3.95 - 7.56)	4.58	(3.40 - 6.15)	0.327
Partners Behavioral Health Management	5.05	(3.72 - 6.83)	5.34	(4.02 - 7.07)	0.727
Sandhills Center 1	5.27	(3.78 - 7.31)	4.98	(3.67 - 6.73)	0.748
Sandhills Center 2	4.79	(3.48 - 6.55)	4.28	(3.16 - 5.77)	0.519
Smoky Mountain Center 1	5.75	(4.15 - 7.93)	5.45	(4.04 - 7.30)	0.743
Smoky Mountain Center 2	5.32	(3.81 - 7.39)	5.01	(3.72 - 6.71)	0.731
Trillium Health Resources 1	4.90	(3.58 - 6.67)	4.78	(3.56 - 6.40)	0.889
Trillium Health Resources 2	5.11	(3.72 - 6.99)	4.98	(3.71 - 6.64)	0.867

See notes at end of table.

(continued)

Table 9 Serious Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
North Dakota	4.04	(3.34 - 4.88)	3.90	(3.28 - 4.64)	0.710
Badlands and West Central	3.76	(2.85 - 4.95)	3.45	(2.71 - 4.39)	0.519
Badlands	--	(-- --)	3.94	(2.91 - 5.29)	--
West Central	--	(-- --)	3.31	(2.48 - 4.39)	--
Lake Region	4.17	(3.02 - 5.73)	3.67	(2.67 - 5.03)	0.462
North Central	4.01	(3.03 - 5.28)	4.08	(3.08 - 5.38)	0.906
Northeast	4.28	(3.28 - 5.56)	4.55	(3.47 - 5.95)	0.669
Northwest	3.62	(2.71 - 4.84)	4.05	(2.98 - 5.48)	0.482
South Central	4.23	(3.07 - 5.81)	3.73	(2.72 - 5.10)	0.456
Southeast	4.20	(3.27 - 5.39)	4.02	(3.15 - 5.12)	0.749
Ohio	4.74	(4.18 - 5.36)	5.11	(4.52 - 5.77)	0.237
Boards 2, 46, 55, and 68	5.11	(3.87 - 6.70)	5.20	(3.93 - 6.85)	0.903
Boards 3, 52, and 85	4.90	(3.66 - 6.53)	4.84	(3.61 - 6.46)	0.940
Boards 4 and 78	5.32	(3.99 - 7.07)	5.57	(4.16 - 7.42)	0.771
Boards 5 and 60	5.25	(3.99 - 6.86)	6.16	(4.76 - 7.94)	0.275
Boards 7, 15, 41, 79, and 84	5.49	(4.15 - 7.22)	5.91	(4.47 - 7.79)	0.612
Boards 8, 13, and 83	4.88	(3.70 - 6.40)	4.80	(3.66 - 6.27)	0.913
Board 9 (Butler)	4.61	(3.53 - 6.00)	5.09	(3.86 - 6.67)	0.513
Board 12	4.52	(3.47 - 5.88)	5.03	(3.83 - 6.57)	0.473
Boards 18 and 47	4.64	(3.66 - 5.87)	4.77	(3.74 - 6.06)	0.842
Boards 20, 32, 54, and 69	4.63	(3.52 - 6.07)	5.38	(4.10 - 7.02)	0.322
Boards 21, 39, 51, 70, and 80	4.49	(3.45 - 5.82)	5.15	(3.94 - 6.70)	0.360
Boards 22, 74, and 87	4.62	(3.57 - 5.96)	5.17	(3.93 - 6.76)	0.454
Boards 23 and 45	4.89	(3.71 - 6.43)	5.39	(4.18 - 6.93)	0.503
Board 25 (Franklin)	4.42	(3.49 - 5.58)	4.64	(3.65 - 5.89)	0.701
Boards 27, 71, and 73	5.65	(4.31 - 7.37)	6.44	(4.87 - 8.46)	0.381
Boards 28, 43, and 67	4.48	(3.46 - 5.79)	4.76	(3.62 - 6.24)	0.679
Board 31 (Hamilton)	4.12	(3.16 - 5.35)	4.83	(3.72 - 6.23)	0.278
Board 48 (Lucas)	4.54	(3.47 - 5.92)	5.29	(4.00 - 6.98)	0.310
Boards 50 and 76	4.74	(3.60 - 6.23)	5.05	(3.90 - 6.51)	0.674
Board 57 (Montgomery)	4.99	(3.82 - 6.50)	5.21	(3.95 - 6.84)	0.783
Board 77 (Summit)	4.58	(3.51 - 5.96)	4.83	(3.68 - 6.32)	0.726
Oklahoma	4.59	(3.81 - 5.51)	4.37	(3.68 - 5.19)	0.601
Central	4.44	(3.36 - 5.86)	4.54	(3.45 - 5.94)	0.892
East Central	4.65	(3.45 - 6.25)	4.57	(3.38 - 6.14)	0.911
Northeast	4.48	(3.36 - 5.95)	4.21	(3.15 - 5.62)	0.692
Northwest and Southwest	4.42	(3.29 - 5.92)	4.59	(3.46 - 6.07)	0.811
Oklahoma County	4.44	(3.39 - 5.79)	4.30	(3.24 - 5.68)	0.835
Southeast	5.31	(3.94 - 7.14)	4.59	(3.45 - 6.09)	0.369
Tulsa County	4.45	(3.31 - 5.95)	3.93	(2.95 - 5.22)	0.440

See notes at end of table.

(continued)

Table 9 Serious Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Oregon	4.83	(4.02 - 5.81)	5.10	(4.30 - 6.05)	0.546
Region 1 (Multnomah)	5.03	(3.86 - 6.52)	5.56	(4.29 - 7.17)	0.476
Region 2	4.10	(3.13 - 5.36)	4.46	(3.43 - 5.78)	0.538
Region 3	5.12	(3.93 - 6.65)	5.62	(4.41 - 7.13)	0.492
Region 4	5.03	(3.69 - 6.80)	4.70	(3.52 - 6.24)	0.684
Region 5 (Central)	4.68	(3.41 - 6.41)	4.73	(3.46 - 6.43)	0.953
Region 6 (Eastern)	5.21	(3.77 - 7.15)	4.66	(3.45 - 6.28)	0.514
Pennsylvania	4.00	(3.49 - 4.57)	4.08	(3.56 - 4.66)	0.780
Region 1 (Allegheny)	3.98	(3.10 - 5.10)	4.59	(3.55 - 5.92)	0.324
Regions 3, 8, 9, and 51	4.12	(3.17 - 5.33)	4.51	(3.43 - 5.92)	0.547
Regions 4, 11, 37, and 49	3.94	(3.04 - 5.09)	4.25	(3.24 - 5.57)	0.595
Regions 5, 18, 23, 24, and 46	4.36	(3.36 - 5.64)	4.48	(3.43 - 5.85)	0.838
Regions 6, 12, 16, 31, 35, 45, and 47	4.41	(3.42 - 5.66)	4.41	(3.39 - 5.73)	0.992
Regions 7, 13, 20, and 33	3.40	(2.68 - 4.29)	3.24	(2.53 - 4.15)	0.740
Regions 10, 15, 27, 32, 43, and 44	4.67	(3.53 - 6.16)	4.18	(3.14 - 5.56)	0.474
Regions 17 and 21	4.38	(3.35 - 5.69)	4.37	(3.33 - 5.72)	0.996
Regions 19, 26, 28, and 42	3.92	(3.08 - 4.98)	4.63	(3.60 - 5.94)	0.222
Regions 22, 38, 40, 41, and 48	3.87	(2.92 - 5.11)	3.82	(2.86 - 5.09)	0.938
Regions 29 and 34	3.96	(3.00 - 5.21)	3.64	(2.70 - 4.90)	0.591
Regions 30 and 50	4.17	(3.19 - 5.45)	4.05	(3.01 - 5.42)	0.843
Region 36 (Philadelphia)	4.36	(3.47 - 5.47)	4.04	(3.13 - 5.19)	0.567
Rhode Island	4.98	(4.04 - 6.12)	4.50	(3.75 - 5.40)	0.278
Region 1: Southern Providence County	--	(-- --)	4.43	(3.32 - 5.88)	--
Region 2: Northern Providence County/Blackstone Valley	--	(-- --)	4.57	(3.39 - 6.13)	--
Region 3: Providence	--	(-- --)	5.40	(4.05 - 7.16)	--
Region 4: Kent County	--	(-- --)	4.08	(3.05 - 5.45)	--
Region 5: East Bay	--	(-- --)	4.56	(3.38 - 6.14)	--
Region 6: Newport County	--	(-- --)	4.25	(3.11 - 5.78)	--
Region 7: South County	--	(-- --)	3.94	(2.92 - 5.28)	--
South Carolina	4.35	(3.58 - 5.27)	4.00	(3.31 - 4.82)	0.378
Region 1	4.84	(3.66 - 6.37)	4.45	(3.40 - 5.82)	0.574
Region 2	4.22	(3.21 - 5.53)	4.00	(3.05 - 5.23)	0.722
Region 3	4.41	(3.25 - 5.96)	3.76	(2.82 - 5.01)	0.344
Region 4	3.86	(2.94 - 5.05)	3.62	(2.77 - 4.71)	0.639
South Dakota	3.70	(2.96 - 4.63)	4.07	(3.38 - 4.90)	0.342
Region 1	3.63	(2.66 - 4.92)	3.93	(2.97 - 5.17)	0.616
Region 2	3.76	(2.69 - 5.24)	3.95	(2.87 - 5.41)	0.768
Region 3	3.84	(2.84 - 5.19)	4.06	(3.10 - 5.30)	0.723
Region 4	3.69	(2.69 - 5.04)	4.21	(3.13 - 5.63)	0.396
Region 5	3.64	(2.73 - 4.82)	4.17	(3.18 - 5.46)	0.327

See notes at end of table.

(continued)

Table 9 Serious Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Tennessee	4.52	(3.74 - 5.46)	4.81	(4.07 - 5.68)	0.488
Region 1	5.02	(3.69 - 6.79)	5.25	(3.85 - 7.12)	0.782
Region 2	4.62	(3.45 - 6.18)	5.45	(4.15 - 7.13)	0.297
Region 3	5.22	(3.88 - 7.00)	4.97	(3.77 - 6.52)	0.749
Region 4 (Davidson)	4.35	(3.26 - 5.79)	4.65	(3.44 - 6.26)	0.691
Region 5	4.29	(3.26 - 5.63)	4.70	(3.62 - 6.09)	0.531
Region 6	4.61	(3.34 - 6.33)	4.90	(3.70 - 6.46)	0.698
Region 7 (Shelby)	3.79	(2.81 - 5.08)	3.78	(2.82 - 5.07)	0.999
Texas	3.84 ^a	(3.36 - 4.40)	3.32	(2.91 - 3.78)	0.042
Region 1	4.70 ^b	(3.56 - 6.19)	3.62	(2.75 - 4.75)	0.085
Region 2	4.52	(3.40 - 5.98)	3.93	(2.95 - 5.21)	0.352
Region 3	3.45	(2.84 - 4.18)	3.12	(2.58 - 3.77)	0.350
Region 3a	3.42	(2.72 - 4.30)	3.07	(2.45 - 3.85)	0.401
Region 3bc	3.49	(2.71 - 4.48)	3.21	(2.51 - 4.10)	0.560
Region 4	4.58	(3.49 - 6.00)	4.03	(3.06 - 5.28)	0.369
Region 5	4.41	(3.33 - 5.83)	3.77	(2.82 - 5.03)	0.316
Region 6	3.49	(2.81 - 4.32)	3.43	(2.80 - 4.20)	0.891
Region 6a	3.45	(2.73 - 4.35)	3.45	(2.78 - 4.28)	0.994
Region 6bc	3.78	(2.85 - 5.00)	3.27	(2.44 - 4.37)	0.347
Region 7	4.03	(3.29 - 4.92)	3.50	(2.85 - 4.28)	0.200
Region 7a	3.77	(2.93 - 4.85)	3.27	(2.53 - 4.22)	0.310
Region 7bcd	4.46	(3.43 - 5.80)	3.89	(2.99 - 5.03)	0.333
Region 8	4.14 ^a	(3.19 - 5.37)	2.98	(2.32 - 3.81)	0.027
Region 9	4.04	(3.08 - 5.29)	3.41	(2.55 - 4.55)	0.267
Region 10	4.27 ^a	(3.20 - 5.67)	3.03	(2.25 - 4.07)	0.036
Region 11	4.20 ^a	(3.32 - 5.30)	3.06	(2.40 - 3.89)	0.018
Region 11abd	4.30 ^a	(3.24 - 5.70)	3.06	(2.28 - 4.08)	0.034
Region 11c (Hidalgo)	4.01	(2.97 - 5.39)	3.06	(2.27 - 4.10)	0.109
Utah	5.17	(4.33 - 6.15)	5.00	(4.26 - 5.86)	0.714
Bear River, Northeastern, Summit, Tooele, and Wasatch	5.23	(4.02 - 6.78)	5.21	(3.90 - 6.93)	0.973
Central, Four Corners, San Juan, and Southwest	5.41	(4.10 - 7.10)	4.95	(3.92 - 6.24)	0.508
Central, Four Corners, and San Juan	--	(-- --)	5.06	(3.76 - 6.78)	--
Southwest	--	(-- --)	4.88	(3.65 - 6.49)	--
Davis County	5.02	(3.81 - 6.59)	4.55	(3.42 - 6.03)	0.501
Salt Lake County	4.97	(3.95 - 6.24)	4.82	(3.87 - 6.00)	0.814
Utah County	5.63	(4.36 - 7.25)	5.64	(4.35 - 7.29)	0.987
Weber, Morgan	4.82	(3.62 - 6.39)	4.82	(3.64 - 6.36)	0.997
Vermont	5.28	(4.30 - 6.47)	5.25	(4.37 - 6.29)	0.949
Champlain Valley	4.58	(3.50 - 5.97)	4.49	(3.48 - 5.77)	0.887
Rural Northeast	6.13	(4.45 - 8.38)	6.27	(4.70 - 8.31)	0.888
Rural Southeast	5.34	(3.94 - 7.19)	5.55	(4.20 - 7.29)	0.809
Rural Southwest	5.70	(4.16 - 7.77)	5.25	(3.92 - 7.02)	0.611

See notes at end of table.

(continued)

Table 9 *Serious Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Virginia	3.98	(3.30 - 4.80)	4.42	(3.79 - 5.16)	0.257
Region 1	4.02	(3.02 - 5.33)	4.44	(3.42 - 5.75)	0.520
Region 2	3.25	(2.46 - 4.28)	3.89	(3.02 - 5.00)	0.217
Region 3	5.13	(3.84 - 6.82)	5.91	(4.62 - 7.53)	0.350
Region 4	3.99	(2.94 - 5.40)	4.02	(3.10 - 5.20)	0.966
Region 5	3.99	(3.05 - 5.20)	4.25	(3.31 - 5.46)	0.650
Washington¹	4.72	(3.92 - 5.67)	4.79	(4.02 - 5.69)	0.866
Region 1	5.20	(4.10 - 6.57)	5.08	(4.01 - 6.40)	0.846
Greater Columbia and North Central	4.99	(3.77 - 6.56)	4.88	(3.63 - 6.52)	0.887
Spokane	5.49	(4.02 - 7.47)	5.36	(4.01 - 7.13)	0.876
Region 2	4.47	(3.58 - 5.57)	4.53	(3.66 - 5.61)	0.901
King	4.36	(3.32 - 5.69)	4.38	(3.39 - 5.66)	0.965
North Sound	4.67	(3.54 - 6.14)	4.80	(3.64 - 6.30)	0.851
Region 3	4.76	(3.85 - 5.87)	4.96	(4.06 - 6.07)	0.680
Pierce	4.58	(3.44 - 6.06)	4.91	(3.74 - 6.43)	0.644
Salish	4.69	(3.45 - 6.34)	4.87	(3.55 - 6.66)	0.814
SW WA and Great Rivers	5.01	(3.74 - 6.69)	5.13	(3.80 - 6.90)	0.874
Thurston-Mason	4.72	(3.47 - 6.38)	4.84	(3.56 - 6.55)	0.879
West Virginia	5.53	(4.59 - 6.64)	5.40	(4.53 - 6.42)	0.784
Region I	5.53	(4.00 - 7.58)	5.08	(3.73 - 6.88)	0.603
Region II	5.37	(3.93 - 7.28)	4.78	(3.59 - 6.35)	0.452
Region III	5.65	(4.10 - 7.74)	6.10	(4.53 - 8.17)	0.637
Region IV	5.07	(3.83 - 6.68)	5.45	(4.17 - 7.10)	0.641
Region V	5.51	(4.22 - 7.16)	5.30	(3.98 - 7.03)	0.789
Region VI	6.18	(4.62 - 8.22)	5.73	(4.36 - 7.50)	0.617
Wisconsin	4.15	(3.39 - 5.07)	4.11	(3.44 - 4.90)	0.904
Milwaukee	4.05	(3.05 - 5.35)	4.31	(3.28 - 5.64)	0.670
Northeastern	4.41	(3.30 - 5.87)	3.93	(2.97 - 5.18)	0.453
Northern	4.32	(3.14 - 5.92)	4.02	(2.95 - 5.45)	0.665
Southeastern	3.64	(2.71 - 4.85)	3.88	(2.92 - 5.14)	0.653
Southern	4.19	(3.12 - 5.60)	4.27	(3.24 - 5.62)	0.902
Western	4.48	(3.30 - 6.07)	4.30	(3.21 - 5.74)	0.795

See notes at end of table.

(continued)

Table 9 Serious Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Wyoming	4.30	(3.57 - 5.17)	4.52	(3.84 - 5.31)	0.565
Judicial District 1 (Laramie)	4.33	(3.26 - 5.71)	4.53	(3.46 - 5.91)	0.752
Judicial District 2	4.62	(3.58 - 5.95)	5.56	(4.32 - 7.12)	0.171
Judicial District 3	4.11	(3.08 - 5.46)	5.26	(3.96 - 6.96)	0.116
Judicial District 4	4.35	(3.16 - 5.96)	4.11	(3.04 - 5.54)	0.740
Judicial District 5	4.31	(3.15 - 5.87)	3.92	(2.90 - 5.28)	0.556
Judicial District 6	4.04	(3.04 - 5.35)	4.02	(2.99 - 5.40)	0.984
Judicial District 7 (Natrona)	4.60	(3.42 - 6.17)	4.32	(3.25 - 5.71)	0.675
Judicial District 8	4.47	(3.26 - 6.09)	4.42	(3.23 - 6.02)	0.949
Judicial District 9	3.97	(2.96 - 5.31)	4.20	(3.12 - 5.63)	0.718

SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2012-2014 and 2014-2016); hence, the 2012-2014 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

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 significance levels for the null hypothesis of no change between the 2012-2014 and 2014-2016 population percentages. The "Total U.S." estimates, along with the 95 percent confidence intervals and the *p* values, are based on design-based (direct) estimation methods.

NOTE: Serious mental illness (SMI) is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder, assessed by the Mental Health Surveillance Study (MHSS) *Structured Clinical Interview for the Diagnostic and Statistical Manual of Mental Disorders—Fourth Edition—Research Version—Axis I Disorders* (MHSS-SCID), which is based on the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV). SMI includes individuals with diagnoses resulting in serious functional impairment. For details, see Section B of the "2015-2016 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

^a Difference between the 2012-2014 and 2014-2016 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2012-2014 and 2014-2016 population percentages 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 (2012-2014 vs. 2014-2016). For details, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012-2016.

Table 10 *Any Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Total United States	18.39	(18.07 - 18.72)	18.09	(17.80 - 18.38)	0.109
Northeast	17.95	(17.28 - 18.64)	17.86	(17.27 - 18.47)	0.797
Midwest	18.54	(17.99 - 19.10)	18.21	(17.70 - 18.73)	0.259
South	18.14	(17.60 - 18.69)	17.81	(17.37 - 18.26)	0.254
West	19.00	(18.34 - 19.68)	18.61	(18.05 - 19.18)	0.279
Alabama	19.45	(17.49 - 21.58)	18.67	(17.00 - 20.47)	0.437
Region 1	20.32	(17.50 - 23.47)	18.67	(16.14 - 21.50)	0.247
Region 2	19.21	(16.60 - 22.11)	19.30	(16.71 - 22.18)	0.950
Region 3	18.17	(15.55 - 21.12)	17.70	(15.08 - 20.67)	0.735
Region 4	19.74	(16.86 - 22.97)	18.55	(15.79 - 21.68)	0.429
Alaska	18.73	(16.87 - 20.74)	19.50	(17.83 - 21.28)	0.431
Anchorage	20.15	(17.68 - 22.87)	20.85	(18.48 - 23.43)	0.596
Northern	17.53	(14.98 - 20.41)	19.15	(16.42 - 22.22)	0.252
South Central	17.70	(15.10 - 20.64)	17.61	(15.15 - 20.37)	0.951
Southeast	18.19	(15.39 - 21.37)	19.65	(16.34 - 23.45)	0.361
Arizona¹	18.42	(16.52 - 20.49)	18.00	(16.31 - 19.81)	0.659
Central	17.92	(15.74 - 20.32)	17.50	(15.45 - 19.76)	0.722
North	--	(-- --)	17.74	(14.69 - 21.27)	--
South	--	(-- --)	19.15	(16.72 - 21.84)	--
South A	18.70	(15.92 - 21.85)	19.36	(16.31 - 22.83)	0.664
South B	--	(-- --)	18.90	(15.76 - 22.50)	--
Arkansas	20.13	(18.13 - 22.29)	20.45	(18.70 - 22.32)	0.760
Catchment Area 1	18.44	(15.67 - 21.57)	20.16	(17.12 - 23.60)	0.258
Catchment Area 2	21.03	(17.91 - 24.54)	22.13	(18.58 - 26.14)	0.552
Catchment Area 3	21.06	(17.90 - 24.60)	20.69	(17.76 - 23.96)	0.825
Catchment Area 4	20.21	(17.07 - 23.75)	20.83	(17.55 - 24.55)	0.708
Catchment Area 5	20.19	(17.21 - 23.54)	20.98	(17.82 - 24.53)	0.630
Catchment Area 6	19.57	(16.56 - 22.98)	17.71	(14.66 - 21.22)	0.233
Catchment Area 7	20.71	(17.39 - 24.48)	19.38	(16.06 - 23.19)	0.459
Catchment Area 8	20.21	(17.18 - 23.62)	20.33	(17.29 - 23.74)	0.941

See notes at end of table.

(continued)

Table 10 Any Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
California	18.52 ^a	(17.51 - 19.57)	17.36	(16.55 - 18.19)	0.031
Region 1R	21.19	(18.35 - 24.34)	19.90	(17.09 - 23.04)	0.362
Region 2R	19.23	(16.65 - 22.10)	18.71	(16.04 - 21.70)	0.682
Region 3R (Sacramento)	19.40	(16.98 - 22.07)	18.00	(15.58 - 20.71)	0.252
Region 4R	18.16 ^b	(15.87 - 20.70)	15.82	(13.45 - 18.51)	0.056
Region 5R (San Francisco)	19.09	(16.53 - 21.94)	19.19	(16.19 - 22.60)	0.939
Region 6 (Santa Clara)	17.13	(14.88 - 19.65)	15.66	(13.58 - 17.99)	0.201
Region 7R (Contra Costa)	17.99	(15.63 - 20.61)	18.15	(15.59 - 21.03)	0.898
Region 8R (Alameda)	19.29	(16.77 - 22.08)	18.91	(16.28 - 21.86)	0.779
Region 9R (San Mateo)	16.26	(13.84 - 19.01)	15.81	(13.26 - 18.75)	0.727
Region 10	18.62	(16.11 - 21.41)	17.18	(14.56 - 20.16)	0.279
Region 11 (Los Angeles)	18.56 ^a	(17.29 - 19.90)	17.09	(15.92 - 18.33)	0.031
LA SPA 1 and 5	19.11	(16.58 - 21.93)	19.27	(16.28 - 22.65)	0.915
LA SPA 2	19.84	(17.35 - 22.60)	18.11	(15.64 - 20.87)	0.188
LA SPA 3	17.64 ^a	(15.35 - 20.19)	14.79	(12.59 - 17.30)	0.017
LA SPA 4	19.14	(16.67 - 21.88)	19.41	(16.47 - 22.74)	0.840
LA SPA 6	18.85 ^a	(16.35 - 21.64)	15.66	(13.39 - 18.24)	0.008
LA SPA 7	17.54 ^a	(15.29 - 20.04)	15.10	(12.82 - 17.70)	0.032
LA SPA 8	17.60	(15.37 - 20.07)	17.43	(14.95 - 20.22)	0.896
Region 12R	19.10	(16.42 - 22.09)	17.85	(15.23 - 20.82)	0.358
Regions 13 and 19R	17.81	(15.57 - 20.30)	17.21	(15.11 - 19.54)	0.616
Region 14 (Orange)	17.09	(14.95 - 19.47)	16.28	(14.14 - 18.68)	0.482
Region 15R (Fresno)	19.92	(17.27 - 22.85)	17.95	(15.33 - 20.90)	0.121
Region 16R (San Diego)	19.25	(17.11 - 21.58)	18.00	(15.94 - 20.27)	0.285
Region 17R	18.57	(16.26 - 21.12)	17.67	(15.37 - 20.24)	0.450
Region 18R (San Bernardino)	17.62	(15.28 - 20.23)	16.94	(14.77 - 19.36)	0.583
Region 20R	20.65	(17.93 - 23.65)	18.72	(16.00 - 21.77)	0.165
Region 21R	18.73 ^b	(16.31 - 21.43)	16.57	(14.10 - 19.37)	0.068
Colorado	17.67 ^a	(15.85 - 19.65)	20.16	(18.38 - 22.07)	0.011
Region 1	--	(-- --)	20.22	(17.37 - 23.41)	--
Region 2	--	(-- --)	21.36	(17.88 - 25.32)	--
Region 3	--	(-- --)	20.35	(17.59 - 23.43)	--
Region 4	--	(-- --)	19.66	(16.19 - 23.66)	--
Region 5	--	(-- --)	20.51	(17.16 - 24.33)	--
Region 6	--	(-- --)	19.60	(16.76 - 22.78)	--
Region 7	--	(-- --)	19.65	(16.61 - 23.08)	--
Connecticut	16.84	(15.11 - 18.72)	17.51	(15.86 - 19.30)	0.473
Eastern	17.62	(14.99 - 20.59)	20.08	(17.09 - 23.45)	0.107
North Central	17.52	(15.00 - 20.36)	17.68	(15.12 - 20.58)	0.907
Northwestern	16.27	(13.81 - 19.06)	16.96	(14.31 - 19.99)	0.616
South Central	16.99	(14.53 - 19.78)	17.42	(14.76 - 20.43)	0.747
Southwest	15.65	(13.23 - 18.42)	16.22	(13.49 - 19.38)	0.679

See notes at end of table.

(continued)

Table 10 Any Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Delaware	18.90	(17.07 - 20.87)	18.62	(16.84 - 20.55)	0.778
Kent	19.73	(16.94 - 22.85)	18.71	(15.91 - 21.87)	0.489
New Castle (excluding Wilmington City)	18.59	(16.33 - 21.08)	18.86	(16.61 - 21.35)	0.829
Sussex	18.63	(15.98 - 21.62)	17.85	(14.96 - 21.15)	0.588
Wilmington City	19.81	(16.74 - 23.29)	19.14	(15.62 - 23.23)	0.676
District of Columbia	19.31	(17.53 - 21.22)	18.97	(17.37 - 20.69)	0.708
Ward 1	20.59	(17.86 - 23.62)	20.50	(17.42 - 23.97)	0.953
Ward 2	20.15 ^b	(17.31 - 23.33)	22.79	(19.53 - 26.41)	0.074
Ward 3	18.79	(16.11 - 21.80)	19.87	(16.82 - 23.33)	0.453
Ward 4	18.59	(15.74 - 21.83)	16.44	(13.82 - 19.45)	0.114
Ward 5	17.97	(15.29 - 21.01)	16.60	(13.91 - 19.68)	0.317
Ward 6	20.38	(17.54 - 23.55)	20.73	(17.82 - 23.97)	0.810
Ward 7	18.43 ^b	(15.46 - 21.82)	15.68	(13.11 - 18.64)	0.055
Ward 8	19.25	(16.44 - 22.41)	18.14	(15.19 - 21.52)	0.458
Florida	16.46	(15.35 - 17.64)	16.87	(15.82 - 17.96)	0.509
Broward (Circuit 17)	14.91	(12.86 - 17.23)	14.58	(12.36 - 17.12)	0.775
Central I	17.59	(15.79 - 19.55)	17.46	(15.65 - 19.44)	0.891
Circuit 9	17.81	(15.61 - 20.24)	17.64	(15.34 - 20.21)	0.893
Circuit 18	17.29	(14.88 - 19.99)	17.20	(14.65 - 20.08)	0.946
Central II	16.83	(15.39 - 18.37)	16.92	(15.50 - 18.45)	0.904
Circuit 6	16.44	(14.20 - 18.94)	17.12	(14.64 - 19.93)	0.608
Circuit 10	17.66	(15.11 - 20.53)	16.74	(14.20 - 19.64)	0.496
Circuit 12	17.27	(14.78 - 20.07)	15.83	(13.14 - 18.94)	0.302
Circuit 13 (Hillsborough)	17.05	(14.83 - 19.54)	18.28	(15.70 - 21.18)	0.344
Circuit 20	16.29	(13.96 - 18.93)	16.11	(13.52 - 19.08)	0.893
Northeast	16.96	(15.40 - 18.64)	17.09	(15.47 - 18.84)	0.879
Circuit 4	16.75	(14.43 - 19.35)	16.77	(14.28 - 19.60)	0.985
Circuit 5	17.11	(14.61 - 19.95)	16.70	(14.06 - 19.71)	0.762
Circuit 7	16.64	(14.27 - 19.33)	17.24	(14.45 - 20.45)	0.666
Circuit 8 plus Columbia, Dixie, Hamilton, Lafayette, and Suwannee	17.59	(15.25 - 20.21)	18.28	(15.44 - 21.50)	0.614
Northwest	18.01	(16.25 - 19.93)	19.14	(17.19 - 21.25)	0.249
Circuit 1	17.96	(15.55 - 20.66)	18.85	(16.08 - 21.98)	0.513
Circuit 2 plus Madison and Taylor	18.03	(15.55 - 20.81)	19.19	(16.34 - 22.42)	0.384
Circuit 14	18.11	(15.44 - 21.13)	19.72	(16.46 - 23.44)	0.299
South (Circuits 11 and 16)	14.53	(12.64 - 16.64)	15.80	(13.72 - 18.13)	0.250
Southeast	16.03	(14.14 - 18.12)	17.42	(15.26 - 19.81)	0.202
Circuit 15 (Palm Beach)	15.59	(13.36 - 18.10)	17.28	(14.63 - 20.29)	0.209
Circuit 19	16.99	(14.46 - 19.86)	17.73	(14.69 - 21.24)	0.621

See notes at end of table.

(continued)

Table 10 Any Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Georgia	18.52	(16.72 - 20.47)	17.60	(16.23 - 19.07)	0.327
Region 1	18.23	(15.65 - 21.12)	17.10	(14.84 - 19.61)	0.425
Region 2	19.15	(16.39 - 22.25)	18.60	(16.00 - 21.51)	0.704
Region 3	18.06	(15.62 - 20.79)	16.22	(14.16 - 18.52)	0.142
Region 4	19.94	(16.88 - 23.39)	20.13	(16.97 - 23.70)	0.906
Region 5	19.19	(16.20 - 22.58)	18.72	(15.82 - 22.01)	0.757
Region 6	18.27	(15.49 - 21.43)	18.56	(15.77 - 21.72)	0.853
Hawaii	17.35 ^b	(15.51 - 19.36)	15.44	(13.86 - 17.16)	0.054
Hawaii Island	18.87	(15.90 - 22.26)	16.86	(14.06 - 20.07)	0.175
Honolulu	16.93 ^b	(14.89 - 19.18)	14.84	(13.06 - 16.83)	0.065
Kauai	18.06 ^b	(15.09 - 21.47)	15.50	(12.64 - 18.86)	0.087
Maui	17.87	(15.07 - 21.07)	17.49	(14.53 - 20.89)	0.788
Idaho	20.77	(18.88 - 22.79)	21.64	(19.90 - 23.49)	0.369
Region 1	20.09	(17.17 - 23.36)	20.82	(17.56 - 24.51)	0.660
Region 2	21.99	(18.66 - 25.74)	20.38	(17.02 - 24.20)	0.340
Region 3	21.56	(18.46 - 25.01)	21.83	(18.69 - 25.34)	0.864
Region 4	20.35	(17.71 - 23.27)	22.83	(20.08 - 25.83)	0.102
Region 5	20.38	(17.44 - 23.67)	20.83	(17.67 - 24.38)	0.775
Region 6	21.35	(18.28 - 24.79)	21.83	(18.40 - 25.71)	0.760
Region 7	20.81	(18.01 - 23.91)	21.08	(18.05 - 24.48)	0.855
Illinois	16.36	(15.28 - 17.51)	15.89	(14.80 - 17.04)	0.438
Region 1 (Cook)	16.19	(14.61 - 17.90)	15.00	(13.66 - 16.45)	0.142
Region 1.1 (Far North Side)	--	(-- --)	17.57	(14.67 - 20.89)	--
Region 1.2 (Northwest Side)	--	(-- --)	16.07	(13.26 - 19.35)	--
Region 1.3 (North Central Side)	--	(-- --)	19.80	(16.63 - 23.41)	--
Region 1.4 (West Side)	--	(-- --)	16.23	(13.54 - 19.34)	--
Region 1.5 (South Side)	--	(-- --)	15.00	(12.40 - 18.03)	--
Region 1.6 (Southwest Side)	--	(-- --)	14.77	(12.23 - 17.71)	--
Region 1.7 (Suburban Cook)	--	(-- --)	13.21	(11.43 - 15.21)	--
Region 2	15.90	(14.37 - 17.56)	15.67	(14.27 - 17.18)	0.777
Region 2a (DuPage)	--	(-- --)	15.51	(13.19 - 18.15)	--
Region 2b	--	(-- --)	14.91	(13.05 - 16.99)	--
Region 2c (Winnebago)	--	(-- --)	17.90	(14.91 - 21.35)	--
Region 2d	--	(-- --)	17.41	(14.68 - 20.51)	--
Region 3	17.16	(15.07 - 19.48)	18.25	(16.02 - 20.71)	0.348
Region 3a (Champaign)	--	(-- --)	18.87	(16.09 - 22.01)	--
Region 3b	--	(-- --)	18.14	(15.65 - 20.93)	--
Region 4	17.77	(15.46 - 20.34)	16.93	(14.74 - 19.38)	0.480
Region 4a (Sangamon)	--	(-- --)	17.45	(14.48 - 20.87)	--
Region 4b	--	(-- --)	16.79	(14.22 - 19.71)	--
Region 5	16.59	(14.44 - 18.98)	16.80	(14.74 - 19.07)	0.854
Region 5a	--	(-- --)	17.06	(14.25 - 20.28)	--
Region 5b	--	(-- --)	16.59	(13.95 - 19.62)	--

See notes at end of table.

(continued)

Table 10 Any Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Indiana	20.12	(18.27 - 22.12)	20.06	(18.36 - 21.87)	0.948
Central	20.18	(17.50 - 23.15)	18.32	(15.75 - 21.21)	0.209
East	21.56	(18.37 - 25.14)	19.96	(16.69 - 23.68)	0.323
North Central	20.09	(17.17 - 23.37)	20.52	(17.54 - 23.86)	0.781
Northeast	19.33	(16.52 - 22.50)	20.41	(17.19 - 24.06)	0.472
Northwest	18.68	(15.81 - 21.95)	19.53	(16.28 - 23.25)	0.596
Southeast	20.45	(17.35 - 23.95)	21.87	(18.42 - 25.76)	0.381
Southwest	20.28	(17.24 - 23.70)	20.60	(17.21 - 24.45)	0.846
West	20.65	(17.74 - 23.90)	21.73	(18.47 - 25.38)	0.497
Iowa	17.40	(15.61 - 19.35)	17.47	(15.94 - 19.12)	0.934
Central	16.48	(13.97 - 19.34)	17.69	(15.08 - 20.65)	0.368
North Central	17.38	(14.70 - 20.44)	17.63	(15.01 - 20.58)	0.856
Northeast	17.65	(15.17 - 20.44)	17.94	(15.40 - 20.80)	0.828
Northwest	16.32	(13.54 - 19.54)	16.00	(13.40 - 19.00)	0.829
Southeast	18.60	(15.97 - 21.55)	17.86	(15.28 - 20.78)	0.600
Southwest	17.51	(14.79 - 20.62)	17.16	(14.28 - 20.49)	0.809
Kansas	17.61	(15.80 - 19.57)	17.82	(16.11 - 19.67)	0.823
Northeast	--	(-- --)	18.41	(16.21 - 20.84)	--
Northwest and North Central	--	(-- --)	17.39	(14.23 - 21.08)	--
South Central	--	(-- --)	17.01	(14.49 - 19.88)	--
Southeast	--	(-- --)	18.46	(15.18 - 22.26)	--
Southwest	--	(-- --)	16.42	(13.37 - 19.99)	--
Kentucky¹	19.69	(17.80 - 21.71)	21.21	(19.38 - 23.17)	0.134
Adanta, Cumberland River, and Lifeskills	20.63	(17.74 - 23.87)	21.72	(18.52 - 25.30)	0.509
Bluegrass, Comprehend, and North Key	19.64	(17.12 - 22.43)	21.20	(18.44 - 24.24)	0.283
Centerstone	18.74	(15.98 - 21.85)	20.33	(17.40 - 23.62)	0.286
Communicare and River Valley	19.02	(16.06 - 22.37)	19.66	(16.33 - 23.48)	0.699
Four Rivers and Pennyroyal	19.46	(16.48 - 22.82)	21.13	(17.66 - 25.07)	0.303
Kentucky River, Mountain, and Pathways	21.09	(17.87 - 24.71)	23.85	(20.12 - 28.04)	0.145
Louisiana	19.55 ^a	(17.73 - 21.52)	17.72	(16.07 - 19.51)	0.050
Regions 1 and 10	18.95	(16.59 - 21.57)	18.08	(15.59 - 20.87)	0.477
Region 1	19.28	(16.35 - 22.60)	17.94	(14.87 - 21.49)	0.364
Region 10 (Jefferson)	18.61	(15.76 - 21.83)	18.23	(15.06 - 21.90)	0.809
Regions 2 and 9	19.70 ^b	(17.07 - 22.63)	17.36	(14.92 - 20.10)	0.077
Region 3	18.88 ^b	(16.07 - 22.04)	16.52	(13.74 - 19.73)	0.099
Regions 4, 5, and 6	20.39	(17.67 - 23.42)	18.44	(15.74 - 21.49)	0.196
Regions 7 and 8	19.16	(16.47 - 22.16)	17.44	(14.73 - 20.53)	0.227

See notes at end of table.

(continued)

Table 10 Any Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Maine	21.30 ^a	(19.26 - 23.50)	18.64	(16.98 - 20.42)	0.008
Aroostook/Downeast	20.98	(18.18 - 24.09)	18.63	(16.01 - 21.58)	0.106
Aroostook	20.66	(17.30 - 24.49)	18.03	(14.89 - 21.67)	0.136
Downeast	21.24	(17.81 - 25.12)	19.12	(15.62 - 23.18)	0.247
Central	22.29 ^b	(19.10 - 25.85)	19.25	(16.07 - 22.89)	0.071
Cumberland	21.54 ^a	(18.59 - 24.82)	17.88	(15.20 - 20.91)	0.017
Midcoast	20.67	(17.54 - 24.18)	18.22	(15.18 - 21.72)	0.129
Penquis	21.92 ^b	(18.76 - 25.43)	18.89	(15.84 - 22.36)	0.058
Western	20.85	(17.80 - 24.27)	19.82	(16.80 - 23.24)	0.518
York	20.74	(17.62 - 24.26)	18.15	(15.22 - 21.50)	0.106
Maryland	16.80	(15.02 - 18.73)	16.74	(15.19 - 18.41)	0.948
Anne Arundel	16.57	(13.94 - 19.58)	17.59	(14.71 - 20.89)	0.461
Baltimore City	18.02	(15.15 - 21.29)	17.83	(14.91 - 21.19)	0.900
Baltimore County	17.14	(14.48 - 20.17)	17.52	(14.67 - 20.79)	0.780
Montgomery	16.23	(13.73 - 19.09)	15.72	(13.23 - 18.58)	0.689
North Central	16.38	(13.70 - 19.47)	17.44	(14.43 - 20.92)	0.469
Northeast	17.90	(15.00 - 21.22)	18.81	(15.65 - 22.44)	0.572
Prince George's	15.89 ^b	(13.38 - 18.76)	13.80	(11.50 - 16.49)	0.080
South	16.31	(13.62 - 19.41)	16.77	(14.02 - 19.94)	0.736
West	17.49	(14.77 - 20.58)	17.57	(14.64 - 20.93)	0.958
Massachusetts	19.09	(17.22 - 21.12)	19.31	(17.57 - 21.18)	0.821
Boston	20.93	(17.94 - 24.27)	22.93	(19.53 - 26.72)	0.194
Central	18.53	(15.72 - 21.73)	18.81	(15.86 - 22.17)	0.852
Metrowest	17.72	(15.11 - 20.66)	17.01	(14.39 - 20.00)	0.610
Northeast	19.73	(16.92 - 22.89)	19.74	(16.90 - 22.92)	0.998
Southeast	19.09	(16.25 - 22.31)	19.11	(16.18 - 22.42)	0.993
Western	19.30	(16.53 - 22.41)	19.99	(16.77 - 23.65)	0.663
Michigan	19.58 ^a	(18.43 - 20.78)	17.70	(16.54 - 18.92)	0.004
Region 1	20.72 ^b	(17.86 - 23.91)	17.72	(14.88 - 20.96)	0.054
Region 2	19.39	(16.73 - 22.37)	17.00	(14.22 - 20.19)	0.102
Region 3	19.49	(17.40 - 21.77)	19.57	(17.10 - 22.31)	0.947
Region 4	19.81	(17.49 - 22.35)	18.05	(15.63 - 20.76)	0.193
Region 5	20.57 ^b	(18.56 - 22.75)	18.51	(16.48 - 20.74)	0.065
Region 6	18.08	(15.84 - 20.57)	17.21	(14.76 - 19.97)	0.476
Region 7	19.54 ^a	(17.39 - 21.87)	16.31	(14.12 - 18.76)	0.007
Region 8	18.98 ^a	(16.73 - 21.45)	16.42	(14.20 - 18.92)	0.043
Region 9	19.04	(16.65 - 21.68)	17.54	(14.91 - 20.52)	0.256
Region 10	20.21	(17.74 - 22.93)	19.10	(16.38 - 22.15)	0.438

See notes at end of table.

(continued)

Table 10 Any Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Minnesota	18.46	(16.65 - 20.42)	18.96	(17.34 - 20.69)	0.586
Regions 1 and 2	18.97	(16.04 - 22.29)	19.10	(16.45 - 22.07)	0.920
Region 1	--	(-- --)	18.16	(14.92 - 21.91)	--
Region 2	--	(-- --)	19.67	(16.35 - 23.46)	--
Regions 3 and 4	18.82	(16.16 - 21.80)	18.03	(15.70 - 20.61)	0.543
Region 3	--	(-- --)	19.12	(15.77 - 22.98)	--
Region 4	--	(-- --)	17.43	(14.69 - 20.56)	--
Regions 5 and 6	18.62	(15.89 - 21.71)	18.54	(16.16 - 21.19)	0.948
Region 5	--	(-- --)	18.73	(15.74 - 22.13)	--
Region 6	--	(-- --)	18.35	(15.24 - 21.94)	--
Region 7	--	(-- --)	19.36	(17.44 - 21.45)	--
Region 7A (Hennepin)	18.59	(15.98 - 21.52)	19.31	(16.61 - 22.32)	0.612
Region 7B (Ramsey)	19.40	(16.55 - 22.62)	20.89	(17.68 - 24.52)	0.337
Region 7C	17.25	(14.78 - 20.04)	18.74	(16.10 - 21.69)	0.278
Mississippi	19.19	(17.24 - 21.32)	18.09	(16.43 - 19.88)	0.252
Region 1	20.28	(17.40 - 23.50)	18.48	(15.78 - 21.51)	0.216
Region 2	18.89	(16.00 - 22.17)	16.67	(13.84 - 19.94)	0.124
Region 3	19.11	(16.25 - 22.34)	18.44	(15.44 - 21.86)	0.675
Region 4	17.45	(14.82 - 20.43)	16.82	(14.09 - 19.96)	0.649
Region 5	19.97	(16.79 - 23.57)	18.38	(15.03 - 22.29)	0.342
Region 6	19.01	(16.20 - 22.18)	19.37	(16.34 - 22.81)	0.814
Region 7	19.79	(16.67 - 23.34)	18.82	(15.76 - 22.31)	0.555
Missouri	19.09	(17.25 - 21.07)	18.32	(16.71 - 20.05)	0.425
Central	18.97	(16.27 - 22.00)	17.17	(14.50 - 20.23)	0.207
Eastern	17.94	(15.73 - 20.38)	17.59	(15.48 - 19.92)	0.776
Eastern (St. Louis City and County)	18.33	(15.68 - 21.30)	17.61	(15.03 - 20.53)	0.615
Eastern (excluding St. Louis)	17.26	(14.51 - 20.40)	17.56	(14.69 - 20.86)	0.846
Northwest	18.76	(16.46 - 21.31)	18.97	(16.57 - 21.63)	0.872
Northwest (Jackson)	18.90	(16.06 - 22.11)	18.59	(15.56 - 22.05)	0.839
Northwest (excluding Jackson)	18.65	(15.82 - 21.85)	19.30	(16.19 - 22.83)	0.685
Southeast	20.69	(17.61 - 24.15)	19.07	(15.93 - 22.65)	0.335
Southwest	21.03	(17.98 - 24.44)	19.38	(16.39 - 22.77)	0.304
Montana	19.28	(17.34 - 21.38)	19.95	(18.22 - 21.80)	0.506
Region 1	18.50	(15.42 - 22.04)	18.26	(15.00 - 22.06)	0.882
Region 2	19.12	(16.26 - 22.36)	19.95	(16.94 - 23.35)	0.598
Region 3	19.70	(16.97 - 22.75)	18.56	(15.81 - 21.67)	0.430
Region 4	18.57	(15.95 - 21.51)	20.33	(17.69 - 23.26)	0.208
Region 5	19.87	(17.24 - 22.80)	20.98	(18.25 - 23.99)	0.462

See notes at end of table.

(continued)

Table 10 Any Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Nebraska	17.75	(15.88 - 19.79)	18.51	(16.77 - 20.38)	0.445
Regions 1 and 2	17.97	(15.44 - 20.81)	17.07	(14.52 - 19.97)	0.477
Region 1	18.19	(15.14 - 21.69)	17.07	(13.92 - 20.76)	0.484
Region 2	17.77	(14.82 - 21.16)	17.07	(13.90 - 20.79)	0.648
Region 3	17.71	(14.82 - 21.03)	17.79	(14.91 - 21.09)	0.958
Region 4	17.70	(14.82 - 21.01)	16.11	(13.23 - 19.47)	0.275
Region 5	18.43	(15.88 - 21.27)	19.30	(16.60 - 22.32)	0.542
Region 6	17.32	(14.99 - 19.92)	19.23	(16.79 - 21.93)	0.155
Nevada	18.30	(16.33 - 20.46)	18.05	(16.26 - 19.99)	0.807
Clark – Region 1	18.11	(15.89 - 20.55)	17.62	(15.55 - 19.91)	0.685
Region 3	18.98	(16.28 - 22.00)	18.57	(15.76 - 21.76)	0.766
Capital District	18.37	(15.23 - 21.99)	17.93	(14.40 - 22.10)	0.788
Rural/Frontier	19.53	(16.25 - 23.30)	19.16	(15.74 - 23.11)	0.824
Washoe – Region 2	18.66	(15.94 - 21.71)	19.60	(16.51 - 23.11)	0.527
New Hampshire	20.54	(18.61 - 22.61)	21.07	(19.25 - 23.01)	0.590
Central	21.28	(18.82 - 23.97)	21.30	(18.78 - 24.04)	0.993
Central 1	20.61	(17.64 - 23.93)	21.70	(18.48 - 25.31)	0.476
Central 2	21.95	(18.91 - 25.32)	20.89	(17.79 - 24.38)	0.520
Northern	20.99	(17.71 - 24.69)	20.66	(17.42 - 24.33)	0.841
Southern	20.07	(17.96 - 22.37)	21.05	(18.89 - 23.39)	0.377
Southern 1 (Rockingham)	19.44	(16.71 - 22.50)	20.72	(17.65 - 24.17)	0.376
Southern 2	20.47	(17.96 - 23.22)	21.25	(18.62 - 24.14)	0.556
New Jersey	15.83	(14.09 - 17.74)	15.91	(14.55 - 17.36)	0.935
Central	16.23	(13.78 - 19.01)	15.76	(13.58 - 18.20)	0.701
Metropolitan	14.92	(12.67 - 17.48)	15.44	(13.17 - 18.02)	0.671
Northern	15.75	(13.41 - 18.40)	15.40	(13.42 - 17.62)	0.775
Southern	16.59	(14.10 - 19.43)	17.40	(14.94 - 20.17)	0.544
New Mexico	19.54	(17.60 - 21.65)	19.55	(17.76 - 21.48)	0.992
Region 1	19.63	(16.85 - 22.74)	19.95	(16.95 - 23.34)	0.838
Region 2	18.88	(15.90 - 22.27)	16.95	(13.95 - 20.45)	0.229
Region 3 (Bernalillo)	20.24	(17.55 - 23.22)	21.14	(18.34 - 24.25)	0.558
Region 4	19.52	(16.73 - 22.64)	19.98	(16.83 - 23.56)	0.760
Region 5	18.80	(15.93 - 22.04)	18.16	(15.74 - 20.85)	0.654
Region 5a	--	(-- --)	18.37	(15.29 - 21.91)	--
Region 5b (Dona Ana)	--	(-- --)	17.97	(14.94 - 21.46)	--

See notes at end of table.

(continued)

Table 10 Any Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
New York¹	18.23	(17.10 - 19.41)	17.40	(16.39 - 18.46)	0.183
Region 1: Long Island	17.22	(15.29 - 19.34)	15.89	(13.93 - 18.07)	0.233
Region 2: New York City	18.58	(17.13 - 20.12)	17.43	(16.06 - 18.88)	0.137
Region 2A: Bronx	18.46	(16.05 - 21.14)	16.45	(14.04 - 19.19)	0.125
Region 2B: Kings	--	(-- - --)	17.65	(15.33 - 20.24)	--
Region 2C: New York	20.35	(17.88 - 23.07)	20.14	(17.48 - 23.10)	0.876
Region 2D: Queens	17.13	(14.94 - 19.56)	15.69	(13.46 - 18.22)	0.250
Region 2E: Richmond	--	(-- - --)	17.40	(14.53 - 20.70)	--
Region 3: Mid-Hudson	--	(-- - --)	15.78	(13.71 - 18.09)	--
Region 4: Capital Region	--	(-- - --)	18.68	(16.05 - 21.64)	--
Region 5: Mohawk Valley	--	(-- - --)	18.97	(15.89 - 22.48)	--
Region 6: North Country	--	(-- - --)	19.39	(16.30 - 22.91)	--
Region 7: Tug Hill Seaway	--	(-- - --)	19.57	(16.60 - 22.92)	--
Region 8: Central	--	(-- - --)	19.00	(16.46 - 21.83)	--
Region 9: Southern Tier	--	(-- - --)	20.77	(17.68 - 24.24)	--
Region 10: Finger Lakes	--	(-- - --)	18.34	(15.98 - 20.96)	--
Region 11: Western	--	(-- - --)	17.80	(15.69 - 20.13)	--
North Carolina	18.44	(16.62 - 20.41)	18.72	(17.35 - 20.17)	0.766
Alliance Behavioral Healthcare 1	18.90	(16.05 - 22.11)	21.39	(18.25 - 24.90)	0.116
Alliance Behavioral Healthcare 2	16.77	(14.09 - 19.84)	17.83	(15.14 - 20.88)	0.450
Cardinal Innovations Healthcare Solutions 1	18.02	(15.08 - 21.39)	17.75	(14.84 - 21.08)	0.862
Cardinal Innovations Healthcare Solutions 2	18.81	(15.89 - 22.13)	17.67	(14.90 - 20.83)	0.472
Cardinal Innovations Healthcare Solutions 3	17.38	(14.65 - 20.49)	18.94	(16.02 - 22.25)	0.295
CenterPoint Human Services	17.88	(14.99 - 21.18)	18.07	(15.10 - 21.47)	0.904
Eastpointe	19.27	(16.24 - 22.72)	17.22	(14.53 - 20.30)	0.205
Partners Behavioral Health Management	19.16	(16.22 - 22.49)	20.29	(17.02 - 24.01)	0.491
Sandhills Center 1	18.47	(15.44 - 21.93)	18.63	(15.45 - 22.30)	0.924
Sandhills Center 2	17.48	(14.68 - 20.68)	18.59	(15.66 - 21.91)	0.463
Smoky Mountain Center 1	19.75	(16.47 - 23.51)	19.31	(16.25 - 22.78)	0.793
Smoky Mountain Center 2	19.54	(16.37 - 23.14)	18.91	(15.86 - 22.39)	0.715
Trillium Health Resources 1	18.45	(15.49 - 21.84)	17.88	(15.09 - 21.05)	0.717
Trillium Health Resources 2	18.98	(16.01 - 22.35)	19.21	(16.06 - 22.82)	0.885

See notes at end of table.

(continued)

Table 10 Any Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
North Dakota	16.45	(14.78 - 18.26)	16.94	(15.42 - 18.58)	0.556
Badlands and West Central	15.33	(13.11 - 17.84)	15.22	(13.19 - 17.49)	0.925
Badlands	--	(-- --)	17.52	(14.38 - 21.17)	--
West Central	--	(-- --)	14.54	(12.23 - 17.21)	--
Lake Region	16.55	(13.75 - 19.79)	16.26	(13.42 - 19.57)	0.844
North Central	17.06	(14.45 - 20.05)	17.90	(15.05 - 21.16)	0.530
Northeast	16.90	(14.41 - 19.72)	17.47	(14.89 - 20.38)	0.665
Northwest	16.07	(13.38 - 19.19)	17.19	(14.13 - 20.75)	0.426
South Central	16.64	(13.90 - 19.80)	16.16	(13.31 - 19.49)	0.737
Southeast	17.00	(14.71 - 19.58)	18.18	(15.86 - 20.76)	0.339
Ohio	20.05	(18.91 - 21.24)	20.16	(18.96 - 21.43)	0.868
Boards 2, 46, 55, and 68	20.56	(17.85 - 23.56)	20.37	(17.19 - 23.98)	0.903
Boards 3, 52, and 85	19.92	(17.17 - 22.99)	18.49	(15.54 - 21.85)	0.325
Boards 4 and 78	20.88	(17.92 - 24.18)	20.67	(17.43 - 24.33)	0.893
Boards 5 and 60	21.01	(18.26 - 24.05)	21.32	(17.96 - 25.11)	0.849
Boards 7, 15, 41, 79, and 84	20.37	(17.66 - 23.37)	19.86	(16.83 - 23.29)	0.735
Boards 8, 13, and 83	19.82	(17.25 - 22.68)	18.98	(16.00 - 22.37)	0.567
Board 9 (Butler)	20.42	(17.67 - 23.46)	20.29	(17.13 - 23.87)	0.932
Board 12	19.89	(17.16 - 22.94)	20.34	(17.14 - 23.97)	0.755
Boards 18 and 47	19.25	(17.07 - 21.63)	19.89	(17.37 - 22.67)	0.618
Boards 20, 32, 54, and 69	18.86	(16.17 - 21.88)	19.11	(16.12 - 22.50)	0.859
Boards 21, 39, 51, 70, and 80	19.77	(17.23 - 22.57)	20.49	(17.21 - 24.22)	0.643
Boards 22, 74, and 87	19.74	(17.12 - 22.64)	19.98	(16.92 - 23.44)	0.869
Boards 23 and 45	20.24	(17.48 - 23.33)	20.98	(17.89 - 24.44)	0.645
Board 25 (Franklin)	20.10	(17.91 - 22.49)	21.58	(18.73 - 24.74)	0.274
Boards 27, 71, and 73	22.97	(19.89 - 26.38)	21.83	(18.40 - 25.70)	0.506
Boards 28, 43, and 67	19.26	(16.76 - 22.02)	18.56	(15.72 - 21.78)	0.595
Board 31 (Hamilton)	19.48	(17.12 - 22.09)	19.64	(16.92 - 22.67)	0.908
Board 48 (Lucas)	20.35	(17.72 - 23.27)	20.80	(17.63 - 24.39)	0.750
Boards 50 and 76	19.58	(17.13 - 22.29)	19.19	(16.37 - 22.36)	0.779
Board 57 (Montgomery)	21.28	(18.54 - 24.30)	20.98	(17.79 - 24.56)	0.851
Board 77 (Summit)	19.67	(17.04 - 22.60)	19.27	(16.36 - 22.56)	0.784
Oklahoma	20.47	(18.51 - 22.58)	19.17	(17.51 - 20.94)	0.177
Central	20.67	(17.68 - 24.02)	20.37	(17.32 - 23.80)	0.839
East Central	20.26	(17.19 - 23.71)	18.65	(15.64 - 22.08)	0.304
Northeast	19.61	(16.68 - 22.91)	18.03	(15.07 - 21.43)	0.304
Northwest and Southwest	20.62	(17.43 - 24.22)	19.28	(16.27 - 22.69)	0.410
Oklahoma County	20.48	(17.64 - 23.64)	18.82	(15.96 - 22.05)	0.284
Southeast	21.55	(18.45 - 25.00)	19.85	(16.79 - 23.30)	0.300
Tulsa County	20.09	(17.26 - 23.25)	19.22	(16.36 - 22.46)	0.568

See notes at end of table.

(continued)

Table 10 Any Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Oregon	22.72	(20.67 - 24.91)	23.13	(21.28 - 25.08)	0.701
Region 1 (Multnomah)	23.17	(20.17 - 26.48)	25.54	(22.23 - 29.16)	0.150
Region 2	21.31	(18.46 - 24.47)	20.42	(17.76 - 23.37)	0.546
Region 3	23.95	(20.99 - 27.19)	24.61	(21.62 - 27.86)	0.681
Region 4	22.64	(19.33 - 26.33)	22.67	(19.42 - 26.28)	0.988
Region 5 (Central)	21.41	(18.04 - 25.20)	21.01	(17.32 - 25.26)	0.828
Region 6 (Eastern)	21.67	(18.18 - 25.62)	20.94	(17.35 - 25.05)	0.682
Pennsylvania	17.70	(16.56 - 18.90)	18.43	(17.25 - 19.68)	0.226
Region 1 (Allegheny)	18.24	(16.03 - 20.67)	19.22	(16.52 - 22.24)	0.457
Regions 3, 8, 9, and 51	19.28	(16.75 - 22.10)	18.84	(16.07 - 21.96)	0.747
Regions 4, 11, 37, and 49	16.71	(14.54 - 19.12)	17.78	(15.00 - 20.95)	0.425
Regions 5, 18, 23, 24, and 46	18.12	(15.80 - 20.69)	18.78	(16.06 - 21.85)	0.618
Regions 6, 12, 16, 31, 35, 45, and 47	17.74	(15.44 - 20.30)	18.52	(15.79 - 21.59)	0.548
Regions 7, 13, 20, and 33	16.17	(14.37 - 18.14)	16.71	(14.66 - 18.99)	0.608
Regions 10, 15, 27, 32, 43, and 44	18.51	(16.02 - 21.29)	17.46	(14.53 - 20.82)	0.448
Regions 17 and 21	18.65	(16.12 - 21.47)	19.57	(16.49 - 23.06)	0.506
Regions 19, 26, 28, and 42	17.39 ^a	(15.30 - 19.70)	20.47	(17.83 - 23.38)	0.010
Regions 22, 38, 40, 41, and 48	17.48	(15.05 - 20.20)	17.12	(14.43 - 20.20)	0.794
Regions 29 and 34	17.56	(15.08 - 20.35)	16.92	(14.22 - 20.02)	0.641
Regions 30 and 50	17.63	(15.16 - 20.41)	17.63	(14.84 - 20.82)	0.997
Region 36 (Philadelphia)	19.34	(17.07 - 21.82)	20.40	(17.67 - 23.42)	0.413
Rhode Island	21.11	(19.07 - 23.31)	20.62	(18.70 - 22.69)	0.642
Region 1: Southern Providence County	--	(-- --)	19.20	(16.10 - 22.72)	--
Region 2: Northern Providence County/Blackstone Valley	--	(-- --)	20.39	(17.18 - 24.03)	--
Region 3: Providence	--	(-- --)	24.15	(20.54 - 28.16)	--
Region 4: Kent County	--	(-- --)	19.58	(16.51 - 23.07)	--
Region 5: East Bay	--	(-- --)	21.53	(17.92 - 25.64)	--
Region 6: Newport County	--	(-- --)	20.04	(16.70 - 23.86)	--
Region 7: South County	--	(-- --)	19.37	(16.36 - 22.79)	--
South Carolina	17.72	(15.89 - 19.72)	18.00	(16.40 - 19.71)	0.779
Region 1	17.03	(14.63 - 19.73)	17.86	(15.35 - 20.68)	0.534
Region 2	17.90	(15.33 - 20.79)	18.10	(15.54 - 20.97)	0.878
Region 3	18.32	(15.53 - 21.48)	17.18	(14.53 - 20.19)	0.433
Region 4	18.00	(15.39 - 20.93)	18.59	(16.10 - 21.36)	0.679
South Dakota	16.46	(14.83 - 18.24)	17.09	(15.56 - 18.74)	0.464
Region 1	17.08	(14.72 - 19.74)	17.78	(15.31 - 20.56)	0.599
Region 2	16.87	(14.15 - 19.99)	16.46	(13.60 - 19.78)	0.786
Region 3	15.81	(13.50 - 18.44)	15.90	(13.52 - 18.61)	0.946
Region 4	15.97	(13.50 - 18.80)	16.59	(13.88 - 19.70)	0.653
Region 5	16.59	(14.34 - 19.12)	17.95	(15.47 - 20.73)	0.270

See notes at end of table.

(continued)

Table 10 Any Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014		2014-2016		P Value
	2012-2014 (Estimate)	(95% Confidence Interval)	2014-2016 (Estimate)	(95% Confidence Interval)	
Tennessee	20.29	(18.35 - 22.38)	19.63	(17.95 - 21.44)	0.501
Region 1	21.42	(18.11 - 25.15)	20.08	(16.68 - 23.97)	0.432
Region 2	20.38	(17.55 - 23.52)	20.78	(17.92 - 23.96)	0.789
Region 3	20.17	(17.27 - 23.42)	18.72	(15.78 - 22.06)	0.339
Region 4 (Davidson)	20.45	(17.42 - 23.86)	19.71	(16.44 - 23.44)	0.645
Region 5	20.64	(17.79 - 23.81)	20.36	(17.51 - 23.53)	0.854
Region 6	20.10	(17.07 - 23.51)	20.27	(16.88 - 24.14)	0.916
Region 7 (Shelby)	19.05	(16.10 - 22.40)	17.09	(14.34 - 20.25)	0.168
Texas	17.33 ^a	(16.29 - 18.42)	15.93	(15.03 - 16.88)	0.014
Region 1	19.15	(16.65 - 21.92)	17.78	(15.14 - 20.76)	0.299
Region 2	18.54	(16.02 - 21.36)	18.70	(15.69 - 22.12)	0.911
Region 3	16.43 ^a	(15.00 - 17.96)	14.82	(13.47 - 16.28)	0.038
Region 3a	15.96 ^b	(14.20 - 17.89)	14.30	(12.65 - 16.12)	0.079
Region 3bc	17.26	(15.27 - 19.44)	15.76	(13.77 - 17.98)	0.170
Region 4	19.96	(17.31 - 22.90)	17.91	(15.31 - 20.84)	0.152
Region 5	18.84 ^a	(16.14 - 21.86)	15.37	(12.85 - 18.28)	0.008
Region 6	17.06	(15.35 - 18.92)	15.96	(14.38 - 17.68)	0.242
Region 6a	17.06	(15.21 - 19.07)	15.97	(14.27 - 17.83)	0.283
Region 6bc	17.09	(14.64 - 19.86)	15.92	(13.19 - 19.09)	0.379
Region 7	17.85	(16.12 - 19.73)	18.02	(16.19 - 20.02)	0.860
Region 7a	17.48	(15.33 - 19.85)	17.80	(15.51 - 20.35)	0.780
Region 7bcd	18.50	(16.15 - 21.10)	18.41	(15.83 - 21.31)	0.949
Region 8	17.77 ^b	(15.51 - 20.27)	15.83	(13.82 - 18.08)	0.098
Region 9	17.63	(15.14 - 20.44)	16.74	(13.84 - 20.10)	0.502
Region 10	16.92	(14.50 - 19.64)	14.94	(12.43 - 17.86)	0.117
Region 11	16.68 ^a	(14.82 - 18.71)	14.21	(12.38 - 16.26)	0.010
Region 11abd	16.61 ^b	(14.31 - 19.20)	14.30	(12.04 - 16.90)	0.055
Region 11c (Hidalgo)	16.79 ^a	(14.45 - 19.43)	14.06	(11.61 - 16.92)	0.025
Utah	21.72	(19.80 - 23.78)	21.79	(20.07 - 23.61)	0.946
Bear River, Northeastern, Summit, Tooele, and Wasatch	21.54	(18.56 - 24.85)	21.50	(18.28 - 25.11)	0.980
Central, Four Corners, San Juan, and Southwest	21.78	(18.65 - 25.27)	20.71	(17.95 - 23.79)	0.481
Central, Four Corners, and San Juan	--	(-- --)	20.04	(16.64 - 23.94)	--
Southwest	--	(-- --)	21.13	(17.70 - 25.02)	--
Davis County	21.78	(18.67 - 25.25)	21.43	(18.17 - 25.10)	0.826
Salt Lake County	21.08	(18.54 - 23.86)	21.61	(19.25 - 24.18)	0.691
Utah County	23.45	(20.60 - 26.56)	23.19	(20.17 - 26.51)	0.862
Weber, Morgan	21.15	(18.17 - 24.48)	22.01	(18.70 - 25.72)	0.582
Vermont	19.99	(18.05 - 22.07)	20.89	(19.04 - 22.86)	0.369
Champlain Valley	18.72	(16.33 - 21.38)	19.99	(17.54 - 22.68)	0.333
Rural Northeast	22.28	(19.04 - 25.90)	22.81	(19.43 - 26.58)	0.759
Rural Southeast	19.37	(16.55 - 22.53)	20.34	(17.31 - 23.74)	0.535
Rural Southwest	20.59	(17.65 - 23.87)	21.07	(17.84 - 24.70)	0.768

See notes at end of table.

(continued)

Table 10 Any Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014		2014-2016		P Value
	2012-2014 (Estimate)	(95% Confidence Interval)	2014-2016 (Estimate)	(95% Confidence Interval)	
Virginia	17.94 ^b	(16.22 - 19.79)	19.62	(18.18 - 21.14)	0.073
Region 1	18.09	(15.49 - 21.01)	20.26	(17.60 - 23.20)	0.130
Region 2	16.14 ^a	(13.89 - 18.69)	19.37	(16.94 - 22.06)	0.013
Region 3	20.49	(17.65 - 23.65)	22.25	(19.31 - 25.48)	0.272
Region 4	18.51	(15.71 - 21.68)	18.41	(15.88 - 21.23)	0.944
Region 5	17.67	(15.28 - 20.34)	18.42	(16.07 - 21.03)	0.576
Washington¹	19.98	(18.09 - 22.01)	20.52	(18.78 - 22.39)	0.573
Region 1	19.78	(17.34 - 22.48)	20.48	(17.88 - 23.36)	0.591
Greater Columbia and North Central	19.76	(16.89 - 22.98)	20.29	(17.08 - 23.92)	0.731
Spokane	19.82	(16.76 - 23.28)	20.76	(17.36 - 24.62)	0.580
Region 2	20.01	(17.81 - 22.41)	20.37	(18.16 - 22.78)	0.754
King	19.72	(17.21 - 22.48)	20.02	(17.32 - 23.03)	0.824
North Sound	20.54	(17.72 - 23.67)	21.00	(17.92 - 24.44)	0.758
Region 3	20.06	(17.85 - 22.48)	20.77	(18.56 - 23.17)	0.546
Pierce	19.47	(16.70 - 22.57)	21.15	(18.15 - 24.49)	0.276
Salish	20.00	(16.82 - 23.62)	20.17	(16.73 - 24.11)	0.921
SW WA and Great Rivers	20.64	(17.50 - 24.19)	21.07	(17.52 - 25.12)	0.804
Thurston-Mason	20.32	(17.10 - 23.96)	19.87	(16.40 - 23.87)	0.796
West Virginia	21.70	(19.75 - 23.79)	20.96	(19.03 - 23.01)	0.494
Region I	21.19	(17.89 - 24.93)	20.40	(16.86 - 24.45)	0.657
Region II	21.42	(18.31 - 24.90)	19.07	(16.08 - 22.48)	0.148
Region III	22.60	(19.15 - 26.47)	20.77	(17.15 - 24.91)	0.323
Region IV	21.19	(18.39 - 24.29)	21.52	(18.55 - 24.82)	0.836
Region V	21.15	(18.44 - 24.13)	20.56	(17.58 - 23.91)	0.710
Region VI	23.18	(20.15 - 26.50)	22.66	(19.43 - 26.26)	0.772
Wisconsin	18.15	(16.34 - 20.10)	18.17	(16.49 - 19.99)	0.978
Milwaukee	18.38	(15.68 - 21.41)	18.11	(15.41 - 21.17)	0.854
Northeastern	18.69	(16.05 - 21.65)	17.26	(14.62 - 20.28)	0.326
Northern	18.00	(15.08 - 21.35)	18.63	(15.35 - 22.42)	0.695
Southeastern	17.56	(14.98 - 20.48)	18.01	(15.29 - 21.09)	0.746
Southern	18.09	(15.47 - 21.05)	18.58	(15.86 - 21.65)	0.739
Western	18.04	(15.30 - 21.14)	19.04	(16.00 - 22.50)	0.506

See notes at end of table.

(continued)

Table 10 Any Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Wyoming	19.38	(17.61 - 21.28)	19.67	(17.96 - 21.50)	0.748
Judicial District 1 (Laramie)	19.06	(16.35 - 22.10)	20.99	(17.86 - 24.50)	0.193
Judicial District 2	19.99	(17.15 - 23.16)	21.68	(18.62 - 25.09)	0.234
Judicial District 3	19.92	(17.22 - 22.93)	19.67	(16.69 - 23.04)	0.860
Judicial District 4	18.84	(15.93 - 22.15)	18.21	(14.93 - 22.03)	0.682
Judicial District 5	18.70	(15.82 - 21.98)	18.15	(15.14 - 21.60)	0.716
Judicial District 6	19.32	(16.54 - 22.43)	19.17	(16.13 - 22.62)	0.919
Judicial District 7 (Natrona)	20.03	(17.11 - 23.31)	19.62	(16.60 - 23.04)	0.779
Judicial District 8	19.57	(16.61 - 22.91)	17.60	(14.51 - 21.19)	0.225
Judicial District 9	18.80	(16.00 - 21.96)	19.91	(16.71 - 23.55)	0.453

SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2012-2014 and 2014-2016); hence, the 2012-2014 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

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 significance levels for the null hypothesis of no change between the 2012-2014 and 2014-2016 population percentages. The "Total U.S." estimates, along with the 95 percent confidence intervals and the *p* values, are based on design-based (direct) estimation methods.

NOTE: Any mental illness (AMI) is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder, assessed by the Mental Health Surveillance Study (MHSS) *Structured Clinical Interview for the Diagnostic and Statistical Manual of Mental Disorders—Fourth Edition—Research Version—Axis I Disorders* (MHSS-SCID), which is based on the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV). For details, see Section B of the "2015-2016 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

^a Difference between the 2012-2014 and 2014-2016 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2012-2014 and 2014-2016 population percentages 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 (2012-2014 vs. 2014-2016). For details, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012-2016.

Table 11 *Had Serious Thoughts of Suicide in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Total United States	3.91	(3.76 - 4.06)	4.01	(3.88 - 4.14)	0.221
Northeast	3.83	(3.56 - 4.11)	3.98	(3.69 - 4.28)	0.335
Midwest	4.04	(3.82 - 4.28)	4.12	(3.88 - 4.37)	0.583
South	3.83	(3.61 - 4.05)	3.80	(3.58 - 4.03)	0.837
West	3.99 ^b	(3.71 - 4.28)	4.29	(3.99 - 4.60)	0.093
Alabama	3.74	(3.11 - 4.49)	3.67	(3.02 - 4.45)	0.848
Region 1	3.63	(2.78 - 4.74)	3.95	(3.03 - 5.14)	0.574
Region 2	3.91	(3.00 - 5.07)	3.57	(2.74 - 4.64)	0.518
Region 3	3.66	(2.80 - 4.78)	3.63	(2.76 - 4.77)	0.959
Region 4	3.70	(2.81 - 4.86)	3.48	(2.66 - 4.54)	0.675
Alaska	4.24 ^b	(3.57 - 5.03)	4.97	(4.18 - 5.89)	0.089
Anchorage	4.24	(3.34 - 5.36)	5.06	(4.08 - 6.26)	0.160
Northern	4.44	(3.47 - 5.66)	5.30	(4.13 - 6.78)	0.188
South Central	4.08	(3.14 - 5.28)	4.55	(3.57 - 5.78)	0.451
Southeast	4.21	(3.18 - 5.56)	4.94	(3.75 - 6.47)	0.316
Arizona¹	4.15	(3.44 - 5.00)	4.14	(3.44 - 4.97)	0.984
Central	3.96	(3.10 - 5.03)	4.10	(3.32 - 5.07)	0.779
North	--	(-- --)	4.02	(2.97 - 5.42)	--
South	--	(-- --)	4.27	(3.37 - 5.40)	--
South A	4.34	(3.28 - 5.72)	4.49	(3.39 - 5.93)	0.813
South B	--	(-- --)	4.00	(3.02 - 5.27)	--
Arkansas	4.45	(3.75 - 5.27)	4.30	(3.55 - 5.20)	0.720
Catchment Area 1	4.23	(3.24 - 5.51)	4.33	(3.26 - 5.74)	0.878
Catchment Area 2	4.97	(3.67 - 6.70)	4.33	(3.25 - 5.75)	0.393
Catchment Area 3	4.44	(3.33 - 5.91)	4.23	(3.23 - 5.53)	0.768
Catchment Area 4	4.63	(3.46 - 6.16)	4.43	(3.30 - 5.90)	0.794
Catchment Area 5	4.46	(3.37 - 5.89)	4.65	(3.54 - 6.09)	0.804
Catchment Area 6	4.21	(3.13 - 5.65)	3.80	(2.85 - 5.06)	0.542
Catchment Area 7	4.61	(3.40 - 6.23)	4.01	(2.95 - 5.43)	0.418
Catchment Area 8	4.24	(3.20 - 5.60)	4.26	(3.20 - 5.65)	0.983

See notes at end of table.

(continued)

Table 11 *Had Serious Thoughts of Suicide in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
California	3.76	(3.36 - 4.22)	3.96	(3.57 - 4.40)	0.439
Region 1R	4.34	(3.35 - 5.61)	4.59	(3.62 - 5.81)	0.698
Region 2R	4.13	(3.18 - 5.35)	4.34	(3.42 - 5.49)	0.715
Region 3R (Sacramento)	4.10	(3.19 - 5.26)	3.99	(3.17 - 5.01)	0.839
Region 4R	3.72	(2.90 - 4.75)	4.10	(3.22 - 5.21)	0.500
Region 5R (San Francisco)	4.00	(3.02 - 5.29)	4.59	(3.53 - 5.95)	0.359
Region 6 (Santa Clara)	3.41	(2.65 - 4.38)	3.69	(2.92 - 4.64)	0.555
Region 7R (Contra Costa)	3.46	(2.70 - 4.44)	3.91	(3.10 - 4.93)	0.372
Region 8R (Alameda)	3.80	(2.95 - 4.90)	4.08	(3.20 - 5.19)	0.630
Region 9R (San Mateo)	3.41	(2.59 - 4.47)	3.57	(2.76 - 4.62)	0.750
Region 10	3.69	(2.89 - 4.71)	4.61	(3.63 - 5.85)	0.108
Region 11 (Los Angeles)	3.67	(3.19 - 4.22)	3.83	(3.37 - 4.36)	0.590
LA SPA 1 and 5	3.90	(3.04 - 4.98)	4.20	(3.32 - 5.30)	0.591
LA SPA 2	3.84	(3.00 - 4.90)	3.92	(3.13 - 4.89)	0.882
LA SPA 3	3.37	(2.64 - 4.31)	3.32	(2.61 - 4.23)	0.916
LA SPA 4	4.08	(3.16 - 5.26)	4.60	(3.58 - 5.90)	0.399
LA SPA 6	3.44	(2.72 - 4.34)	3.87	(3.06 - 4.88)	0.389
LA SPA 7	3.36	(2.64 - 4.27)	3.46	(2.74 - 4.36)	0.826
LA SPA 8	3.69	(2.89 - 4.72)	3.73	(2.95 - 4.70)	0.947
Region 12R	4.22	(3.24 - 5.46)	4.38	(3.44 - 5.57)	0.784
Regions 13 and 19R	3.77	(2.96 - 4.80)	3.82	(3.09 - 4.71)	0.932
Region 14 (Orange)	3.50	(2.78 - 4.39)	3.78	(3.04 - 4.70)	0.528
Region 15R (Fresno)	4.10	(3.21 - 5.23)	4.35	(3.40 - 5.55)	0.685
Region 16R (San Diego)	3.83	(3.07 - 4.77)	3.88	(3.12 - 4.81)	0.925
Region 17R	3.79	(2.97 - 4.83)	4.12	(3.34 - 5.09)	0.522
Region 18R (San Bernardino)	3.96	(3.12 - 5.02)	3.53	(2.80 - 4.43)	0.395
Region 20R	3.85	(3.01 - 4.92)	4.23	(3.28 - 5.45)	0.525
Region 21R	3.80	(2.99 - 4.82)	4.17	(3.30 - 5.25)	0.498
Colorado	4.01 ^b	(3.34 - 4.81)	4.84	(4.02 - 5.81)	0.055
Region 1	--	(-- --)	4.91	(3.71 - 6.45)	--
Region 2	--	(-- --)	5.07	(3.76 - 6.80)	--
Region 3	--	(-- --)	4.68	(3.62 - 6.02)	--
Region 4	--	(-- --)	4.60	(3.41 - 6.17)	--
Region 5	--	(-- --)	4.96	(3.77 - 6.50)	--
Region 6	--	(-- --)	4.87	(3.72 - 6.36)	--
Region 7	--	(-- --)	4.89	(3.71 - 6.42)	--
Connecticut	3.55	(2.96 - 4.26)	3.62	(2.98 - 4.40)	0.850
Eastern	4.01	(3.09 - 5.19)	4.42	(3.40 - 5.74)	0.519
North Central	3.59	(2.74 - 4.70)	3.35	(2.58 - 4.34)	0.635
Northwestern	3.42	(2.55 - 4.58)	3.65	(2.73 - 4.86)	0.697
South Central	3.61	(2.76 - 4.71)	3.65	(2.76 - 4.81)	0.942
Southwest	3.23	(2.40 - 4.33)	3.45	(2.58 - 4.60)	0.687

See notes at end of table.

(continued)

Table 11 *Had Serious Thoughts of Suicide in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Delaware	3.85	(3.22 - 4.60)	4.14	(3.43 - 4.98)	0.476
Kent	4.16	(3.17 - 5.43)	4.25	(3.20 - 5.62)	0.886
New Castle (excluding Wilmington City)	3.83	(3.03 - 4.84)	4.24	(3.37 - 5.34)	0.457
Sussex	3.74	(2.79 - 5.00)	3.88	(2.95 - 5.10)	0.818
Wilmington City	3.57	(2.69 - 4.73)	3.95	(2.94 - 5.27)	0.539
District of Columbia	4.10	(3.46 - 4.84)	4.22	(3.53 - 5.04)	0.741
Ward 1	4.29	(3.27 - 5.60)	4.47	(3.40 - 5.85)	0.770
Ward 2	5.28	(4.12 - 6.74)	5.55	(4.32 - 7.10)	0.700
Ward 3	4.22	(3.24 - 5.48)	4.77	(3.64 - 6.22)	0.410
Ward 4	3.50	(2.57 - 4.76)	3.59	(2.69 - 4.77)	0.878
Ward 5	3.48	(2.63 - 4.59)	3.76	(2.87 - 4.92)	0.615
Ward 6	4.64	(3.49 - 6.16)	4.36	(3.32 - 5.70)	0.671
Ward 7	3.39	(2.49 - 4.61)	3.26	(2.47 - 4.29)	0.809
Ward 8	3.64	(2.75 - 4.80)	3.67	(2.78 - 4.85)	0.950
Florida	3.48	(3.07 - 3.95)	3.31	(2.90 - 3.77)	0.458
Broward (Circuit 17)	3.17	(2.44 - 4.10)	3.05	(2.38 - 3.91)	0.802
Central I	3.74	(3.09 - 4.52)	3.32	(2.74 - 4.01)	0.245
Circuit 9	3.75	(2.99 - 4.71)	3.28	(2.60 - 4.14)	0.294
Circuit 18	3.72	(2.83 - 4.89)	3.36	(2.59 - 4.36)	0.491
Central II	3.55	(3.02 - 4.17)	3.36	(2.86 - 3.94)	0.510
Circuit 6	3.52	(2.71 - 4.56)	3.35	(2.60 - 4.31)	0.746
Circuit 10	3.88	(2.91 - 5.16)	3.57	(2.73 - 4.66)	0.594
Circuit 12	3.40	(2.52 - 4.56)	3.32	(2.49 - 4.41)	0.886
Circuit 13 (Hillsborough)	3.55	(2.74 - 4.58)	3.37	(2.68 - 4.24)	0.710
Circuit 20	3.50	(2.65 - 4.61)	3.24	(2.46 - 4.24)	0.608
Northeast	3.71	(3.13 - 4.40)	3.50	(2.94 - 4.16)	0.535
Circuit 4	3.63	(2.82 - 4.65)	3.56	(2.76 - 4.58)	0.893
Circuit 5	3.48	(2.60 - 4.65)	3.18	(2.41 - 4.19)	0.582
Circuit 7	3.75	(2.80 - 5.00)	3.44	(2.63 - 4.48)	0.576
Circuit 8 plus Columbia, Dixie, Hamilton, Lafayette, and Suwannee	4.28	(3.33 - 5.49)	4.12	(3.21 - 5.27)	0.784
Northwest	4.07	(3.36 - 4.92)	3.98	(3.33 - 4.75)	0.819
Circuit 1	4.09	(3.10 - 5.39)	3.88	(3.02 - 4.98)	0.710
Circuit 2 plus Madison and Taylor	4.12	(3.22 - 5.25)	4.34	(3.42 - 5.48)	0.697
Circuit 14	3.95	(2.96 - 5.27)	3.68	(2.79 - 4.82)	0.654
South (Circuits 11 and 16)	2.87	(2.25 - 3.67)	2.87	(2.27 - 3.61)	0.987
Southeast	3.23	(2.60 - 4.01)	3.17	(2.55 - 3.93)	0.868
Circuit 15 (Palm Beach)	3.14	(2.41 - 4.10)	3.13	(2.40 - 4.06)	0.972
Circuit 19	3.43	(2.58 - 4.56)	3.26	(2.47 - 4.29)	0.737

See notes at end of table.

(continued)

Table 11 *Had Serious Thoughts of Suicide in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Georgia	3.91	(3.27 - 4.67)	4.09	(3.45 - 4.83)	0.650
Region 1	3.81	(2.89 - 5.01)	4.14	(3.26 - 5.24)	0.600
Region 2	4.31	(3.29 - 5.63)	4.53	(3.49 - 5.87)	0.736
Region 3	3.69	(2.84 - 4.77)	3.77	(2.96 - 4.80)	0.871
Region 4	4.09	(3.09 - 5.39)	4.33	(3.35 - 5.59)	0.704
Region 5	4.29	(3.22 - 5.69)	4.41	(3.37 - 5.76)	0.852
Region 6	3.80	(2.87 - 5.03)	3.87	(2.97 - 5.04)	0.903
Hawaii	3.90	(3.19 - 4.76)	3.88	(3.17 - 4.74)	0.971
Hawaii Island	4.77 ^b	(3.51 - 6.43)	3.57	(2.69 - 4.74)	0.070
Honolulu	3.60	(2.83 - 4.58)	3.90	(3.11 - 4.89)	0.526
Kauai	4.23	(3.04 - 5.85)	3.67	(2.69 - 5.00)	0.404
Maui	4.58	(3.35 - 6.21)	4.21	(3.12 - 5.65)	0.562
Idaho	4.29	(3.63 - 5.07)	4.78	(4.04 - 5.65)	0.247
Region 1	4.37	(3.27 - 5.82)	4.57	(3.47 - 5.99)	0.786
Region 2	4.72	(3.57 - 6.23)	4.51	(3.41 - 5.94)	0.765
Region 3	4.66	(3.49 - 6.20)	5.21	(3.99 - 6.79)	0.461
Region 4	3.76 ^b	(2.92 - 4.82)	4.83	(3.80 - 6.13)	0.076
Region 5	4.46	(3.32 - 5.97)	4.34	(3.31 - 5.66)	0.855
Region 6	4.59	(3.46 - 6.06)	4.87	(3.73 - 6.33)	0.714
Region 7	4.39	(3.39 - 5.67)	4.85	(3.79 - 6.19)	0.492
Illinois	3.55	(3.14 - 4.03)	3.92	(3.43 - 4.49)	0.161
Region 1 (Cook)	3.28	(2.71 - 3.96)	3.84	(3.26 - 4.51)	0.102
Region 1.1 (Far North Side)	--	(-- --)	4.57	(3.48 - 5.98)	--
Region 1.2 (Northwest Side)	--	(-- --)	4.12	(3.09 - 5.46)	--
Region 1.3 (North Central Side)	--	(-- --)	5.00	(3.84 - 6.49)	--
Region 1.4 (West Side)	--	(-- --)	4.17	(3.23 - 5.37)	--
Region 1.5 (South Side)	--	(-- --)	3.71	(2.81 - 4.89)	--
Region 1.6 (Southwest Side)	--	(-- --)	3.61	(2.75 - 4.73)	--
Region 1.7 (Suburban Cook)	--	(-- --)	3.43	(2.72 - 4.32)	--
Region 2	3.46	(2.87 - 4.17)	3.68	(3.11 - 4.34)	0.536
Region 2a (DuPage)	--	(-- --)	3.55	(2.77 - 4.54)	--
Region 2b	--	(-- --)	3.45	(2.75 - 4.32)	--
Region 2c (Winnebago)	--	(-- --)	4.88	(3.62 - 6.53)	--
Region 2d	--	(-- --)	4.09	(3.22 - 5.17)	--
Region 3	3.87	(3.13 - 4.79)	4.55	(3.72 - 5.57)	0.163
Region 3a (Champaign)	--	(-- --)	5.03	(3.95 - 6.39)	--
Region 3b	--	(-- --)	4.47	(3.56 - 5.61)	--
Region 4	4.19	(3.25 - 5.39)	4.28	(3.45 - 5.31)	0.875
Region 4a (Sangamon)	--	(-- --)	4.39	(3.31 - 5.82)	--
Region 4b	--	(-- --)	4.25	(3.32 - 5.42)	--
Region 5	4.18	(3.28 - 5.33)	4.07	(3.32 - 4.99)	0.835
Region 5a	--	(-- --)	4.01	(3.06 - 5.23)	--
Region 5b	--	(-- --)	4.13	(3.22 - 5.29)	--

See notes at end of table.

(continued)

Table 11 *Had Serious Thoughts of Suicide in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Indiana	4.18	(3.53 - 4.94)	4.20	(3.52 - 5.01)	0.951
Central	3.93	(3.04 - 5.05)	3.92	(3.07 - 5.00)	1.000
East	4.30	(3.26 - 5.66)	4.26	(3.22 - 5.63)	0.955
North Central	4.16	(3.19 - 5.40)	4.33	(3.28 - 5.68)	0.792
Northeast	4.03	(3.03 - 5.35)	4.23	(3.20 - 5.58)	0.763
Northwest	3.90	(2.95 - 5.15)	3.81	(2.90 - 4.98)	0.875
Southeast	4.26	(3.15 - 5.74)	4.30	(3.23 - 5.70)	0.962
Southwest	4.35	(3.29 - 5.73)	4.34	(3.27 - 5.74)	0.987
West	4.91	(3.86 - 6.23)	4.84	(3.75 - 6.24)	0.920
Iowa	4.12	(3.46 - 4.91)	3.91	(3.25 - 4.70)	0.597
Central	3.86	(2.92 - 5.07)	3.97	(3.00 - 5.23)	0.859
North Central	4.19	(3.25 - 5.39)	3.92	(3.03 - 5.07)	0.637
Northeast	4.15	(3.18 - 5.41)	4.09	(3.17 - 5.25)	0.917
Northwest	3.79	(2.79 - 5.12)	3.37	(2.55 - 4.44)	0.486
Southeast	4.62	(3.49 - 6.08)	4.13	(3.19 - 5.32)	0.444
Southwest	3.90	(2.93 - 5.18)	3.72	(2.78 - 4.96)	0.774
Kansas	3.77	(3.15 - 4.52)	4.31	(3.63 - 5.10)	0.175
Northeast	--	(-- --)	4.37	(3.54 - 5.37)	--
Northwest and North Central	--	(-- --)	3.96	(2.94 - 5.31)	--
South Central	--	(-- --)	4.42	(3.44 - 5.67)	--
Southeast	--	(-- --)	4.29	(3.25 - 5.66)	--
Southwest	--	(-- --)	3.69	(2.79 - 4.87)	--
Kentucky¹	4.12	(3.47 - 4.88)	4.64	(3.87 - 5.56)	0.222
Adanta, Cumberland River, and Lifeskills	4.47	(3.36 - 5.91)	4.88	(3.68 - 6.44)	0.580
Bluegrass, Comprehend, and North Key	4.20	(3.28 - 5.36)	4.94	(3.85 - 6.32)	0.251
Centerstone	3.64	(2.79 - 4.75)	4.12	(3.15 - 5.38)	0.421
Communicare and River Valley	4.07	(3.07 - 5.37)	4.40	(3.28 - 5.87)	0.649
Four Rivers and Pennyroyal	4.28	(3.19 - 5.71)	4.53	(3.41 - 5.99)	0.713
Kentucky River, Mountain, and Pathways	4.22	(3.12 - 5.69)	4.88	(3.67 - 6.46)	0.409
Louisiana	4.27	(3.59 - 5.07)	4.18	(3.45 - 5.05)	0.841
Regions 1 and 10	3.84	(3.07 - 4.79)	4.08	(3.16 - 5.24)	0.645
Region 1	3.94	(2.98 - 5.20)	4.03	(2.99 - 5.42)	0.891
Region 10 (Jefferson)	3.73	(2.80 - 4.93)	4.13	(3.02 - 5.61)	0.549
Regions 2 and 9	4.74	(3.60 - 6.21)	4.03	(3.09 - 5.24)	0.304
Region 3	4.01	(3.02 - 5.31)	4.15	(3.10 - 5.54)	0.829
Regions 4, 5, and 6	4.37	(3.34 - 5.69)	4.41	(3.35 - 5.78)	0.948
Regions 7 and 8	4.04	(3.11 - 5.22)	4.18	(3.20 - 5.44)	0.831

See notes at end of table.

(continued)

Table 11 *Had Serious Thoughts of Suicide in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Maine	4.34	(3.64 - 5.16)	3.81	(3.14 - 4.63)	0.219
Aroostook/Downeast	4.57	(3.52 - 5.92)	3.79	(2.90 - 4.94)	0.242
Aroostook	4.56	(3.32 - 6.24)	3.57	(2.63 - 4.84)	0.182
Downeast	4.57	(3.27 - 6.36)	3.97	(2.86 - 5.48)	0.477
Central	4.53	(3.37 - 6.06)	4.03	(3.00 - 5.39)	0.480
Cumberland	4.23	(3.19 - 5.60)	3.93	(2.95 - 5.23)	0.651
Midcoast	4.06	(2.99 - 5.47)	3.47	(2.55 - 4.69)	0.341
Penquis	4.76	(3.59 - 6.27)	3.92	(2.96 - 5.17)	0.224
Western	4.45	(3.34 - 5.91)	3.78	(2.85 - 5.00)	0.322
York	3.88	(2.90 - 5.17)	3.66	(2.73 - 4.90)	0.731
Maryland	3.57	(3.03 - 4.22)	3.88	(3.24 - 4.64)	0.358
Anne Arundel	3.72	(2.78 - 4.95)	4.09	(3.09 - 5.40)	0.527
Baltimore City	3.81	(2.88 - 5.03)	3.99	(3.05 - 5.20)	0.763
Baltimore County	3.60	(2.73 - 4.72)	3.98	(3.01 - 5.24)	0.496
Montgomery	3.41	(2.62 - 4.42)	3.54	(2.69 - 4.65)	0.779
North Central	3.49	(2.63 - 4.62)	3.95	(2.99 - 5.20)	0.414
Northeast	3.54	(2.66 - 4.72)	3.91	(2.94 - 5.18)	0.540
Prince George's	3.44	(2.62 - 4.49)	3.56	(2.69 - 4.68)	0.827
South	3.54	(2.69 - 4.65)	4.22	(3.19 - 5.55)	0.270
West	3.79	(2.88 - 4.97)	4.10	(3.09 - 5.42)	0.596
Massachusetts	3.96	(3.33 - 4.71)	3.98	(3.32 - 4.77)	0.955
Boston	4.49	(3.49 - 5.77)	4.62	(3.60 - 5.91)	0.835
Central	4.11	(3.08 - 5.46)	4.02	(3.03 - 5.31)	0.885
Metrowest	3.55	(2.71 - 4.65)	3.85	(2.97 - 4.99)	0.588
Northeast	3.99	(3.03 - 5.25)	3.69	(2.85 - 4.77)	0.596
Southeast	3.93	(2.98 - 5.17)	3.78	(2.87 - 4.95)	0.793
Western	4.02	(3.06 - 5.26)	4.31	(3.26 - 5.69)	0.648
Michigan	4.56 ^b	(4.06 - 5.12)	4.01	(3.51 - 4.58)	0.064
Region 1	4.98	(3.82 - 6.46)	3.94	(3.02 - 5.13)	0.108
Region 2	4.29	(3.27 - 5.62)	3.70	(2.82 - 4.85)	0.323
Region 3	4.68	(3.75 - 5.82)	4.58	(3.64 - 5.76)	0.861
Region 4	4.44	(3.50 - 5.61)	4.40	(3.45 - 5.59)	0.948
Region 5	4.97	(4.07 - 6.06)	4.36	(3.56 - 5.31)	0.241
Region 6	4.37	(3.50 - 5.44)	4.28	(3.34 - 5.46)	0.869
Region 7	4.34 ^b	(3.47 - 5.41)	3.49	(2.77 - 4.40)	0.092
Region 8	3.89	(3.08 - 4.90)	3.41	(2.69 - 4.32)	0.332
Region 9	4.76 ^b	(3.67 - 6.16)	3.82	(2.99 - 4.87)	0.098
Region 10	5.22	(4.08 - 6.66)	4.30	(3.29 - 5.59)	0.166

See notes at end of table.

(continued)

Table 11 *Had Serious Thoughts of Suicide in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Minnesota	3.99	(3.35 - 4.76)	4.20	(3.53 - 4.99)	0.594
Regions 1 and 2	4.32	(3.22 - 5.76)	4.25	(3.32 - 5.42)	0.915
Region 1	--	(-- --)	4.00	(2.98 - 5.36)	--
Region 2	--	(-- --)	4.39	(3.30 - 5.83)	--
Regions 3 and 4	4.01	(3.04 - 5.28)	4.29	(3.42 - 5.35)	0.628
Region 3	--	(-- --)	4.29	(3.21 - 5.71)	--
Region 4	--	(-- --)	4.28	(3.29 - 5.55)	--
Regions 5 and 6	4.33	(3.24 - 5.76)	4.25	(3.38 - 5.33)	0.900
Region 5	--	(-- --)	4.03	(3.07 - 5.27)	--
Region 6	--	(-- --)	4.48	(3.37 - 5.93)	--
Region 7	--	(-- --)	4.14	(3.41 - 5.03)	--
Region 7A (Hennepin)	3.85	(2.92 - 5.06)	4.30	(3.33 - 5.53)	0.449
Region 7B (Ramsey)	4.20	(3.17 - 5.54)	4.34	(3.30 - 5.68)	0.831
Region 7C	3.60	(2.75 - 4.71)	3.90	(3.01 - 5.03)	0.598
Mississippi	4.06	(3.42 - 4.80)	3.89	(3.22 - 4.69)	0.649
Region 1	4.23	(3.27 - 5.46)	3.88	(2.97 - 5.05)	0.537
Region 2	4.21	(3.13 - 5.64)	3.61	(2.70 - 4.82)	0.346
Region 3	4.16	(3.15 - 5.48)	3.96	(3.02 - 5.19)	0.761
Region 4	3.58	(2.73 - 4.67)	3.79	(2.85 - 5.03)	0.687
Region 5	4.14	(3.03 - 5.64)	3.76	(2.80 - 5.03)	0.578
Region 6	3.96	(3.00 - 5.21)	4.14	(3.16 - 5.41)	0.771
Region 7	4.19	(3.16 - 5.54)	4.03	(3.05 - 5.32)	0.814
Missouri	4.07	(3.44 - 4.81)	3.67	(3.04 - 4.44)	0.322
Central	4.23	(3.22 - 5.55)	3.94	(3.00 - 5.16)	0.655
Eastern	3.68	(2.95 - 4.60)	3.46	(2.74 - 4.35)	0.628
Eastern (St. Louis City and County)	3.71	(2.83 - 4.85)	3.48	(2.65 - 4.56)	0.685
Eastern (excluding St. Louis)	3.64	(2.76 - 4.79)	3.42	(2.57 - 4.52)	0.699
Northwest	3.94	(3.14 - 4.92)	3.60	(2.86 - 4.52)	0.485
Northwest (Jackson)	3.84	(2.89 - 5.08)	3.40	(2.57 - 4.50)	0.457
Northwest (excluding Jackson)	4.03	(3.05 - 5.30)	3.76	(2.87 - 4.92)	0.668
Southeast	4.87	(3.61 - 6.53)	3.99	(2.99 - 5.32)	0.223
Southwest	4.38	(3.31 - 5.78)	3.81	(2.89 - 5.00)	0.375
Montana	4.25	(3.56 - 5.08)	4.89	(4.10 - 5.83)	0.153
Region 1	4.21	(3.07 - 5.74)	4.34	(3.23 - 5.83)	0.852
Region 2	4.00	(3.06 - 5.20)	5.05	(3.83 - 6.63)	0.128
Region 3	4.30	(3.30 - 5.58)	4.91	(3.76 - 6.38)	0.361
Region 4	4.10	(3.13 - 5.34)	4.89	(3.83 - 6.24)	0.211
Region 5	4.49	(3.46 - 5.82)	4.95	(3.91 - 6.24)	0.495

See notes at end of table.

(continued)

Table 11 *Had Serious Thoughts of Suicide in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Nebraska	4.01	(3.36 - 4.77)	4.31	(3.57 - 5.19)	0.476
Regions 1 and 2	4.05	(3.18 - 5.13)	3.57	(2.80 - 4.55)	0.360
Region 1	4.20	(3.14 - 5.60)	3.68	(2.74 - 4.92)	0.423
Region 2	3.91	(2.88 - 5.29)	3.48	(2.62 - 4.62)	0.488
Region 3	3.92	(2.98 - 5.14)	4.06	(3.08 - 5.33)	0.828
Region 4	3.86	(2.90 - 5.13)	3.54	(2.65 - 4.70)	0.589
Region 5	4.09	(3.19 - 5.24)	4.19	(3.19 - 5.48)	0.876
Region 6	4.01	(3.15 - 5.09)	4.83	(3.80 - 6.11)	0.182
Nevada	4.15	(3.42 - 5.03)	4.49	(3.67 - 5.48)	0.457
Clark – Region 1	4.14	(3.28 - 5.20)	4.34	(3.43 - 5.47)	0.709
Region 3	4.09	(3.22 - 5.17)	4.15	(3.21 - 5.34)	0.906
Capital District	3.98	(2.92 - 5.39)	4.19	(3.04 - 5.75)	0.751
Rural/Frontier	4.19	(3.14 - 5.57)	4.11	(3.06 - 5.52)	0.910
Washoe – Region 2	4.26 ^b	(3.29 - 5.49)	5.44	(4.10 - 7.18)	0.075
New Hampshire	4.19 ^a	(3.53 - 4.98)	5.23	(4.35 - 6.27)	0.017
Central	4.34 ^a	(3.50 - 5.38)	5.54	(4.46 - 6.87)	0.034
Central 1	4.23 ^b	(3.26 - 5.48)	5.45	(4.22 - 7.00)	0.073
Central 2	4.46	(3.38 - 5.85)	5.64	(4.29 - 7.39)	0.112
Northern	4.27	(3.22 - 5.65)	4.95	(3.73 - 6.54)	0.311
Southern	4.10 ^a	(3.36 - 5.01)	5.13	(4.15 - 6.33)	0.044
Southern 1 (Rockingham)	3.80	(2.91 - 4.95)	4.38	(3.31 - 5.78)	0.352
Southern 2	4.29 ^a	(3.39 - 5.42)	5.60	(4.41 - 7.10)	0.038
New Jersey	3.63	(3.03 - 4.33)	3.62	(3.07 - 4.27)	0.988
Central	3.66	(2.79 - 4.79)	3.58	(2.80 - 4.56)	0.867
Metropolitan	3.53	(2.71 - 4.58)	3.72	(2.90 - 4.77)	0.711
Northern	3.44	(2.62 - 4.50)	3.34	(2.65 - 4.21)	0.834
Southern	4.00	(3.05 - 5.22)	4.00	(3.13 - 5.09)	0.997
New Mexico	3.80	(3.17 - 4.56)	4.08	(3.41 - 4.87)	0.490
Region 1	3.81	(2.90 - 5.01)	4.06	(3.11 - 5.28)	0.676
Region 2	3.61	(2.62 - 4.95)	3.75	(2.79 - 5.02)	0.830
Region 3 (Bernalillo)	3.88	(2.98 - 5.04)	4.41	(3.48 - 5.57)	0.374
Region 4	3.70	(2.84 - 4.82)	3.95	(3.03 - 5.14)	0.658
Region 5	3.87	(2.93 - 5.09)	3.88	(3.10 - 4.85)	0.989
Region 5a	--	(-- - --)	3.74	(2.81 - 4.96)	--
Region 5b (Dona Ana)	--	(-- - --)	4.01	(3.05 - 5.25)	--

See notes at end of table.

(continued)

Table 11 *Had Serious Thoughts of Suicide in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
New York¹	3.73	(3.29 - 4.22)	3.83	(3.37 - 4.35)	0.678
Region 1: Long Island	3.21	(2.55 - 4.04)	3.54	(2.84 - 4.41)	0.460
Region 2: New York City	3.84	(3.28 - 4.50)	3.73	(3.20 - 4.36)	0.738
Region 2A: Bronx	4.02	(3.10 - 5.21)	3.54	(2.80 - 4.47)	0.381
Region 2B: Kings	--	(-- - --)	3.81	(3.03 - 4.78)	--
Region 2C: New York	4.34	(3.37 - 5.56)	4.27	(3.33 - 5.46)	0.912
Region 2D: Queens	3.54	(2.74 - 4.56)	3.29	(2.57 - 4.20)	0.592
Region 2E: Richmond	--	(-- - --)	4.08	(3.14 - 5.29)	--
Region 3: Mid-Hudson	--	(-- - --)	3.79	(2.98 - 4.80)	--
Region 4: Capital Region	--	(-- - --)	4.30	(3.34 - 5.53)	--
Region 5: Mohawk Valley	--	(-- - --)	4.40	(3.30 - 5.82)	--
Region 6: North Country	--	(-- - --)	4.24	(3.28 - 5.47)	--
Region 7: Tug Hill Seaway	--	(-- - --)	4.49	(3.48 - 5.77)	--
Region 8: Central	--	(-- - --)	4.24	(3.33 - 5.39)	--
Region 9: Southern Tier	--	(-- - --)	4.44	(3.47 - 5.66)	--
Region 10: Finger Lakes	--	(-- - --)	3.86	(3.08 - 4.82)	--
Region 11: Western	--	(-- - --)	3.91	(3.14 - 4.85)	--
North Carolina	4.28	(3.64 - 5.03)	4.17	(3.55 - 4.90)	0.779
Alliance Behavioral Healthcare 1	4.17	(3.18 - 5.46)	4.39	(3.37 - 5.70)	0.732
Alliance Behavioral Healthcare 2	3.75	(2.85 - 4.93)	4.14	(3.18 - 5.39)	0.519
Cardinal Innovations Healthcare Solutions 1	4.50	(3.30 - 6.10)	4.01	(3.03 - 5.29)	0.497
Cardinal Innovations Healthcare Solutions 2	4.16	(3.12 - 5.52)	4.18	(3.18 - 5.46)	0.978
Cardinal Innovations Healthcare Solutions 3	3.84	(2.90 - 5.08)	3.71	(2.83 - 4.85)	0.822
CenterPoint Human Services	4.29	(3.16 - 5.79)	4.00	(2.99 - 5.33)	0.686
Eastpointe	4.61	(3.38 - 6.24)	4.17	(3.19 - 5.44)	0.547
Partners Behavioral Health Management	4.38	(3.25 - 5.88)	4.37	(3.32 - 5.74)	0.992
Sandhills Center 1	4.44	(3.24 - 6.07)	4.07	(3.02 - 5.46)	0.625
Sandhills Center 2	3.96	(3.00 - 5.20)	4.27	(3.28 - 5.55)	0.640
Smoky Mountain Center 1	4.80	(3.52 - 6.53)	4.24	(3.21 - 5.58)	0.473
Smoky Mountain Center 2	4.47	(3.29 - 6.05)	4.36	(3.29 - 5.77)	0.888
Trillium Health Resources 1	4.29	(3.20 - 5.73)	4.17	(3.18 - 5.46)	0.864
Trillium Health Resources 2	4.64	(3.49 - 6.14)	4.50	(3.42 - 5.91)	0.852

See notes at end of table.

(continued)

Table 11 *Had Serious Thoughts of Suicide in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
North Dakota	3.93	(3.34 - 4.61)	4.02	(3.41 - 4.73)	0.783
Badlands and West Central	3.62	(2.80 - 4.68)	3.66	(2.93 - 4.57)	0.934
Badlands	--	(-- --)	3.75	(2.83 - 4.94)	--
West Central	--	(-- --)	3.64	(2.82 - 4.68)	--
Lake Region	4.07	(3.06 - 5.38)	3.58	(2.73 - 4.69)	0.415
North Central	3.88	(3.00 - 5.01)	4.15	(3.19 - 5.40)	0.634
Northeast	4.42	(3.49 - 5.59)	4.68	(3.68 - 5.94)	0.668
Northwest	3.68	(2.77 - 4.88)	3.74	(2.83 - 4.92)	0.921
South Central	3.90	(2.86 - 5.31)	3.50	(2.65 - 4.63)	0.518
Southeast	4.04	(3.19 - 5.09)	4.27	(3.43 - 5.32)	0.646
Ohio	4.19	(3.73 - 4.69)	4.53	(3.99 - 5.12)	0.244
Boards 2, 46, 55, and 68	4.25	(3.25 - 5.54)	4.41	(3.42 - 5.67)	0.801
Boards 3, 52, and 85	4.41	(3.39 - 5.71)	4.59	(3.54 - 5.95)	0.782
Boards 4 and 78	4.45	(3.38 - 5.84)	4.85	(3.64 - 6.42)	0.584
Boards 5 and 60	4.66	(3.64 - 5.95)	5.10	(3.96 - 6.55)	0.528
Boards 7, 15, 41, 79, and 84	4.56	(3.47 - 5.97)	4.95	(3.76 - 6.50)	0.560
Boards 8, 13, and 83	4.25	(3.29 - 5.49)	4.02	(3.09 - 5.22)	0.710
Board 9 (Butler)	4.58	(3.54 - 5.92)	4.71	(3.67 - 6.03)	0.834
Board 12	4.23	(3.23 - 5.50)	4.77	(3.67 - 6.18)	0.411
Boards 18 and 47	3.70	(2.91 - 4.69)	4.16	(3.32 - 5.21)	0.397
Boards 20, 32, 54, and 69	3.86	(2.97 - 5.02)	4.28	(3.32 - 5.50)	0.508
Boards 21, 39, 51, 70, and 80	3.88	(3.00 - 4.99)	4.41	(3.40 - 5.70)	0.403
Boards 22, 74, and 87	4.25	(3.27 - 5.49)	4.71	(3.64 - 6.07)	0.462
Boards 23 and 45	4.18	(3.22 - 5.40)	4.38	(3.40 - 5.62)	0.742
Board 25 (Franklin)	4.39	(3.51 - 5.49)	4.40	(3.49 - 5.52)	0.992
Boards 27, 71, and 73	4.72	(3.59 - 6.17)	5.02	(3.84 - 6.54)	0.700
Boards 28, 43, and 67	4.49	(3.44 - 5.84)	4.62	(3.56 - 5.97)	0.841
Board 31 (Hamilton)	3.71	(2.90 - 4.73)	4.12	(3.22 - 5.27)	0.415
Board 48 (Lucas)	4.10	(3.15 - 5.31)	4.96	(3.82 - 6.43)	0.202
Boards 50 and 76	4.19	(3.21 - 5.45)	4.63	(3.60 - 5.94)	0.481
Board 57 (Montgomery)	4.46	(3.45 - 5.75)	4.94	(3.84 - 6.33)	0.458
Board 77 (Summit)	4.01	(3.07 - 5.22)	4.60	(3.56 - 5.93)	0.346
Oklahoma	4.04	(3.41 - 4.77)	3.71	(3.05 - 4.51)	0.386
Central	4.33	(3.28 - 5.69)	3.80	(2.90 - 4.97)	0.397
East Central	4.10	(3.07 - 5.47)	3.64	(2.69 - 4.91)	0.481
Northeast	3.99	(3.01 - 5.28)	3.63	(2.72 - 4.82)	0.541
Northwest and Southwest	4.04	(3.05 - 5.34)	3.77	(2.84 - 4.99)	0.654
Oklahoma County	3.80	(2.94 - 4.90)	3.43	(2.60 - 4.53)	0.494
Southeast	4.25	(3.19 - 5.66)	3.70	(2.79 - 4.91)	0.409
Tulsa County	3.90	(2.96 - 5.12)	4.03	(3.02 - 5.35)	0.843

See notes at end of table.

(continued)

Table 11 Had Serious Thoughts of Suicide in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Oregon	4.31	(3.64 - 5.08)	4.67	(3.93 - 5.54)	0.392
Region 1 (Multnomah)	4.62	(3.55 - 5.99)	5.00	(3.91 - 6.38)	0.569
Region 2	3.83	(2.92 - 5.02)	4.10	(3.19 - 5.27)	0.644
Region 3	4.43	(3.45 - 5.67)	5.08	(4.00 - 6.41)	0.330
Region 4	4.44	(3.29 - 5.96)	4.49	(3.41 - 5.88)	0.946
Region 5 (Central)	3.94	(2.91 - 5.33)	4.46	(3.33 - 5.95)	0.492
Region 6 (Eastern)	4.47	(3.30 - 6.05)	4.23	(3.19 - 5.59)	0.746
Pennsylvania	3.95	(3.49 - 4.47)	4.31	(3.79 - 4.88)	0.215
Region 1 (Allegheny)	3.96	(3.12 - 5.02)	4.46	(3.52 - 5.64)	0.391
Regions 3, 8, 9, and 51	3.91	(3.04 - 5.03)	4.37	(3.43 - 5.56)	0.461
Regions 4, 11, 37, and 49	4.02	(3.11 - 5.18)	4.46	(3.44 - 5.78)	0.501
Regions 5, 18, 23, 24, and 46	4.13	(3.21 - 5.31)	4.51	(3.55 - 5.72)	0.537
Regions 6, 12, 16, 31, 35, 45, and 47	4.51	(3.56 - 5.70)	4.87	(3.85 - 6.15)	0.557
Regions 7, 13, 20, and 33	3.46	(2.80 - 4.27)	3.65	(2.94 - 4.53)	0.650
Regions 10, 15, 27, 32, 43, and 44	4.45	(3.41 - 5.79)	4.21	(3.22 - 5.49)	0.718
Regions 17 and 21	4.45	(3.38 - 5.84)	4.66	(3.59 - 6.04)	0.754
Regions 19, 26, 28, and 42	3.87 ^b	(3.05 - 4.91)	5.01	(3.93 - 6.37)	0.066
Regions 22, 38, 40, 41, and 48	3.64	(2.78 - 4.75)	3.76	(2.92 - 4.84)	0.826
Regions 29 and 34	3.87	(2.98 - 5.01)	4.19	(3.25 - 5.40)	0.581
Regions 30 and 50	4.26	(3.27 - 5.54)	4.56	(3.48 - 5.95)	0.643
Region 36 (Philadelphia)	4.22	(3.36 - 5.27)	4.27	(3.41 - 5.32)	0.921
Rhode Island	4.24	(3.52 - 5.09)	4.52	(3.75 - 5.44)	0.519
Region 1: Southern Providence County	--	(-- --)	4.20	(3.18 - 5.53)	--
Region 2: Northern Providence County/Blackstone Valley	--	(-- --)	4.41	(3.32 - 5.83)	--
Region 3: Providence	--	(-- --)	5.78	(4.43 - 7.51)	--
Region 4: Kent County	--	(-- --)	4.01	(3.02 - 5.30)	--
Region 5: East Bay	--	(-- --)	4.44	(3.32 - 5.91)	--
Region 6: Newport County	--	(-- --)	4.66	(3.46 - 6.24)	--
Region 7: South County	--	(-- --)	4.09	(3.13 - 5.34)	--
South Carolina	4.02	(3.35 - 4.80)	3.61	(2.99 - 4.37)	0.299
Region 1	4.15	(3.18 - 5.40)	3.90	(2.99 - 5.08)	0.674
Region 2	4.06	(3.10 - 5.31)	3.44	(2.63 - 4.50)	0.273
Region 3	4.04	(3.01 - 5.40)	3.53	(2.65 - 4.68)	0.403
Region 4	3.80	(2.94 - 4.90)	3.50	(2.69 - 4.53)	0.574
South Dakota	3.81	(3.22 - 4.51)	3.90	(3.25 - 4.67)	0.813
Region 1	3.75	(2.89 - 4.87)	3.94	(3.04 - 5.09)	0.737
Region 2	3.76	(2.80 - 5.02)	3.58	(2.67 - 4.78)	0.757
Region 3	3.96	(3.08 - 5.08)	3.67	(2.86 - 4.70)	0.576
Region 4	3.62	(2.77 - 4.73)	3.83	(2.90 - 5.03)	0.723
Region 5	3.85	(2.99 - 4.95)	4.19	(3.23 - 5.41)	0.545

See notes at end of table.

(continued)

Table 11 *Had Serious Thoughts of Suicide in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)*

State/Substate Region	2012-2014		2014-2016		P Value
	2012-2014 (Estimate)	(95% Confidence Interval)	2014-2016 (Estimate)	(95% Confidence Interval)	
Tennessee	4.09	(3.45 - 4.84)	4.51	(3.76 - 5.40)	0.303
Region 1	4.24	(3.16 - 5.66)	4.82	(3.56 - 6.50)	0.434
Region 2	3.99	(3.03 - 5.25)	4.89	(3.73 - 6.40)	0.192
Region 3	4.47	(3.35 - 5.94)	4.55	(3.44 - 6.00)	0.903
Region 4 (Davidson)	3.94	(3.00 - 5.15)	4.46	(3.41 - 5.83)	0.412
Region 5	4.39	(3.36 - 5.73)	4.65	(3.62 - 5.95)	0.682
Region 6	3.96	(3.00 - 5.22)	4.09	(3.08 - 5.42)	0.841
Region 7 (Shelby)	3.42	(2.60 - 4.48)	3.86	(2.93 - 5.05)	0.434
Texas	3.53	(3.12 - 3.99)	3.41	(3.01 - 3.87)	0.643
Region 1	3.94	(3.05 - 5.07)	3.69	(2.88 - 4.72)	0.655
Region 2	3.92	(2.97 - 5.17)	3.78	(2.95 - 4.83)	0.807
Region 3	3.45	(2.90 - 4.11)	3.26	(2.76 - 3.85)	0.557
Region 3a	3.33	(2.68 - 4.13)	3.26	(2.66 - 4.00)	0.859
Region 3bc	3.66	(2.89 - 4.62)	3.25	(2.59 - 4.07)	0.386
Region 4	3.68	(2.79 - 4.83)	3.56	(2.78 - 4.55)	0.824
Region 5	3.73	(2.79 - 4.97)	3.45	(2.67 - 4.45)	0.634
Region 6	3.19	(2.59 - 3.92)	3.54	(2.95 - 4.26)	0.368
Region 6a	3.13	(2.50 - 3.92)	3.59	(2.95 - 4.36)	0.281
Region 6bc	3.70	(2.76 - 4.94)	3.17	(2.46 - 4.08)	0.336
Region 7	4.03	(3.32 - 4.89)	3.75	(3.13 - 4.50)	0.503
Region 7a	4.03	(3.15 - 5.15)	3.56	(2.84 - 4.46)	0.363
Region 7bcd	4.04	(3.18 - 5.12)	4.09	(3.22 - 5.18)	0.932
Region 8	3.57	(2.77 - 4.58)	2.97	(2.35 - 3.74)	0.215
Region 9	3.75	(2.86 - 4.91)	3.61	(2.78 - 4.69)	0.805
Region 10	3.43	(2.60 - 4.52)	3.41	(2.64 - 4.40)	0.975
Region 11	3.50	(2.80 - 4.38)	3.20	(2.59 - 3.94)	0.467
Region 11abd	3.61	(2.76 - 4.72)	3.20	(2.47 - 4.12)	0.401
Region 11c (Hidalgo)	3.31	(2.48 - 4.41)	3.21	(2.48 - 4.14)	0.846
Utah	4.85	(4.16 - 5.64)	5.31	(4.53 - 6.22)	0.294
Bear River, Northeastern, Summit, Tooele, and Wasatch	4.84	(3.75 - 6.22)	4.90	(3.76 - 6.36)	0.932
Central, Four Corners, San Juan, and Southwest	4.96	(3.77 - 6.51)	4.65	(3.65 - 5.91)	0.662
Central, Four Corners, and San Juan	--	(-- --)	4.46	(3.34 - 5.92)	--
Southwest	--	(-- --)	4.77	(3.58 - 6.32)	--
Davis County	4.66	(3.59 - 6.03)	4.93	(3.76 - 6.43)	0.708
Salt Lake County	4.67	(3.77 - 5.78)	5.49	(4.42 - 6.80)	0.201
Utah County	5.41	(4.32 - 6.76)	5.98	(4.77 - 7.47)	0.433
Weber, Morgan	4.55	(3.52 - 5.87)	5.10	(3.88 - 6.67)	0.446
Vermont	4.62	(3.82 - 5.58)	5.38	(4.49 - 6.45)	0.130
Champlain Valley	4.32	(3.37 - 5.53)	5.15	(4.04 - 6.56)	0.206
Rural Northeast	5.32	(3.93 - 7.17)	5.87	(4.43 - 7.75)	0.510
Rural Southeast	4.42	(3.30 - 5.90)	5.41	(4.12 - 7.07)	0.223
Rural Southwest	4.61	(3.44 - 6.14)	5.22	(3.95 - 6.87)	0.413

See notes at end of table.

(continued)

Table 11 *Had Serious Thoughts of Suicide in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)*

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Virginia	3.85	(3.26 - 4.55)	4.03	(3.46 - 4.69)	0.605
Region 1	3.85	(2.97 - 4.97)	4.51	(3.54 - 5.73)	0.277
Region 2	3.37	(2.59 - 4.38)	3.60	(2.85 - 4.54)	0.641
Region 3	4.57	(3.47 - 6.00)	4.64	(3.64 - 5.91)	0.913
Region 4	3.83	(2.90 - 5.03)	3.65	(2.84 - 4.68)	0.748
Region 5	3.92	(3.08 - 4.99)	4.07	(3.24 - 5.11)	0.778
Washington¹	4.38	(3.70 - 5.18)	4.95	(4.15 - 5.91)	0.152
Region 1	4.47	(3.58 - 5.57)	5.16	(4.08 - 6.51)	0.231
Greater Columbia and North Central	4.32	(3.30 - 5.64)	4.95	(3.74 - 6.51)	0.367
Spokane	4.68	(3.51 - 6.22)	5.47	(4.13 - 7.21)	0.292
Region 2	4.16	(3.38 - 5.13)	4.79	(3.88 - 5.89)	0.197
King	4.13	(3.20 - 5.32)	4.67	(3.66 - 5.95)	0.348
North Sound	4.23	(3.22 - 5.53)	4.99	(3.81 - 6.49)	0.255
Region 3	4.64	(3.78 - 5.68)	5.06	(4.13 - 6.18)	0.399
Pierce	4.66	(3.53 - 6.12)	4.91	(3.80 - 6.33)	0.707
Salish	4.26	(3.17 - 5.71)	4.95	(3.65 - 6.67)	0.355
SW WA and Great Rivers	4.96	(3.65 - 6.72)	5.25	(3.92 - 7.00)	0.722
Thurston-Mason	4.28	(3.15 - 5.80)	5.13	(3.81 - 6.87)	0.264
West Virginia	4.62	(3.91 - 5.45)	4.19	(3.47 - 5.06)	0.329
Region I	4.63	(3.40 - 6.26)	4.24	(3.13 - 5.72)	0.611
Region II	4.91	(3.67 - 6.55)	4.01	(2.98 - 5.38)	0.233
Region III	4.68	(3.43 - 6.37)	4.36	(3.16 - 5.98)	0.683
Region IV	4.23	(3.29 - 5.44)	4.52	(3.50 - 5.83)	0.656
Region V	4.74	(3.67 - 6.12)	4.15	(3.14 - 5.46)	0.393
Region VI	4.62	(3.48 - 6.11)	3.88	(2.94 - 5.11)	0.255
Wisconsin	3.92	(3.29 - 4.66)	4.18	(3.51 - 4.97)	0.486
Milwaukee	4.00	(3.05 - 5.23)	4.13	(3.18 - 5.35)	0.834
Northeastern	3.98	(3.04 - 5.19)	4.21	(3.24 - 5.45)	0.690
Northern	3.84	(2.81 - 5.23)	3.89	(2.90 - 5.20)	0.946
Southeastern	3.68	(2.78 - 4.86)	4.08	(3.15 - 5.26)	0.504
Southern	3.85	(2.91 - 5.07)	4.27	(3.30 - 5.52)	0.477
Western	4.23	(3.22 - 5.55)	4.38	(3.37 - 5.67)	0.817

See notes at end of table.

(continued)

Table 11 *Had Serious Thoughts of Suicide in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)*

State/Substate Region	2012-2014		2014-2016		P Value
	2012-2014 (Estimate)	(95% Confidence Interval)	2014-2016 (Estimate)	(95% Confidence Interval)	
Wyoming	4.00	(3.40 - 4.69)	4.06	(3.42 - 4.82)	0.864
Judicial District 1 (Laramie)	3.77	(2.90 - 4.88)	4.28	(3.26 - 5.60)	0.393
Judicial District 2	4.92	(3.88 - 6.21)	4.94	(3.92 - 6.22)	0.965
Judicial District 3	4.00	(3.05 - 5.24)	4.24	(3.24 - 5.54)	0.704
Judicial District 4	3.96	(2.95 - 5.29)	3.81	(2.84 - 5.11)	0.823
Judicial District 5	3.77	(2.79 - 5.07)	3.47	(2.60 - 4.62)	0.624
Judicial District 6	3.98	(3.07 - 5.14)	3.92	(3.00 - 5.11)	0.923
Judicial District 7 (Natrona)	3.90	(2.98 - 5.08)	4.25	(3.26 - 5.53)	0.556
Judicial District 8	4.06	(3.03 - 5.42)	3.57	(2.71 - 4.69)	0.422
Judicial District 9	3.86	(2.90 - 5.14)	3.65	(2.75 - 4.82)	0.726

SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2012-2014 and 2014-2016); hence, the 2012-2014 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

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 significance levels for the null hypothesis of no change between the 2012-2014 and 2014-2016 population percentages. The "Total U.S." estimates, along with the 95 percent confidence intervals and the *p* values, are based on design-based (direct) estimation methods.

NOTE: Respondents were asked, "At any time in the past 12 months, did you seriously think about trying to kill yourself?" If they answered "Yes," they were categorized as having serious thoughts of suicide in the past year.

^a Difference between the 2012-2014 and 2014-2016 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2012-2014 and 2014-2016 population percentages 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 (2012-2014 vs. 2014-2016).

For details, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012-2016.

Table 12 Major Depressive Episode in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Total United States	6.71	(6.51 - 6.91)	6.66	(6.49 - 6.84)	0.709
Northeast	6.60	(6.22 - 6.99)	6.80	(6.46 - 7.17)	0.317
Midwest	6.83	(6.53 - 7.14)	6.85	(6.52 - 7.18)	0.916
South	6.62	(6.32 - 6.93)	6.50	(6.22 - 6.78)	0.466
West	6.81	(6.40 - 7.25)	6.65	(6.32 - 7.00)	0.484
Alabama	6.61	(5.61 - 7.77)	6.82	(5.87 - 7.92)	0.681
Region 1	6.84	(5.42 - 8.60)	6.98	(5.60 - 8.66)	0.864
Region 2	6.60	(5.32 - 8.17)	7.14	(5.72 - 8.87)	0.506
Region 3	6.12	(4.83 - 7.72)	6.24	(4.92 - 7.87)	0.880
Region 4	6.70	(5.27 - 8.48)	6.64	(5.19 - 8.47)	0.946
Alaska	6.91	(5.93 - 8.04)	6.93	(6.02 - 7.97)	0.968
Anchorage	7.35	(6.03 - 8.94)	7.52	(6.26 - 9.01)	0.835
Northern	6.44	(5.13 - 8.06)	7.02	(5.62 - 8.74)	0.466
South Central	6.68	(5.33 - 8.32)	5.91	(4.72 - 7.38)	0.320
Southeast	6.73	(5.28 - 8.53)	7.00	(5.45 - 8.94)	0.764
Arizona¹	7.12	(6.03 - 8.38)	6.43	(5.51 - 7.48)	0.231
Central	7.03	(5.74 - 8.58)	6.11	(5.02 - 7.41)	0.207
North	--	(-- --)	6.19	(4.74 - 8.03)	--
South	--	(-- --)	7.20	(5.85 - 8.84)	--
South A	7.51	(5.80 - 9.67)	7.56	(5.90 - 9.62)	0.962
South B	--	(-- --)	6.77	(5.17 - 8.81)	--
Arkansas	7.17	(6.14 - 8.36)	7.98	(6.94 - 9.17)	0.174
Catchment Area 1	7.10	(5.61 - 8.95)	8.21	(6.51 - 10.31)	0.249
Catchment Area 2	7.63	(5.96 - 9.73)	8.32	(6.44 - 10.70)	0.527
Catchment Area 3	7.22	(5.71 - 9.10)	7.61	(6.01 - 9.59)	0.686
Catchment Area 4	6.89	(5.37 - 8.81)	7.85	(6.07 - 10.09)	0.351
Catchment Area 5	7.00	(5.50 - 8.88)	8.19	(6.51 - 10.26)	0.216
Catchment Area 6	7.04	(5.42 - 9.09)	6.72	(5.18 - 8.67)	0.737
Catchment Area 7	7.05	(5.47 - 9.04)	7.38	(5.60 - 9.67)	0.744
Catchment Area 8	7.26	(5.74 - 9.13)	8.43	(6.64 - 10.65)	0.248

See notes at end of table.

(continued)

Table 12 Major Depressive Episode in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
California	6.46	(5.86 - 7.12)	6.10	(5.61 - 6.62)	0.265
Region 1R	6.89	(5.51 - 8.58)	6.65	(5.32 - 8.27)	0.782
Region 2R	7.21	(5.78 - 8.97)	6.68	(5.35 - 8.31)	0.529
Region 3R (Sacramento)	6.69	(5.40 - 8.26)	5.86	(4.73 - 7.23)	0.255
Region 4R	6.35	(5.13 - 7.83)	5.82	(4.69 - 7.21)	0.477
Region 5R (San Francisco)	6.75	(5.37 - 8.45)	7.09	(5.64 - 8.89)	0.688
Region 6 (Santa Clara)	5.92	(4.73 - 7.39)	5.69	(4.61 - 7.00)	0.746
Region 7R (Contra Costa)	6.46	(5.13 - 8.11)	5.96	(4.78 - 7.42)	0.508
Region 8R (Alameda)	6.36	(5.13 - 7.88)	6.99	(5.64 - 8.64)	0.440
Region 9R (San Mateo)	5.99	(4.78 - 7.50)	5.63	(4.45 - 7.10)	0.622
Region 10	6.46	(5.20 - 8.01)	6.54	(5.21 - 8.18)	0.922
Region 11 (Los Angeles)	6.51	(5.77 - 7.33)	5.95	(5.33 - 6.63)	0.164
LA SPA 1 and 5	6.76	(5.44 - 8.37)	6.76	(5.42 - 8.39)	0.997
LA SPA 2	6.50	(5.31 - 7.94)	6.22	(5.03 - 7.67)	0.697
LA SPA 3	6.15	(4.94 - 7.64)	5.24	(4.19 - 6.52)	0.203
LA SPA 4	6.75	(5.42 - 8.38)	6.82	(5.39 - 8.59)	0.934
LA SPA 6	6.26	(5.09 - 7.68)	5.65	(4.51 - 7.05)	0.365
LA SPA 7	6.60 ^b	(5.32 - 8.18)	5.28	(4.22 - 6.60)	0.079
LA SPA 8	6.64	(5.31 - 8.26)	5.85	(4.71 - 7.25)	0.317
Region 12R	6.59	(5.27 - 8.23)	6.01	(4.75 - 7.57)	0.435
Regions 13 and 19R	6.30	(5.16 - 7.67)	6.31	(5.13 - 7.74)	0.993
Region 14 (Orange)	6.26	(5.15 - 7.60)	6.11	(5.02 - 7.43)	0.825
Region 15R (Fresno)	6.43	(5.21 - 7.92)	5.83	(4.64 - 7.30)	0.436
Region 16R (San Diego)	6.48	(5.35 - 7.82)	6.15	(5.11 - 7.38)	0.627
Region 17R	6.32	(5.09 - 7.82)	5.43	(4.37 - 6.72)	0.201
Region 18R (San Bernardino)	6.43	(5.21 - 7.92)	6.06	(4.90 - 7.46)	0.603
Region 20R	6.58	(5.31 - 8.13)	6.06	(4.81 - 7.59)	0.486
Region 21R	6.86	(5.52 - 8.49)	6.15	(4.94 - 7.64)	0.367
Colorado	6.30 ^a	(5.32 - 7.44)	7.50	(6.54 - 8.58)	0.028
Region 1	--	(-- --)	7.35	(5.80 - 9.27)	--
Region 2	--	(-- --)	7.67	(5.90 - 9.93)	--
Region 3	--	(-- --)	7.67	(6.18 - 9.47)	--
Region 4	--	(-- --)	6.88	(5.29 - 8.91)	--
Region 5	--	(-- --)	7.65	(6.05 - 9.64)	--
Region 6	--	(-- --)	7.56	(6.04 - 9.42)	--
Region 7	--	(-- --)	7.33	(5.74 - 9.32)	--
Connecticut	6.24	(5.28 - 7.37)	6.64	(5.69 - 7.74)	0.475
Eastern	6.54	(5.13 - 8.29)	7.42	(5.86 - 9.36)	0.332
North Central	6.47	(5.13 - 8.12)	6.54	(5.20 - 8.20)	0.926
Northwestern	6.57	(5.11 - 8.41)	6.59	(5.14 - 8.42)	0.984
South Central	6.03	(4.75 - 7.64)	7.16	(5.64 - 9.04)	0.189
Southwest	5.69	(4.38 - 7.35)	5.67	(4.36 - 7.34)	0.986

See notes at end of table.

(continued)

Table 12 Major Depressive Episode in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Delaware	6.92	(5.91 - 8.09)	6.62	(5.68 - 7.70)	0.572
Kent	6.80	(5.40 - 8.53)	6.09	(4.71 - 7.84)	0.373
New Castle (excluding Wilmington City)	7.10	(5.85 - 8.60)	7.13	(5.88 - 8.61)	0.971
Sussex	6.74	(5.26 - 8.61)	6.01	(4.65 - 7.75)	0.378
Wilmington City	6.54	(5.05 - 8.44)	6.28	(4.80 - 8.17)	0.763
District of Columbia	6.59	(5.67 - 7.65)	7.14	(6.27 - 8.12)	0.273
Ward 1	7.34	(5.85 - 9.18)	7.45	(5.96 - 9.29)	0.901
Ward 2	7.64 ^a	(6.06 - 9.59)	10.03	(8.18 - 12.23)	0.020
Ward 3	7.56	(5.98 - 9.52)	8.39	(6.72 - 10.43)	0.379
Ward 4	5.81	(4.49 - 7.48)	5.74	(4.43 - 7.41)	0.929
Ward 5	5.95	(4.69 - 7.51)	5.98	(4.67 - 7.63)	0.964
Ward 6	7.15	(5.67 - 8.99)	7.84	(6.25 - 9.78)	0.472
Ward 7	5.19	(3.99 - 6.74)	5.09	(3.97 - 6.50)	0.885
Ward 8	5.51	(4.31 - 7.02)	5.84	(4.60 - 7.39)	0.644
Florida	5.91	(5.29 - 6.60)	5.98	(5.39 - 6.64)	0.843
Broward (Circuit 17)	5.39	(4.28 - 6.76)	5.55	(4.40 - 6.99)	0.815
Central I	6.36	(5.36 - 7.52)	6.22	(5.25 - 7.36)	0.813
Circuit 9	6.51	(5.27 - 8.02)	6.18	(5.03 - 7.58)	0.633
Circuit 18	6.14	(4.88 - 7.69)	6.28	(4.95 - 7.94)	0.855
Central II	5.99	(5.23 - 6.86)	6.04	(5.25 - 6.93)	0.927
Circuit 6	5.79	(4.59 - 7.28)	6.04	(4.76 - 7.64)	0.758
Circuit 10	5.99	(4.70 - 7.61)	5.72	(4.46 - 7.31)	0.736
Circuit 12	6.01	(4.70 - 7.67)	5.69	(4.36 - 7.39)	0.689
Circuit 13 (Hillsborough)	6.20	(5.04 - 7.60)	6.86	(5.53 - 8.48)	0.380
Circuit 20	6.01	(4.70 - 7.66)	5.60	(4.30 - 7.25)	0.614
Northeast	6.08	(5.26 - 7.03)	6.21	(5.35 - 7.19)	0.802
Circuit 4	5.82	(4.69 - 7.20)	6.50	(5.16 - 8.17)	0.356
Circuit 5	6.16	(4.83 - 7.82)	5.64	(4.38 - 7.23)	0.519
Circuit 7	6.21	(4.91 - 7.83)	6.12	(4.78 - 7.80)	0.908
Circuit 8 plus Columbia, Dixie, Hamilton, Lafayette, and Suwannee	6.26	(5.07 - 7.71)	6.91	(5.52 - 8.61)	0.401
Northwest	6.61	(5.58 - 7.82)	6.84	(5.82 - 8.04)	0.698
Circuit 1	6.81	(5.34 - 8.66)	6.83	(5.38 - 8.62)	0.987
Circuit 2 plus Madison and Taylor	6.46	(5.20 - 8.00)	6.76	(5.39 - 8.46)	0.704
Circuit 14	6.36	(4.95 - 8.12)	7.00	(5.42 - 9.01)	0.475
South (Circuits 11 and 16)	5.19	(4.14 - 6.48)	5.33	(4.35 - 6.50)	0.829
Southeast	5.74	(4.75 - 6.93)	5.75	(4.74 - 6.96)	0.987
Circuit 15 (Palm Beach)	5.49	(4.33 - 6.93)	5.47	(4.31 - 6.92)	0.983
Circuit 19	6.31	(4.93 - 8.04)	6.38	(4.90 - 8.26)	0.941

See notes at end of table.

(continued)

Table 12 Major Depressive Episode in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Georgia	6.64	(5.67 - 7.76)	6.51	(5.72 - 7.39)	0.796
Region 1	6.65	(5.26 - 8.39)	6.48	(5.25 - 7.97)	0.830
Region 2	6.84	(5.37 - 8.67)	7.20	(5.75 - 8.98)	0.696
Region 3	6.42	(5.14 - 8.00)	6.17	(5.03 - 7.55)	0.730
Region 4	6.67	(5.16 - 8.59)	6.57	(5.09 - 8.44)	0.913
Region 5	7.00	(5.43 - 8.97)	6.68	(5.25 - 8.47)	0.727
Region 6	6.58	(5.15 - 8.38)	6.47	(5.12 - 8.15)	0.894
Hawaii	6.30	(5.25 - 7.54)	5.36	(4.52 - 6.36)	0.103
Hawaii Island	6.82	(5.25 - 8.82)	5.45	(4.19 - 7.06)	0.107
Honolulu	6.17	(5.02 - 7.56)	5.33	(4.35 - 6.51)	0.206
Kauai	6.39	(4.81 - 8.43)	5.58	(4.17 - 7.43)	0.370
Maui	6.49	(4.99 - 8.40)	5.39	(4.09 - 7.07)	0.196
Idaho	7.38	(6.37 - 8.55)	7.40	(6.46 - 8.46)	0.975
Region 1	6.92	(5.44 - 8.77)	6.90	(5.44 - 8.73)	0.985
Region 2	8.02	(6.26 - 10.22)	7.55	(5.89 - 9.62)	0.651
Region 3	7.25	(5.77 - 9.08)	7.20	(5.69 - 9.06)	0.954
Region 4	7.42	(5.96 - 9.22)	8.01	(6.51 - 9.81)	0.528
Region 5	7.67	(6.04 - 9.68)	6.99	(5.50 - 8.83)	0.473
Region 6	7.49	(5.92 - 9.42)	7.40	(5.78 - 9.42)	0.928
Region 7	7.31	(5.85 - 9.09)	7.17	(5.70 - 8.99)	0.885
Illinois	5.77	(5.17 - 6.43)	5.84	(5.24 - 6.50)	0.816
Region 1 (Cook)	5.32	(4.50 - 6.28)	5.55	(4.85 - 6.35)	0.593
Region 1.1 (Far North Side)	--	(-- --)	6.16	(4.80 - 7.87)	--
Region 1.2 (Northwest Side)	--	(-- --)	6.03	(4.64 - 7.81)	--
Region 1.3 (North Central Side)	--	(-- --)	7.56	(5.95 - 9.56)	--
Region 1.4 (West Side)	--	(-- --)	5.76	(4.51 - 7.32)	--
Region 1.5 (South Side)	--	(-- --)	5.10	(3.98 - 6.50)	--
Region 1.6 (Southwest Side)	--	(-- --)	5.13	(3.96 - 6.62)	--
Region 1.7 (Suburban Cook)	--	(-- --)	5.11	(4.15 - 6.26)	--
Region 2	5.89	(5.03 - 6.88)	5.64	(4.90 - 6.48)	0.578
Region 2a (DuPage)	--	(-- --)	5.91	(4.71 - 7.39)	--
Region 2b	--	(-- --)	5.24	(4.30 - 6.36)	--
Region 2c (Winnebago)	--	(-- --)	6.43	(4.94 - 8.33)	--
Region 2d	--	(-- --)	6.23	(4.96 - 7.80)	--
Region 3	6.44	(5.27 - 7.83)	6.87	(5.64 - 8.35)	0.538
Region 3a (Champaign)	--	(-- --)	7.05	(5.63 - 8.80)	--
Region 3b	--	(-- --)	6.84	(5.49 - 8.51)	--
Region 4	6.40	(5.15 - 7.93)	6.40	(5.27 - 7.75)	0.999
Region 4a (Sangamon)	--	(-- --)	6.23	(4.78 - 8.07)	--
Region 4b	--	(-- --)	6.45	(5.16 - 8.03)	--
Region 5	6.02	(4.87 - 7.43)	6.10	(5.08 - 7.31)	0.901
Region 5a	--	(-- --)	6.30	(4.93 - 8.01)	--
Region 5b	--	(-- --)	5.94	(4.72 - 7.45)	--

See notes at end of table.

(continued)

Table 12 Major Depressive Episode in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Indiana	7.39	(6.37 - 8.55)	7.59	(6.60 - 8.72)	0.708
Central	7.29	(5.82 - 9.10)	7.73	(6.24 - 9.53)	0.627
East	7.42	(5.93 - 9.25)	7.31	(5.72 - 9.29)	0.901
North Central	7.34	(5.84 - 9.18)	7.19	(5.63 - 9.14)	0.874
Northeast	7.08	(5.57 - 8.96)	7.56	(5.93 - 9.60)	0.614
Northwest	7.39	(5.79 - 9.38)	7.09	(5.45 - 9.18)	0.755
Southeast	7.74	(6.00 - 9.93)	7.69	(5.94 - 9.89)	0.961
Southwest	7.45	(5.83 - 9.48)	7.80	(6.01 - 10.06)	0.727
West	7.51	(6.00 - 9.37)	8.28	(6.56 - 10.40)	0.417
Iowa	6.99	(6.01 - 8.13)	6.72	(5.85 - 7.72)	0.597
Central	6.59	(5.25 - 8.25)	6.75	(5.34 - 8.49)	0.845
North Central	7.02	(5.54 - 8.87)	6.93	(5.48 - 8.73)	0.919
Northeast	7.01	(5.62 - 8.70)	7.10	(5.66 - 8.88)	0.907
Northwest	6.61	(5.18 - 8.41)	5.56	(4.31 - 7.15)	0.190
Southeast	7.71	(6.09 - 9.72)	7.06	(5.67 - 8.75)	0.453
Southwest	6.70	(5.23 - 8.56)	6.57	(5.10 - 8.43)	0.890
Kansas	6.91	(5.89 - 8.08)	7.25	(6.30 - 8.35)	0.544
Northeast	--	(-- --)	7.56	(6.27 - 9.09)	--
Northwest and North Central	--	(-- --)	6.79	(5.18 - 8.85)	--
South Central	--	(-- --)	7.07	(5.67 - 8.79)	--
Southeast	--	(-- --)	7.24	(5.54 - 9.40)	--
Southwest	--	(-- --)	6.16	(4.68 - 8.06)	--
Kentucky¹	7.01	(5.98 - 8.20)	7.40	(6.41 - 8.54)	0.482
Adanta, Cumberland River, and Lifeskills	7.03	(5.52 - 8.91)	7.74	(6.09 - 9.80)	0.452
Bluegrass, Comprehend, and North Key	7.20	(5.78 - 8.94)	7.25	(5.84 - 8.96)	0.957
Centerstone	6.80	(5.35 - 8.62)	7.23	(5.76 - 9.04)	0.627
Communicare and River Valley	6.91	(5.38 - 8.83)	6.90	(5.25 - 9.01)	0.991
Four Rivers and Pennyroyal	6.77	(5.22 - 8.74)	7.33	(5.67 - 9.43)	0.552
Kentucky River, Mountain, and Pathways	7.16	(5.56 - 9.17)	8.21	(6.32 - 10.60)	0.330
Louisiana	6.44	(5.51 - 7.51)	6.52	(5.58 - 7.61)	0.871
Regions 1 and 10	6.33	(5.14 - 7.79)	7.08	(5.70 - 8.77)	0.301
Region 1	6.17	(4.77 - 7.95)	6.71	(5.14 - 8.72)	0.528
Region 10 (Jefferson)	6.50	(5.03 - 8.37)	7.49	(5.66 - 9.85)	0.298
Regions 2 and 9	6.53	(5.27 - 8.05)	6.06	(4.81 - 7.62)	0.548
Region 3	6.25	(4.86 - 8.01)	6.10	(4.63 - 8.00)	0.860
Regions 4, 5, and 6	6.79	(5.39 - 8.53)	6.94	(5.42 - 8.83)	0.872
Regions 7 and 8	6.03	(4.74 - 7.65)	6.23	(4.84 - 7.97)	0.810

See notes at end of table.

(continued)

Table 12 Major Depressive Episode in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Maine	7.99	(6.89 - 9.25)	7.45	(6.45 - 8.60)	0.363
Aroostook/Downeast	7.64	(6.22 - 9.36)	7.39	(5.93 - 9.19)	0.770
Aroostook	7.47	(5.82 - 9.54)	7.23	(5.56 - 9.34)	0.806
Downeast	7.79	(6.02 - 10.02)	7.53	(5.66 - 9.95)	0.819
Central	8.66	(6.84 - 10.91)	7.96	(6.18 - 10.20)	0.523
Cumberland	7.90	(6.28 - 9.91)	7.36	(5.87 - 9.19)	0.557
Midcoast	7.69	(5.98 - 9.83)	7.38	(5.66 - 9.56)	0.752
Penquis	8.34	(6.66 - 10.38)	7.69	(6.05 - 9.73)	0.527
Western	7.97	(6.31 - 10.01)	7.44	(5.77 - 9.55)	0.592
York	7.76	(6.07 - 9.87)	7.03	(5.43 - 9.06)	0.461
Maryland	6.32	(5.40 - 7.37)	6.42	(5.59 - 7.36)	0.831
Anne Arundel	6.76	(5.26 - 8.64)	7.29	(5.72 - 9.25)	0.557
Baltimore City	6.06	(4.81 - 7.62)	6.12	(4.80 - 7.77)	0.941
Baltimore County	6.33	(4.97 - 8.03)	6.58	(5.10 - 8.44)	0.773
Montgomery	5.95	(4.62 - 7.63)	6.10	(4.83 - 7.68)	0.848
North Central	6.52	(5.04 - 8.40)	6.52	(5.07 - 8.37)	0.996
Northeast	6.88	(5.35 - 8.80)	6.77	(5.24 - 8.70)	0.906
Prince George's	5.89	(4.60 - 7.51)	5.36	(4.20 - 6.82)	0.479
South	6.39	(5.04 - 8.07)	6.80	(5.33 - 8.64)	0.629
West	6.79	(5.34 - 8.60)	7.18	(5.61 - 9.14)	0.657
Massachusetts	6.86	(5.90 - 7.97)	7.49	(6.53 - 8.57)	0.256
Boston	7.17 ^a	(5.73 - 8.94)	9.25	(7.34 - 11.59)	0.028
Central	6.79	(5.35 - 8.59)	7.14	(5.63 - 9.02)	0.698
Metrowest	6.86	(5.49 - 8.55)	6.99	(5.58 - 8.72)	0.879
Northeast	6.86	(5.45 - 8.61)	7.37	(5.89 - 9.19)	0.550
Southeast	6.75	(5.34 - 8.50)	7.11	(5.62 - 8.97)	0.689
Western	6.80	(5.36 - 8.60)	7.69	(6.05 - 9.72)	0.322
Michigan	6.99	(6.34 - 7.69)	6.60	(5.97 - 7.30)	0.292
Region 1	7.44	(5.95 - 9.26)	7.24	(5.68 - 9.19)	0.829
Region 2	6.72	(5.31 - 8.46)	6.39	(4.99 - 8.14)	0.701
Region 3	7.07	(5.89 - 8.46)	7.27	(5.96 - 8.84)	0.789
Region 4	7.75	(6.35 - 9.43)	7.00	(5.73 - 8.52)	0.366
Region 5	7.15	(6.02 - 8.49)	7.22	(6.03 - 8.63)	0.926
Region 6	7.02	(5.82 - 8.44)	6.55	(5.28 - 8.09)	0.543
Region 7	6.64	(5.48 - 8.02)	5.82	(4.78 - 7.07)	0.236
Region 8	6.84	(5.58 - 8.37)	5.87	(4.70 - 7.31)	0.193
Region 9	6.86	(5.59 - 8.39)	6.47	(5.17 - 8.08)	0.596
Region 10	6.77	(5.52 - 8.28)	6.84	(5.45 - 8.54)	0.934

See notes at end of table.

(continued)

Table 12 Major Depressive Episode in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Minnesota	6.95	(5.94 - 8.12)	7.28	(6.36 - 8.32)	0.531
Regions 1 and 2	6.91	(5.42 - 8.78)	6.98	(5.68 - 8.55)	0.933
Region 1	--	(-- --)	6.78	(5.16 - 8.86)	--
Region 2	--	(-- --)	7.10	(5.51 - 9.09)	--
Regions 3 and 4	7.20	(5.70 - 9.06)	7.21	(5.97 - 8.68)	0.990
Region 3	--	(-- --)	7.21	(5.54 - 9.34)	--
Region 4	--	(-- --)	7.21	(5.71 - 9.06)	--
Regions 5 and 6	7.24	(5.70 - 9.14)	7.08	(5.79 - 8.64)	0.850
Region 5	--	(-- --)	7.03	(5.47 - 9.00)	--
Region 6	--	(-- --)	7.14	(5.53 - 9.16)	--
Region 7	--	(-- --)	7.43	(6.34 - 8.68)	--
Region 7A (Hennepin)	6.86	(5.43 - 8.62)	7.83	(6.31 - 9.67)	0.275
Region 7B (Ramsey)	6.87	(5.38 - 8.75)	7.40	(5.79 - 9.41)	0.554
Region 7C	6.66	(5.31 - 8.33)	7.04	(5.59 - 8.83)	0.655
Mississippi	7.02 ^b	(5.99 - 8.22)	6.06	(5.22 - 7.02)	0.062
Region 1	7.65	(6.05 - 9.63)	6.33	(5.04 - 7.92)	0.134
Region 2	6.33	(4.94 - 8.07)	5.71	(4.37 - 7.43)	0.432
Region 3	7.14	(5.60 - 9.05)	6.04	(4.70 - 7.72)	0.198
Region 4	6.33	(4.94 - 8.07)	5.19	(4.03 - 6.66)	0.129
Region 5	6.75	(5.17 - 8.78)	6.04	(4.57 - 7.95)	0.420
Region 6	6.98	(5.51 - 8.82)	6.94	(5.37 - 8.92)	0.959
Region 7	7.48	(5.83 - 9.55)	6.39	(4.97 - 8.19)	0.236
Missouri	7.14	(6.13 - 8.29)	6.97	(6.02 - 8.07)	0.765
Central	7.28	(5.76 - 9.15)	6.69	(5.25 - 8.48)	0.518
Eastern	6.93	(5.71 - 8.40)	6.85	(5.63 - 8.31)	0.903
Eastern (St. Louis City and County)	7.05	(5.58 - 8.88)	6.86	(5.41 - 8.67)	0.830
Eastern (excluding St. Louis)	6.73	(5.21 - 8.66)	6.82	(5.32 - 8.71)	0.919
Northwest	6.78	(5.55 - 8.26)	6.86	(5.63 - 8.35)	0.903
Northwest (Jackson)	6.55	(5.10 - 8.38)	6.50	(5.06 - 8.31)	0.953
Northwest (excluding Jackson)	6.97	(5.45 - 8.87)	7.17	(5.58 - 9.17)	0.827
Southeast	7.49	(5.93 - 9.42)	7.38	(5.67 - 9.54)	0.911
Southwest	7.75	(6.08 - 9.83)	7.37	(5.78 - 9.33)	0.688
Montana	6.69	(5.71 - 7.83)	7.26	(6.29 - 8.37)	0.313
Region 1	6.28	(4.82 - 8.14)	6.24	(4.70 - 8.24)	0.971
Region 2	6.25	(4.88 - 7.98)	6.82	(5.34 - 8.68)	0.518
Region 3	6.93	(5.48 - 8.71)	6.67	(5.22 - 8.49)	0.772
Region 4	6.57	(5.26 - 8.18)	7.93	(6.37 - 9.85)	0.121
Region 5	6.95	(5.55 - 8.68)	7.53	(6.08 - 9.28)	0.506

See notes at end of table.

(continued)

Table 12 Major Depressive Episode in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Nebraska	6.78	(5.78 - 7.94)	7.00	(6.05 - 8.09)	0.682
Regions 1 and 2	6.61	(5.35 - 8.14)	6.39	(5.13 - 7.93)	0.764
Region 1	6.65	(5.10 - 8.65)	6.43	(4.91 - 8.39)	0.812
Region 2	6.56	(5.07 - 8.46)	6.35	(4.78 - 8.37)	0.809
Region 3	6.65	(5.19 - 8.49)	6.45	(5.02 - 8.25)	0.809
Region 4	6.55	(5.09 - 8.40)	6.19	(4.77 - 7.99)	0.667
Region 5	7.06	(5.67 - 8.77)	7.41	(5.93 - 9.23)	0.673
Region 6	6.74	(5.43 - 8.34)	7.28	(5.99 - 8.83)	0.498
Nevada	6.34	(5.32 - 7.54)	7.14	(6.08 - 8.39)	0.193
Clark – Region 1	6.31	(5.16 - 7.70)	7.13	(5.90 - 8.59)	0.268
Region 3	6.47	(5.20 - 8.03)	6.84	(5.50 - 8.47)	0.624
Capital District	6.56	(5.01 - 8.55)	6.70	(5.09 - 8.78)	0.885
Rural/Frontier	6.39	(4.93 - 8.24)	6.96	(5.33 - 9.04)	0.536
Washoe – Region 2	6.36	(4.99 - 8.07)	7.47	(5.84 - 9.50)	0.204
New Hampshire	7.78	(6.71 - 9.00)	8.59	(7.47 - 9.86)	0.167
Central	7.73	(6.44 - 9.26)	8.71	(7.28 - 10.40)	0.197
Central 1	7.78	(6.22 - 9.69)	9.24	(7.32 - 11.59)	0.152
Central 2	7.69	(6.09 - 9.66)	8.19	(6.48 - 10.30)	0.590
Northern	7.97	(6.16 - 10.24)	8.51	(6.67 - 10.79)	0.607
Southern	7.75	(6.54 - 9.17)	8.55	(7.24 - 10.07)	0.256
Southern 1 (Rockingham)	7.93	(6.35 - 9.86)	8.35	(6.56 - 10.58)	0.667
Southern 2	7.64	(6.22 - 9.36)	8.67	(7.13 - 10.51)	0.222
New Jersey	6.38	(5.41 - 7.50)	6.49	(5.67 - 7.41)	0.832
Central	6.75	(5.35 - 8.49)	6.44	(5.17 - 7.99)	0.694
Metropolitan	5.86	(4.62 - 7.39)	6.14	(4.85 - 7.74)	0.712
Northern	6.29	(4.96 - 7.94)	6.44	(5.28 - 7.83)	0.842
Southern	6.70	(5.31 - 8.43)	7.01	(5.66 - 8.67)	0.699
New Mexico	6.80	(5.78 - 7.98)	6.75	(5.80 - 7.86)	0.939
Region 1	7.01	(5.51 - 8.88)	6.90	(5.39 - 8.77)	0.895
Region 2	6.90	(5.29 - 8.94)	6.02	(4.64 - 7.78)	0.346
Region 3 (Bernalillo)	6.77	(5.38 - 8.49)	7.30	(5.86 - 9.06)	0.549
Region 4	6.79	(5.36 - 8.57)	6.99	(5.40 - 9.00)	0.830
Region 5	6.54	(5.14 - 8.30)	6.10	(4.96 - 7.49)	0.565
Region 5a	--	(-- --)	5.85	(4.49 - 7.59)	--
Region 5b (Dona Ana)	--	(-- --)	6.34	(4.89 - 8.17)	--

See notes at end of table.

(continued)

Table 12 Major Depressive Episode in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
New York¹	6.38	(5.76 - 7.06)	6.53	(5.93 - 7.20)	0.653
Region 1: Long Island	6.12	(5.05 - 7.40)	6.06	(4.99 - 7.35)	0.934
Region 2: New York City	6.20	(5.46 - 7.04)	6.35	(5.60 - 7.19)	0.732
Region 2A: Bronx	5.96	(4.78 - 7.39)	5.56	(4.42 - 6.98)	0.578
Region 2B: Kings	--	(-- - --)	6.07	(4.97 - 7.39)	--
Region 2C: New York	6.93	(5.67 - 8.44)	7.81	(6.30 - 9.64)	0.263
Region 2D: Queens	5.73	(4.61 - 7.09)	5.87	(4.72 - 7.28)	0.831
Region 2E: Richmond	--	(-- - --)	6.96	(5.47 - 8.83)	--
Region 3: Mid-Hudson	--	(-- - --)	6.03	(4.92 - 7.38)	--
Region 4: Capital Region	--	(-- - --)	7.30	(5.85 - 9.07)	--
Region 5: Mohawk Valley	--	(-- - --)	7.26	(5.70 - 9.20)	--
Region 6: North Country	--	(-- - --)	7.03	(5.52 - 8.91)	--
Region 7: Tug Hill Seaway	--	(-- - --)	7.45	(5.89 - 9.38)	--
Region 8: Central	--	(-- - --)	7.24	(5.81 - 8.99)	--
Region 9: Southern Tier	--	(-- - --)	7.81	(6.21 - 9.78)	--
Region 10: Finger Lakes	--	(-- - --)	7.18	(5.84 - 8.79)	--
Region 11: Western	--	(-- - --)	6.95	(5.73 - 8.40)	--
North Carolina	7.28	(6.26 - 8.45)	7.20	(6.37 - 8.13)	0.880
Alliance Behavioral Healthcare 1	7.88	(6.17 - 10.01)	8.11	(6.37 - 10.27)	0.818
Alliance Behavioral Healthcare 2	7.17	(5.59 - 9.16)	6.94	(5.44 - 8.81)	0.804
Cardinal Innovations Healthcare Solutions 1	7.07	(5.45 - 9.11)	7.10	(5.48 - 9.15)	0.973
Cardinal Innovations Healthcare Solutions 2	7.15	(5.55 - 9.16)	6.71	(5.25 - 8.53)	0.624
Cardinal Innovations Healthcare Solutions 3	6.79	(5.32 - 8.62)	7.13	(5.63 - 8.99)	0.695
CenterPoint Human Services	7.12	(5.52 - 9.15)	6.87	(5.30 - 8.88)	0.795
Eastpointe	7.01	(5.40 - 9.05)	6.38	(5.01 - 8.09)	0.482
Partners Behavioral Health Management	7.41	(5.79 - 9.45)	7.30	(5.67 - 9.34)	0.906
Sandhills Center 1	7.10	(5.41 - 9.27)	7.24	(5.51 - 9.47)	0.892
Sandhills Center 2	7.30	(5.69 - 9.32)	7.45	(5.83 - 9.48)	0.871
Smoky Mountain Center 1	7.55	(5.85 - 9.68)	7.27	(5.66 - 9.30)	0.779
Smoky Mountain Center 2	7.89	(6.12 - 10.11)	7.29	(5.64 - 9.39)	0.574
Trillium Health Resources 1	7.27	(5.70 - 9.22)	7.24	(5.66 - 9.22)	0.977
Trillium Health Resources 2	7.48	(5.83 - 9.55)	7.97	(6.24 - 10.12)	0.626

See notes at end of table.

(continued)

Table 12 Major Depressive Episode in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
North Dakota	6.03	(5.14 - 7.06)	6.50	(5.64 - 7.48)	0.330
Badlands and West Central	5.56	(4.38 - 7.04)	6.04	(4.94 - 7.37)	0.483
Badlands	--	(-- --)	6.81	(5.26 - 8.79)	--
West Central	--	(-- --)	5.81	(4.59 - 7.33)	--
Lake Region	5.35	(4.13 - 6.91)	5.49	(4.21 - 7.14)	0.851
North Central	6.12	(4.85 - 7.70)	6.56	(5.13 - 8.35)	0.575
Northeast	6.18	(4.90 - 7.76)	7.21	(5.79 - 8.94)	0.206
Northwest	5.84	(4.48 - 7.59)	6.42	(4.94 - 8.31)	0.494
South Central	6.02	(4.60 - 7.83)	6.03	(4.64 - 7.79)	0.991
Southeast	6.53	(5.33 - 7.99)	6.93	(5.64 - 8.50)	0.588
Ohio	7.43	(6.76 - 8.15)	7.54	(6.81 - 8.33)	0.785
Boards 2, 46, 55, and 68	7.44	(6.03 - 9.15)	7.13	(5.56 - 9.11)	0.736
Boards 3, 52, and 85	7.65	(6.14 - 9.49)	7.04	(5.50 - 8.96)	0.541
Boards 4 and 78	7.51	(5.93 - 9.47)	7.29	(5.71 - 9.27)	0.825
Boards 5 and 60	7.51	(6.05 - 9.30)	8.27	(6.57 - 10.35)	0.449
Boards 7, 15, 41, 79, and 84	7.64	(6.12 - 9.49)	7.75	(6.06 - 9.87)	0.908
Boards 8, 13, and 83	7.56	(6.11 - 9.33)	6.91	(5.41 - 8.80)	0.488
Board 9 (Butler)	7.54	(6.13 - 9.25)	7.54	(5.92 - 9.56)	0.999
Board 12	7.33	(5.93 - 9.02)	7.54	(5.91 - 9.57)	0.818
Boards 18 and 47	7.45	(6.18 - 8.96)	7.28	(5.91 - 8.94)	0.831
Boards 20, 32, 54, and 69	7.33	(5.89 - 9.08)	7.38	(5.74 - 9.46)	0.956
Boards 21, 39, 51, 70, and 80	7.41	(5.96 - 9.17)	7.79	(6.13 - 9.86)	0.687
Boards 22, 74, and 87	7.41	(5.99 - 9.13)	7.76	(6.16 - 9.73)	0.711
Boards 23 and 45	7.77	(6.28 - 9.57)	8.32	(6.60 - 10.44)	0.581
Board 25 (Franklin)	7.23	(5.99 - 8.69)	7.86	(6.46 - 9.53)	0.412
Boards 27, 71, and 73	8.20	(6.60 - 10.14)	7.86	(6.18 - 9.94)	0.736
Boards 28, 43, and 67	7.40	(5.94 - 9.17)	7.30	(5.78 - 9.19)	0.919
Board 31 (Hamilton)	6.88	(5.59 - 8.44)	7.64	(6.09 - 9.54)	0.365
Board 48 (Lucas)	7.12	(5.75 - 8.78)	7.46	(5.84 - 9.48)	0.713
Boards 50 and 76	7.33	(5.95 - 9.01)	6.82	(5.41 - 8.55)	0.542
Board 57 (Montgomery)	7.56	(6.11 - 9.31)	8.01	(6.30 - 10.14)	0.640
Board 77 (Summit)	7.40	(5.98 - 9.11)	7.67	(6.01 - 9.75)	0.766
Oklahoma	7.19	(6.14 - 8.41)	7.04	(6.11 - 8.11)	0.784
Central	7.34	(5.75 - 9.33)	7.62	(6.03 - 9.57)	0.767
East Central	7.01	(5.52 - 8.87)	6.66	(5.17 - 8.54)	0.696
Northeast	6.84	(5.33 - 8.73)	7.02	(5.47 - 8.97)	0.844
Northwest and Southwest	7.10	(5.54 - 9.07)	7.05	(5.53 - 8.95)	0.957
Oklahoma County	6.96	(5.51 - 8.77)	6.98	(5.49 - 8.84)	0.983
Southeast	7.61	(5.93 - 9.72)	6.71	(5.23 - 8.57)	0.351
Tulsa County	7.50	(5.91 - 9.47)	7.22	(5.65 - 9.18)	0.770

See notes at end of table.

(continued)

Table 12 Major Depressive Episode in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Oregon	8.27	(7.06 - 9.67)	7.95	(6.95 - 9.09)	0.616
Region 1 (Multnomah)	8.31	(6.61 - 10.40)	9.52	(7.67 - 11.77)	0.226
Region 2	8.38	(6.65 - 10.51)	7.29	(5.88 - 9.01)	0.256
Region 3	8.60	(6.95 - 10.60)	8.24	(6.69 - 10.11)	0.716
Region 4	7.76	(6.03 - 9.93)	7.09	(5.57 - 8.97)	0.500
Region 5 (Central)	7.57	(5.71 - 9.97)	6.87	(5.19 - 9.05)	0.527
Region 6 (Eastern)	7.82	(6.00 - 10.14)	6.77	(5.23 - 8.71)	0.297
Pennsylvania	6.61	(5.95 - 7.34)	6.78	(6.12 - 7.49)	0.648
Region 1 (Allegheny)	6.21	(5.08 - 7.57)	7.06	(5.69 - 8.74)	0.247
Regions 3, 8, 9, and 51	7.06	(5.69 - 8.72)	7.49	(5.97 - 9.35)	0.622
Regions 4, 11, 37, and 49	6.64	(5.37 - 8.20)	6.89	(5.51 - 8.58)	0.753
Regions 5, 18, 23, 24, and 46	7.17	(5.80 - 8.85)	7.74	(6.18 - 9.65)	0.527
Regions 6, 12, 16, 31, 35, 45, and 47	6.84	(5.56 - 8.40)	7.35	(5.89 - 9.13)	0.540
Regions 7, 13, 20, and 33	6.41	(5.35 - 7.67)	6.02	(4.94 - 7.32)	0.538
Regions 10, 15, 27, 32, 43, and 44	6.89	(5.47 - 8.64)	6.32	(4.95 - 8.02)	0.487
Regions 17 and 21	6.93	(5.52 - 8.68)	6.99	(5.47 - 8.88)	0.949
Regions 19, 26, 28, and 42	6.66	(5.44 - 8.12)	7.13	(5.80 - 8.74)	0.536
Regions 22, 38, 40, 41, and 48	5.95	(4.68 - 7.54)	5.86	(4.61 - 7.43)	0.902
Regions 29 and 34	6.62	(5.29 - 8.25)	6.16	(4.82 - 7.85)	0.565
Regions 30 and 50	6.38	(5.09 - 7.97)	6.39	(5.01 - 8.10)	0.995
Region 36 (Philadelphia)	6.89	(5.65 - 8.38)	7.31	(5.95 - 8.94)	0.570
Rhode Island	7.91	(6.73 - 9.28)	7.14	(6.19 - 8.22)	0.194
Region 1: Southern Providence County	--	(-- --)	6.45	(5.02 - 8.24)	--
Region 2: Northern Providence County/Blackstone Valley	--	(-- --)	6.87	(5.40 - 8.70)	--
Region 3: Providence	--	(-- --)	8.10	(6.41 - 10.18)	--
Region 4: Kent County	--	(-- --)	6.81	(5.33 - 8.66)	--
Region 5: East Bay	--	(-- --)	8.26	(6.34 - 10.71)	--
Region 6: Newport County	--	(-- --)	6.59	(5.10 - 8.47)	--
Region 7: South County	--	(-- --)	7.28	(5.71 - 9.23)	--
South Carolina	6.48	(5.50 - 7.61)	6.53	(5.62 - 7.57)	0.922
Region 1	6.71	(5.31 - 8.45)	6.66	(5.31 - 8.32)	0.949
Region 2	6.49	(5.15 - 8.14)	6.89	(5.48 - 8.64)	0.623
Region 3	6.47	(5.03 - 8.28)	6.35	(4.97 - 8.08)	0.890
Region 4	6.20	(4.92 - 7.78)	6.17	(4.88 - 7.76)	0.968
South Dakota	5.49	(4.60 - 6.53)	6.31	(5.41 - 7.36)	0.114
Region 1	5.43	(4.28 - 6.86)	6.47	(5.12 - 8.13)	0.182
Region 2	5.22	(3.98 - 6.82)	6.04	(4.57 - 7.94)	0.329
Region 3	5.26	(4.11 - 6.72)	5.92	(4.66 - 7.50)	0.359
Region 4	5.99	(4.64 - 7.69)	6.29	(4.90 - 8.05)	0.707
Region 5	5.57	(4.37 - 7.08)	6.60	(5.27 - 8.24)	0.175

See notes at end of table.

(continued)

Table 12 Major Depressive Episode in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014		2014-2016		P Value
	2012-2014 (Estimate)	(95% Confidence Interval)	2014-2016 (Estimate)	(95% Confidence Interval)	
Tennessee	6.91	(5.93 - 8.03)	7.06	(6.12 - 8.12)	0.776
Region 1	7.00	(5.35 - 9.11)	6.95	(5.38 - 8.93)	0.954
Region 2	7.17	(5.67 - 9.02)	7.72	(6.17 - 9.62)	0.532
Region 3	7.09	(5.61 - 8.92)	7.18	(5.64 - 9.10)	0.919
Region 4 (Davidson)	7.04	(5.54 - 8.92)	7.37	(5.76 - 9.38)	0.707
Region 5	7.01	(5.58 - 8.78)	7.19	(5.70 - 9.04)	0.834
Region 6	6.64	(5.13 - 8.55)	6.64	(5.15 - 8.52)	0.998
Region 7 (Shelby)	6.23	(4.88 - 7.94)	5.93	(4.63 - 7.57)	0.696
Texas	6.46 ^a	(5.85 - 7.12)	5.53	(4.99 - 6.12)	0.006
Region 1	7.46	(6.06 - 9.15)	6.48	(5.11 - 8.20)	0.228
Region 2	6.78	(5.39 - 8.49)	6.36	(4.95 - 8.13)	0.620
Region 3	6.29 ^a	(5.46 - 7.24)	5.24	(4.49 - 6.10)	0.028
Region 3a	6.06 ^b	(5.07 - 7.23)	4.97	(4.09 - 6.03)	0.060
Region 3bc	6.71	(5.53 - 8.11)	5.70	(4.67 - 6.94)	0.143
Region 4	6.95	(5.60 - 8.61)	6.07	(4.83 - 7.61)	0.256
Region 5	6.96 ^b	(5.54 - 8.71)	5.43	(4.27 - 6.88)	0.057
Region 6	6.17	(5.19 - 7.33)	5.68	(4.78 - 6.74)	0.398
Region 6a	6.12	(5.07 - 7.38)	5.71	(4.74 - 6.86)	0.511
Region 6bc	6.62	(5.20 - 8.39)	5.47	(4.25 - 7.02)	0.150
Region 7	6.74	(5.76 - 7.88)	6.19	(5.24 - 7.29)	0.335
Region 7a	6.65	(5.46 - 8.09)	6.00	(4.85 - 7.40)	0.359
Region 7bcd	6.89	(5.60 - 8.46)	6.52	(5.27 - 8.03)	0.628
Region 8	6.56 ^a	(5.36 - 8.01)	5.07	(4.12 - 6.21)	0.026
Region 9	6.42	(5.15 - 7.98)	5.96	(4.62 - 7.64)	0.551
Region 10	6.64 ^a	(5.27 - 8.33)	4.92	(3.85 - 6.28)	0.025
Region 11	6.23 ^a	(5.19 - 7.48)	4.88	(4.04 - 5.89)	0.023
Region 11abd	6.29 ^b	(5.02 - 7.85)	5.01	(3.96 - 6.31)	0.083
Region 11c (Hidalgo)	6.14 ^a	(4.91 - 7.67)	4.66	(3.64 - 5.94)	0.048
Utah	8.52	(7.35 - 9.85)	7.53	(6.62 - 8.56)	0.109
Bear River, Northeastern, Summit, Tooele, and Wasatch	8.95	(7.11 - 11.20)	7.77	(6.10 - 9.86)	0.275
Central, Four Corners, San Juan, and Southwest	8.17	(6.46 - 10.30)	7.07	(5.77 - 8.65)	0.217
Central, Four Corners, and San Juan	--	(-- --)	6.75	(5.18 - 8.77)	--
Southwest	--	(-- --)	7.27	(5.62 - 9.35)	--
Davis County	9.28 ^b	(7.39 - 11.61)	7.36	(5.77 - 9.36)	0.067
Salt Lake County	7.85	(6.44 - 9.55)	7.36	(6.11 - 8.84)	0.555
Utah County	9.60	(7.81 - 11.75)	8.26	(6.69 - 10.15)	0.187
Weber, Morgan	8.19	(6.41 - 10.41)	7.29	(5.70 - 9.29)	0.370
Vermont	7.75	(6.64 - 9.03)	7.99	(6.91 - 9.23)	0.697
Champlain Valley	7.44	(6.08 - 9.07)	7.67	(6.25 - 9.37)	0.781
Rural Northeast	8.58	(6.72 - 10.90)	9.09	(7.11 - 11.55)	0.646
Rural Southeast	7.55	(5.95 - 9.55)	7.86	(6.20 - 9.92)	0.749
Rural Southwest	7.58	(5.97 - 9.58)	7.35	(5.73 - 9.39)	0.818

See notes at end of table.

(continued)

Table 12 Major Depressive Episode in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Virginia	7.14	(6.15 - 8.29)	7.77	(6.88 - 8.76)	0.270
Region 1	7.38	(5.89 - 9.22)	7.49	(6.04 - 9.25)	0.908
Region 2	6.68	(5.29 - 8.40)	7.73	(6.35 - 9.38)	0.210
Region 3	7.83	(6.20 - 9.85)	9.06	(7.30 - 11.20)	0.249
Region 4	7.12	(5.61 - 8.99)	7.38	(5.92 - 9.17)	0.771
Region 5	7.04	(5.66 - 8.73)	7.33	(6.03 - 8.88)	0.733
Washington¹	7.46	(6.45 - 8.60)	7.82	(6.80 - 8.98)	0.502
Region 1	7.43	(6.16 - 8.94)	7.49	(6.13 - 9.13)	0.940
Greater Columbia and North Central	7.42	(5.93 - 9.25)	7.36	(5.77 - 9.34)	0.946
Spokane	7.45	(5.85 - 9.45)	7.68	(5.92 - 9.89)	0.819
Region 2	7.50	(6.30 - 8.91)	7.99	(6.71 - 9.49)	0.501
King	7.48	(6.08 - 9.17)	8.00	(6.48 - 9.83)	0.541
North Sound	7.55	(6.01 - 9.45)	7.97	(6.29 - 10.06)	0.658
Region 3	7.40	(6.23 - 8.77)	7.80	(6.58 - 9.23)	0.537
Pierce	7.22	(5.75 - 9.03)	8.21	(6.46 - 10.39)	0.302
Salish	7.64	(5.95 - 9.77)	7.65	(5.82 - 9.99)	0.998
SW WA and Great Rivers	7.42	(5.81 - 9.43)	7.50	(5.79 - 9.66)	0.933
Thurston-Mason	7.52	(5.86 - 9.60)	7.63	(5.86 - 9.87)	0.913
West Virginia	7.85	(6.76 - 9.10)	8.31	(7.15 - 9.64)	0.464
Region I	7.79	(5.96 - 10.13)	8.23	(6.27 - 10.72)	0.703
Region II	8.26	(6.47 - 10.49)	7.57	(5.90 - 9.66)	0.498
Region III	8.15	(6.32 - 10.46)	8.69	(6.66 - 11.28)	0.629
Region IV	7.60	(6.12 - 9.40)	8.64	(6.90 - 10.77)	0.283
Region V	7.70	(6.16 - 9.60)	8.12	(6.39 - 10.28)	0.656
Region VI	7.95	(6.27 - 10.02)	8.60	(6.77 - 10.87)	0.547
Wisconsin	6.82	(5.80 - 8.00)	6.66	(5.72 - 7.74)	0.765
Milwaukee	6.64	(5.23 - 8.40)	6.58	(5.17 - 8.35)	0.947
Northeastern	7.12	(5.65 - 8.94)	6.54	(5.19 - 8.21)	0.475
Northern	6.61	(5.06 - 8.59)	6.25	(4.79 - 8.11)	0.691
Southeastern	6.83	(5.37 - 8.64)	6.48	(5.13 - 8.15)	0.666
Southern	6.71	(5.23 - 8.57)	7.05	(5.52 - 8.98)	0.714
Western	6.85	(5.30 - 8.81)	6.92	(5.42 - 8.79)	0.938

See notes at end of table.

(continued)

Table 12 Major Depressive Episode in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages, and P Values from Tests of Differences between Percentages, 2012-2014 and 2014-2016 NSDUHs (continued)

State/Substate Region	2012-2014 (Estimate)	2012-2014 (95% Confidence Interval)	2014-2016 (Estimate)	2014-2016 (95% Confidence Interval)	P Value
Wyoming	7.10	(6.12 - 8.21)	7.53	(6.55 - 8.64)	0.419
Judicial District 1 (Laramie)	7.23	(5.77 - 9.04)	7.80	(6.15 - 9.85)	0.541
Judicial District 2	7.41 ^b	(5.93 - 9.24)	9.06	(7.33 - 11.15)	0.080
Judicial District 3	7.11	(5.65 - 8.90)	7.94	(6.23 - 10.08)	0.375
Judicial District 4	7.14	(5.52 - 9.19)	6.94	(5.28 - 9.07)	0.845
Judicial District 5	6.82	(5.25 - 8.81)	6.29	(4.87 - 8.08)	0.554
Judicial District 6	6.88	(5.38 - 8.76)	6.86	(5.29 - 8.86)	0.986
Judicial District 7 (Natrona)	7.42	(5.79 - 9.47)	7.61	(5.95 - 9.69)	0.846
Judicial District 8	6.93	(5.39 - 8.86)	6.58	(5.06 - 8.52)	0.711
Judicial District 9	6.75	(5.21 - 8.71)	7.75	(5.97 - 9.99)	0.306

SPA = service planning area.

-- Not available. These regions were not defined consistently across the two time periods (i.e., 2012-2014 and 2014-2016); hence, the 2012-2014 estimates and *p* values are not available for these regions. The definitions of the substate regions listed in this table are provided in the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

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 significance levels for the null hypothesis of no change between the 2012-2014 and 2014-2016 population percentages. The "Total U.S." estimates, along with the 95 percent confidence intervals and the *p* values, are based on design-based (direct) estimation methods.

NOTE: Major depressive episode (MDE) is defined as in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV), which specifies a period of at least 2 weeks when an individual experienced a depressed mood or loss of interest or pleasure in daily activities and had a majority of specified depression symptoms. For details, see Section B of the "2015-2016 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

^a Difference between the 2012-2014 and 2014-2016 population percentages is statistically significant at the 0.05 level.

^b Difference between the 2012-2014 and 2014-2016 population percentages 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 (2012-2014 vs. 2014-2016). For details, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012-2016.

Methodology Used to Estimate the Bayes Significance Level for the Null Hypothesis of No Change between the 2012-2014 and 2014-2016 Substate Population Percentages

This discussion focuses on the methodology used to conduct statistical tests of significance for comparing National Survey on Drug Use and Health (NSDUH) substate population percentages between 2012-2014 and 2014-2016. Population percentages shown in [Tables 1 to 12](#) earlier in this document are based on small area estimation (SAE) procedures, and the methodology used to compare these population percentages is the same methodology used to compare the state small area estimates.¹ However, because some substate regions within 10 states (Arizona, Colorado, Illinois, Kansas, Minnesota, New Mexico, New York, North Dakota, Rhode Island, and Utah) were defined differently for the two time periods (i.e., 2012-2014 and 2014-2016), significance test results (based on the Bayes posterior probability of no change: p value) could not be produced for these substate regions. In this document's tables, a double hyphen ("--") is used to denote substate regions that were not defined consistently across the two time periods. For more details about the substate regions that had definitions that changed, see the document on the "2014-2016 NSDUH Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Comparisons of substate population percentages between 2012-2014 and 2014-2016 were made only for individuals aged 12 or older except for the underage alcohol use outcome in [Table 5](#) (where comparisons were made for individuals aged 12 to 20) and for four mental health outcomes on serious mental illness, any mental illness, serious thoughts of suicide, and major depressive episode in [Tables 9 through 12](#), respectively (where comparisons were made for adults aged 18 or older).

To determine whether differences between substate prevalence rates over two time periods were statistically significant, let $\pi_{s(1)}$ and $\pi_{s(2)}$ denote the 2012-2014 and 2014-2016 prevalence rates, respectively, for substate- s . The difference between $\pi_{s(1)}$ and $\pi_{s(2)}$ is defined in terms of the log-odds ratio lor_s as opposed to the simple difference because the posterior distribution of the lor_s is closer to Gaussian than the posterior distribution of the simple difference, $(\pi_{s(2)} - \pi_{s(1)})$. The lor_s is defined as follows:

¹ For details, see the "Comparison of the 2014-2015 and 2015-2016 NSDUH State Prevalence Estimates" at <https://www.samhsa.gov/data/>.

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

In this equation, the \ln denotes the natural logarithm. The p value given in each of the tables in this document (i.e., Tables 1 to 12) is computed to test the null hypothesis of no difference; 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 2012-2014 substate estimates presented in the "2012-2014 NSDUH Substate Region Estimates: Excel Tables" at <https://www.samhsa.gov/data/>, and the $p_{s(2)}$ are the 2014-2016 substate estimates presented in the "2014-2016 NSDUH Substate Region Estimates: Excel Tables" at <https://www.samhsa.gov/data/>.

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 $v[\ln(\hat{\theta}_1)]$ and $v[\ln(\hat{\theta}_2)]$ used here to calculate $v(\hat{lor}_s)$ are the same variances used in calculating the 2012-2014 Bayesian confidence intervals (CIs) and the 2014-2016 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 2012-2013, 2014, and the 2015-2016 NSDUH data using a method similar to obtaining the correlation for producing state-level estimates of $v(\hat{lor}_s)$.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 significance level for the null hypothesis of no difference is $p \text{ value} = 2 * P[Z \geq abs(z)]$, 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 . This Bayesian significance level (or

p value) for the null value of lor , say lor_0 , is defined following Rubin,³ as the posterior probability for the collection of the lor values that are less likely or have smaller posterior density $d(lor)$ than the null (no change) value lor_0 . That is,

$p \text{ value}(lor_0) = probability[d(lor) \leq d(lor_0)]$. With the posterior distribution of lor approximately normal, $p \text{ value}(lor_0)$ is given by the above expression.

² See footnote 1.

³ Rubin, D. B. (1987). *Multiple imputation for nonresponse in surveys* (Wiley Series in Probability and Mathematical Statistics: Applied Probability and Statistics). New York, NY: John Wiley & Sons.

