Table 36.1 *Any Illicit Drug Use in Past Month and Any Illicit Drug Use Other Than Marijuana in Past Month* **in Ohio among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs**

State/Substate Region	Any Illicit Drug Use in Past Month		Any Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Ohio	8.01	(7.44 - 8.62)	3.35	(2.99 - 3.76)
Boards 2, 46, 55, and 68	6.79	(5.37 - 8.56)	3.15	(2.45 - 4.06)
Boards 3, 52, and 85	5.99	(4.69 - 7.63)	2.96	(2.27 - 3.85)
Boards 4 and 78	7.85	(6.06 - 10.10)	3.30	(2.50 - 4.35)
Boards 5 and 60	8.28	(6.47 - 10.53)	3.91	(3.02 - 5.06)
Boards 7, 15, 41, 79, and 84	7.00	(5.46 - 8.93)	3.21	(2.48 - 4.16)
Boards 8, 13, and 83	7.61	(5.98 - 9.62)	3.43	(2.65 - 4.43)
Board 9 (Butler)	7.57	(6.02 - 9.48)	3.32	(2.59 - 4.26)
Board 12	8.74	(6.93 - 10.96)	3.42	(2.65 - 4.40)
Boards 18 and 47	8.21	(6.94 - 9.69)	3.34	(2.65 - 4.20)
Boards 20, 32, 54, and 69	5.66	(4.31 - 7.40)	3.07	(2.34 - 4.02)
Boards 21, 39, 51, 70, and 80	6.98	(5.52 - 8.80)	3.01	(2.32 - 3.89)
Boards 22, 74, and 87	6.59	(5.10 - 8.47)	2.93	(2.19 - 3.91)
Boards 23 and 45	6.97	(5.43 - 8.91)	3.26	(2.50 - 4.25)
Board 25 (Franklin)	9.39	(7.89 - 11.14)	3.75	(2.99 - 4.69)
Boards 27, 71, and 73	6.25	(4.82 - 8.08)	3.20	(2.45 - 4.18)
Boards 28, 43, and 67	6.74	(5.39 - 8.39)	3.31	(2.57 - 4.25)
Board 31 (Hamilton)	8.86	(7.23 - 10.82)	3.38	(2.64 - 4.32)
Board 48 (Lucas)	9.16	(7.30 - 11.44)	3.38	(2.60 - 4.37)
Board 50 and 76	8.40	(6.72 - 10.46)	3.37	(2.60 - 4.38)
Board 57 (Montgomery)	11.63	(9.31 - 14.42)	3.77	(2.86 - 4.96)
Board 77 (Summit)	8.47	(6.78 - 10.52)	3.22	(2.45 - 4.22)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health.*

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

NOTE: Any Illicit Drug includes marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or any prescription-type psychotherapeutic used nonmedically. Any Illicit Drug Other Than Marijuana includes cocaine (including crack), heroin, hallucinogens, inhalants, or any prescription-type psychotherapeutic used nonmedically.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Table 36.2 *Marijuana Use in Past Month, Average Annual Rate of First Use of Marijuana, and Perceptions of Great Risk of Smoking Marijuana Once a Month* **in Ohio among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs**

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana[1]		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Ohio	6.36	(5.84 - 6.93)	1.82	(1.69 - 1.96)	39.14	(37.72 - 40.58)
Boards 2, 46, 55, and 68	5.34	(4.05 - 7.00)	1.70	(1.35 - 2.16)	40.94	(36.68 - 45.34)
Boards 3, 52, and 85	4.94	(3.75 - 6.49)	1.45	(1.10 - 1.90)	41.14	(36.65 - 45.78)
Boards 4 and 78	6.03	(4.61 - 7.85)	1.56	(1.19 - 2.03)	43.15	(37.92 - 48.55)
Boards 5 and 60	5.96	(4.58 - 7.72)	1.75	(1.33 - 2.31)	40.74	(36.18 - 45.46)
Boards 7, 15, 41, 79, and 84	5.28	(3.97 - 6.99)	1.51	(1.18 - 1.92)	45.96	(41.21 - 50.78)
Boards 8, 13, and 83	5.82	(4.44 - 7.59)	1.64	(1.27 - 2.12)	35.82	(31.40 - 40.50)
Board 9 (Butler)	6.68	(5.18 - 8.58)	2.78	(2.14 - 3.60)	37.73	(33.04 - 42.66)
Board 12	7.70	(5.89 - 10.00)	1.75	(1.32 - 2.31)	39.72	(34.92 - 44.73)
Boards 18 and 47	6.41	(5.32 - 7.70)	1.74	(1.46 - 2.07)	35.98	(32.73 - 39.36)
Boards 20, 32, 54, and 69	4.19	(3.06 - 5.71)	1.49	(1.12 - 1.97)	43.75	(38.76 - 48.86)
Boards 21, 39, 51, 70, and 80	5.37	(4.18 - 6.87)	1.53	(1.19 - 1.97)	37.93	(33.31 - 42.79)
Boards 22, 74, and 87	5.48	(4.09 - 7.30)	1.69	(1.29 - 2.22)	41.60	(36.68 - 46.69)
Boards 23 and 45	5.18	(3.91 - 6.85)	1.57	(1.17 - 2.10)	38.58	(33.85 - 43.54)
Board 25 (Franklin)	7.24	(5.98 - 8.74)	2.23	(1.85 - 2.69)	37.23	(33.80 - 40.79)
Boards 27, 71, and 73	4.78	(3.56 - 6.40)	1.41	(1.09 - 1.84)	46.12	(41.44 - 50.87)
Boards 28, 43, and 67	5.00	(3.84 - 6.48)	1.48	(1.16 - 1.89)	39.29	(34.83 - 43.94)
Board 31 (Hamilton)	7.30	(5.81 - 9.13)	2.17	(1.74 - 2.69)	37.47	(33.43 - 41.69)
Board 48 (Lucas)	7.70	(6.11 - 9.67)	2.29	(1.84 - 2.86)	37.88	(33.57 - 42.40)
Board 50 and 76	6.70	(5.22 - 8.55)	1.79	(1.41 - 2.27)	41.05	(36.62 - 45.63)
Board 57 (Montgomery)	9.55	(7.52 - 12.05)	2.49	(1.92 - 3.23)	36.30	(31.87 - 40.97)
Board 77 (Summit)	7.26	(5.71 - 9.18)	1.78	(1.40 - 2.25)	38.00	(33.57 - 42.64)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health.*

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

[1] Average Annual Rate = [100*{(Number of Marijuana Initiates in past 24 months)/[(Number of Marijuana Initiates in past 24 months * 0.5) + Number of persons who never used marijuana]}/2]. Both the computation components, Number of Marijuana Initiates in past 24 months and Number of persons who never used marijuana, are based on a survey-weighted hierarchical Bayes estimation approach. Note that the age group is based on a respondent's age at the time of the interview, not his or her age at first use. The prediction intervals for Average Annual Rate of First Use of Marijuana use a simultaneous solution for First Use of Marijuana and Never Used Marijuana outcomes, which had random effects that were allowed to be correlated across the two outcomes. The associated Markov Chain Monte Carlo chains were used to calculate the posterior variance.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Table 36.3 *Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year* **in Ohio among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs**

State/Substate Region	Marijuana Use in Past Year		Cocaine Use in Past Year		Nonmedical Use of Pain Relievers in Past Year	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Ohio	10.70	(10.03 - 11.40)	2.34	(2.03 - 2.70)	4.73	(4.29 - 5.21)
Boards 2, 46, 55, and 68	9.47	(7.66 - 11.65)	2.00	(1.47 - 2.70)	4.65	(3.67 - 5.87)
Boards 3, 52, and 85	8.36	(6.64 - 10.48)	1.75	(1.28 - 2.40)	4.22	(3.27 - 5.44)
Boards 4 and 78	9.93	(7.88 - 12.45)	2.28	(1.67 - 3.09)	4.96	(3.84 - 6.38)
Boards 5 and 60	10.44	(8.49 - 12.78)	2.47	(1.85 - 3.29)	5.07	(3.93 - 6.52)
Boards 7, 15, 41, 79, and 84	9.23	(7.46 - 11.37)	2.18	(1.62 - 2.93)	4.47	(3.47 - 5.73)
Boards 8, 13, and 83	10.08	(8.18 - 12.38)	1.92	(1.44 - 2.57)	5.26	(4.12 - 6.68)
Board 9 (Butler)	11.36	(9.28 - 13.85)	2.25	(1.67 - 3.03)	5.68	(4.40 - 7.30)
Board 12	10.78	(8.71 - 13.26)	2.27	(1.70 - 3.03)	5.07	(3.92 - 6.55)
Boards 18 and 47	11.15	(9.62 - 12.89)	2.30	(1.72 - 3.06)	4.13	(3.33 - 5.11)
Boards 20, 32, 54, and 69	8.24	(6.47 - 10.45)	1.96	(1.45 - 2.65)	4.27	(3.27 - 5.54)
Boards 21, 39, 51, 70, and 80	8.96	(7.30 - 10.96)	1.99	(1.51 - 2.63)	4.51	(3.52 - 5.76)
Boards 22, 74, and 87	9.73	(7.84 - 12.03)	2.06	(1.53 - 2.76)	4.16	(3.19 - 5.42)
Boards 23 and 45	8.60	(6.85 - 10.75)	2.09	(1.56 - 2.79)	5.06	(3.98 - 6.41)
Board 25 (Franklin)	13.04	(11.22 - 15.09)	2.95	(2.28 - 3.80)	5.49	(4.50 - 6.69)
Boards 27, 71, and 73	7.99	(6.38 - 9.96)	1.99	(1.48 - 2.67)	5.13	(4.07 - 6.45)
Boards 28, 43, and 67	8.15	(6.61 - 10.01)	2.05	(1.54 - 2.72)	4.69	(3.71 - 5.90)
Board 31 (Hamilton)	11.78	(9.87 - 14.01)	2.71	(1.95 - 3.75)	4.52	(3.57 - 5.72)
Board 48 (Lucas)	12.31	(10.19 - 14.81)	2.36	(1.68 - 3.31)	4.62	(3.59 - 5.93)
Board 50 and 76	10.92	(8.93 - 13.27)	2.46	(1.81 - 3.33)	4.96	(3.86 - 6.34)
Board 57 (Montgomery)	15.41	(12.68 - 18.59)	2.79	(2.00 - 3.89)	5.24	(4.09 - 6.69)
Board 77 (Summit)	11.10	(9.16 - 13.38)	2.77	(2.02 - 3.79)	4.12	(3.24 - 5.23)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health.*

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Table 36.4 *Alcohol Use in Past Month, Binge Alcohol Use in Past Month, and Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week* **in Ohio among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs**

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month[1]		Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Ohio	51.34	(49.93 - 52.74)	23.88	(22.80 - 24.99)	37.85	(36.55 - 39.16)
Boards 2, 46, 55, and 68	49.07	(44.33 - 53.82)	22.18	(19.40 - 25.23)	34.99	(31.13 - 39.06)
Boards 3, 52, and 85	50.44	(45.55 - 55.31)	21.82	(18.81 - 25.17)	37.25	(33.15 - 41.55)
Boards 4 and 78	48.43	(42.92 - 53.98)	24.76	(21.40 - 28.46)	38.39	(34.09 - 42.89)
Boards 5 and 60	46.62	(41.52 - 51.80)	26.66	(23.20 - 30.43)	35.61	(31.56 - 39.88)
Boards 7, 15, 41, 79, and 84	46.77	(41.49 - 52.11)	23.12	(19.97 - 26.61)	36.54	(32.45 - 40.84)
Boards 8, 13, and 83	50.23	(45.19 - 55.27)	21.63	(18.58 - 25.03)	36.46	(32.50 - 40.60)
Board 9 (Butler)	53.00	(47.69 - 58.25)	24.99	(21.78 - 28.51)	37.06	(32.97 - 41.35)
Board 12	48.27	(43.27 - 53.30)	22.30	(19.30 - 25.62)	39.80	(35.55 - 44.20)
Boards 18 and 47	54.85	(51.57 - 58.08)	22.86	(20.51 - 25.39)	39.93	(36.92 - 43.02)
Boards 20, 32, 54, and 69	50.28	(44.92 - 55.63)	23.90	(20.66 - 27.48)	34.58	(30.52 - 38.88)
Boards 21, 39, 51, 70, and 80	51.34	(46.22 - 56.43)	23.61	(20.48 - 27.06)	35.32	(31.34 - 39.51)
Boards 22, 74, and 87	50.38	(44.89 - 55.87)	24.32	(21.08 - 27.88)	36.43	(32.29 - 40.78)
Boards 23 and 45	52.90	(47.75 - 57.99)	23.15	(20.16 - 26.43)	35.13	(31.05 - 39.45)
Board 25 (Franklin)	55.49	(51.94 - 58.98)	26.42	(23.86 - 29.15)	37.78	(34.72 - 40.94)
Boards 27, 71, and 73	37.28	(32.56 - 42.27)	20.99	(17.95 - 24.38)	37.00	(33.04 - 41.13)
Boards 28, 43, and 67	53.64	(48.92 - 58.29)	24.37	(21.31 - 27.71)	36.83	(32.96 - 40.87)
Board 31 (Hamilton)	55.25	(50.98 - 59.44)	26.56	(23.41 - 29.97)	39.33	(35.59 - 43.19)
Board 48 (Lucas)	50.46	(45.87 - 55.03)	25.40	(22.18 - 28.91)	38.99	(35.21 - 42.91)
Board 50 and 76	53.25	(48.50 - 57.93)	24.64	(21.45 - 28.14)	37.34	(33.39 - 41.46)
Board 57 (Montgomery)	48.87	(44.03 - 53.73)	23.07	(19.99 - 26.47)	40.27	(36.27 - 44.39)
Board 77 (Summit)	51.48	(46.81 - 56.13)	22.45	(19.50 - 25.71)	41.00	(36.89 - 45.24)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health.*

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

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

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

OHIO

Table 36.5 *Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20* **in Ohio, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs**

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20		Binge Alcohol Use in Past Month among Persons Aged 12 to 20[1]	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Ohio	29.66	(28.47 - 30.88)	20.96	(19.88 - 22.10)
Boards 2, 46, 55, and 68	29.98	(26.22 - 34.03)	20.51	(17.30 - 24.15)
Boards 3, 52, and 85	29.42	(25.31 - 33.89)	21.28	(17.63 - 25.44)
Boards 4 and 78	29.99	(25.76 - 34.58)	22.05	(18.43 - 26.14)
Boards 5 and 60	30.47	(25.93 - 35.44)	24.22	(20.26 - 28.67)
Boards 7, 15, 41, 79, and 84	32.17	(27.89 - 36.77)	22.36	(18.70 - 26.51)
Boards 8, 13, and 83	27.62	(23.72 - 31.90)	18.67	(15.44 - 22.40)
Board 9 (Butler)	32.64	(28.37 - 37.21)	23.32	(19.77 - 27.29)
Board 12	26.46	(22.29 - 31.10)	20.28	(16.68 - 24.42)
Boards 18 and 47	30.15	(27.35 - 33.12)	20.45	(17.92 - 23.23)
Boards 20, 32, 54, and 69	29.80	(25.71 - 34.25)	22.94	(19.37 - 26.95)
Boards 21, 39, 51, 70, and 80	27.88	(23.97 - 32.15)	20.67	(17.49 - 24.26)
Boards 22, 74, and 87	31.30	(27.09 - 35.83)	22.34	(18.72 - 26.43)
Boards 23 and 45	29.71	(25.62 - 34.16)	21.85	(18.28 - 25.90)
Board 25 (Franklin)	30.25	(27.21 - 33.46)	21.21	(18.59 - 24.10)
Boards 27, 71, and 73	24.19	(20.54 - 28.27)	18.08	(14.87 - 21.81)
Boards 28, 43, and 67	32.35	(28.61 - 36.34)	24.39	(21.00 - 28.14)
Board 31 (Hamilton)	29.70	(26.23 - 33.41)	19.92	(17.09 - 23.10)
Board 48 (Lucas)	29.53	(26.18 - 33.13)	20.33	(17.35 - 23.68)
Board 50 and 76	32.58	(28.69 - 36.71)	22.33	(18.95 - 26.11)
Board 57 (Montgomery)	26.87	(22.86 - 31.28)	18.96	(15.71 - 22.70)
Board 77 (Summit)	27.95	(24.17 - 32.08)	18.10	(15.15 - 21.47)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health.*

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

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

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Table 36.6 *Cigarette Use in Past Month, Any Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day* **in Ohio among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs**

State/Substate Region	Cigarette Use in Past Month		Any Tobacco Product Use in Past Month[1]		Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Ohio	29.70	(28.45 - 30.99)	35.14	(33.79 - 36.50)	68.89	(67.60 - 70.15)
Boards 2, 46, 55, and 68	32.43	(28.87 - 36.20)	38.62	(34.66 - 42.73)	64.96	(61.39 - 68.37)
Boards 3, 52, and 85	28.77	(25.34 - 32.47)	33.68	(29.84 - 37.75)	68.15	(64.61 - 71.49)
Boards 4 and 78	31.01	(27.28 - 35.01)	36.61	(32.30 - 41.15)	67.10	(63.44 - 70.56)
Boards 5 and 60	33.76	(29.99 - 37.75)	40.40	(36.24 - 44.70)	64.41	(60.66 - 68.00)
Boards 7, 15, 41, 79, and 84	33.18	(29.35 - 37.25)	38.01	(33.80 - 42.40)	65.55	(61.74 - 69.18)
Boards 8, 13, and 83	29.88	(26.46 - 33.54)	36.39	(32.43 - 40.55)	67.50	(63.95 - 70.87)
Board 9 (Butler)	30.43	(26.90 - 34.20)	37.06	(32.87 - 41.46)	68.69	(65.15 - 72.02)
Board 12	28.75	(25.21 - 32.57)	34.18	(30.38 - 38.18)	69.88	(66.50 - 73.05)
Boards 18 and 47	27.87	(25.28 - 30.61)	32.70	(29.90 - 35.64)	71.00	(68.25 - 73.60)
Boards 20, 32, 54, and 69	28.50	(24.91 - 32.38)	33.51	(29.55 - 37.72)	66.31	(62.62 - 69.80)
Boards 21, 39, 51, 70, and 80	29.75	(26.25 - 33.51)	35.48	(31.53 - 39.65)	67.72	(64.17 - 71.07)
Boards 22, 74, and 87	29.01	(25.53 - 32.75)	34.32	(30.38 - 38.49)	68.77	(65.13 - 72.20)
Boards 23 and 45	28.78	(25.35 - 32.47)	34.13	(30.28 - 38.21)	68.38	(64.90 - 71.66)
Board 25 (Franklin)	30.05	(27.26 - 32.99)	35.55	(32.54 - 38.67)	70.08	(67.10 - 72.90)
Boards 27, 71, and 73	33.73	(29.89 - 37.80)	39.88	(35.70 - 44.21)	63.94	(60.13 - 67.59)
Boards 28, 43, and 67	26.69	(23.75 - 29.85)	31.52	(28.09 - 35.16)	70.24	(66.85 - 73.42)
Board 31 (Hamilton)	28.23	(25.10 - 31.58)	33.79	(30.29 - 37.47)	71.92	(68.92 - 74.74)
Board 48 (Lucas)	28.78	(25.36 - 32.47)	33.44	(29.72 - 37.38)	72.26	(68.97 - 75.32)
Board 50 and 76	29.69	(26.44 - 33.15)	35.46	(31.71 - 39.38)	68.71	(65.37 - 71.87)
Board 57 (Montgomery)	30.52	(27.01 - 34.27)	35.94	(32.00 - 40.08)	68.87	(65.34 - 72.19)
Board 77 (Summit)	29.37	(26.00 - 32.97)	34.31	(30.68 - 38.13)	70.78	(67.52 - 73.85)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health.*

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

[1] Any Tobacco product includes cigarettes, smokeless tobacco (i.e., chewing tobacco or snuff), cigars, or pipe tobacco.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Table 36.7 *Alcohol Dependence in Past Year and Any Illicit Drug Dependence in Past Year* in Ohio among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

State/Substate Region	Alcohol Dependence in Past Year		Any Illicit Drug Dependence in Past Year[1]	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Ohio	3.27	(2.87 - 3.73)	1.99	(1.74 - 2.27)
Boards 2, 46, 55, and 68	2.73	(2.05 - 3.63)	1.68	(1.21 - 2.33)
Boards 3, 52, and 85	2.70	(2.00 - 3.62)	1.68	(1.23 - 2.31)
Boards 4 and 78	3.08	(2.30 - 4.10)	1.94	(1.43 - 2.62)
Boards 5 and 60	3.39	(2.58 - 4.44)	2.17	(1.60 - 2.94)
Boards 7, 15, 41, 79, and 84	3.10	(2.32 - 4.13)	1.84	(1.35 - 2.51)
Boards 8, 13, and 83	2.75	(2.06 - 3.66)	2.13	(1.56 - 2.89)
Board 9 (Butler)	3.34	(2.56 - 4.35)	2.17	(1.60 - 2.94)
Board 12	3.34	(2.55 - 4.37)	2.15	(1.58 - 2.90)
Boards 18 and 47	3.41	(2.66 - 4.36)	1.92	(1.46 - 2.52)
Boards 20, 32, 54, and 69	2.97	(2.23 - 3.94)	1.88	(1.36 - 2.60)
Boards 21, 39, 51, 70, and 80	2.97	(2.20 - 4.01)	1.72	(1.23 - 2.38)
Boards 22, 74, and 87	3.15	(2.37 - 4.19)	1.69	(1.22 - 2.35)
Boards 23 and 45	2.91	(2.17 - 3.89)	1.68	(1.23 - 2.30)
Board 25 (Franklin)	3.98	(3.15 - 5.02)	2.37	(1.81 - 3.09)
Boards 27, 71, and 73	2.96	(2.24 - 3.91)	1.89	(1.39 - 2.56)
Boards 28, 43, and 67	3.52	(2.66 - 4.65)	1.79	(1.34 - 2.38)
Board 31 (Hamilton)	3.26	(2.45 - 4.32)	2.25	(1.68 - 3.02)
Board 48 (Lucas)	3.46	(2.64 - 4.54)	1.86	(1.34 - 2.57)
Board 50 and 76	3.32	(2.50 - 4.39)	1.86	(1.36 - 2.54)
Board 57 (Montgomery)	3.38	(2.56 - 4.44)	2.41	(1.76 - 3.30)
Board 77 (Summit)	3.39	(2.54 - 4.52)	2.10	(1.54 - 2.86)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

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

[1] Any Illicit Drug includes marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or any prescription-type psychotherapeutic used nonmedically.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Table 36.8 *Alcohol Dependence or Abuse in Past Year, Any Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year* **in Ohio among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs**

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Any Illicit Drug Dependence or Abuse in Past Year[1]		Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year[1]	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Ohio	7.54	(6.95 - 8.18)	2.95	(2.63 - 3.31)	9.20	(8.53 - 9.91)
Boards 2, 46, 55, and 68	6.83	(5.54 - 8.39)	2.81	(2.15 - 3.66)	8.37	(6.91 - 10.10)
Boards 3, 52, and 85	6.88	(5.53 - 8.53)	2.72	(2.10 - 3.52)	8.05	(6.57 - 9.83)
Boards 4 and 78	7.55	(6.09 - 9.33)	2.89	(2.22 - 3.76)	9.31	(7.58 - 11.38)
Boards 5 and 60	8.14	(6.69 - 9.86)	3.11	(2.39 - 4.03)	9.66	(7.92 - 11.74)
Boards 7, 15, 41, 79, and 84	7.12	(5.80 - 8.71)	2.93	(2.26 - 3.78)	8.65	(7.13 - 10.47)
Boards 8, 13, and 83	6.41	(5.20 - 7.89)	3.26	(2.51 - 4.23)	8.38	(6.93 - 10.11)
Board 9 (Butler)	7.75	(6.33 - 9.44)	3.10	(2.39 - 4.00)	9.45	(7.82 - 11.39)
Board 12	7.28	(5.86 - 9.01)	3.21	(2.48 - 4.13)	9.02	(7.48 - 10.85)
Boards 18 and 47	7.32	(6.14 - 8.70)	2.68	(2.12 - 3.37)	8.83	(7.54 - 10.31)
Boards 20, 32, 54, and 69	7.17	(5.86 - 8.75)	2.89	(2.20 - 3.78)	8.81	(7.27 - 10.63)
Boards 21, 39, 51, 70, and 80	7.06	(5.78 - 8.59)	2.73	(2.11 - 3.53)	8.61	(7.15 - 10.34)
Boards 22, 74, and 87	7.53	(6.11 - 9.24)	2.76	(2.13 - 3.58)	9.23	(7.59 - 11.18)
Boards 23 and 45	7.69	(6.19 - 9.52)	2.71	(2.08 - 3.54)	9.15	(7.47 - 11.15)
Board 25 (Franklin)	8.91	(7.62 - 10.38)	3.32	(2.67 - 4.13)	10.86	(9.32 - 12.63)
Boards 27, 71, and 73	6.71	(5.37 - 8.35)	2.87	(2.20 - 3.73)	8.23	(6.72 - 10.05)
Boards 28, 43, and 67	7.68	(6.31 - 9.32)	2.72	(2.10 - 3.52)	8.96	(7.45 - 10.75)
Board 31 (Hamilton)	7.32	(6.03 - 8.84)	3.01	(2.34 - 3.86)	9.03	(7.54 - 10.79)
Board 48 (Lucas)	8.03	(6.57 - 9.77)	2.66	(2.04 - 3.45)	9.71	(8.05 - 11.67)
Board 50 and 76	7.45	(6.05 - 9.13)	2.81	(2.17 - 3.65)	8.95	(7.37 - 10.83)
Board 57 (Montgomery)	8.29	(6.75 - 10.14)	3.62	(2.73 - 4.80)	10.64	(8.80 - 12.81)
Board 77 (Summit)	7.97	(6.44 - 9.84)	3.26	(2.54 - 4.18)	9.80	(8.13 - 11.75)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health.*

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

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

[1] Any Illicit Drug includes marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or any prescription-type psychotherapeutic used nonmedically.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Table 36.9 *Needing But Not Receiving Treatment for Alcohol Use in Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in Past Year* **in Ohio among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs**

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year[1]		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year[2]	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Ohio	7.10	(6.50 - 7.76)	2.59	(2.32 - 2.90)
Boards 2, 46, 55, and 68	6.51	(5.25 - 8.04)	2.42	(1.90 - 3.07)
Boards 3, 52, and 85	6.50	(5.28 - 8.00)	2.33	(1.82 - 2.98)
Boards 4 and 78	7.03	(5.64 - 8.72)	2.54	(1.97 - 3.28)
Boards 5 and 60	7.76	(6.34 - 9.47)	2.71	(2.10 - 3.48)
Boards 7, 15, 41, 79, and 84	6.52	(5.25 - 8.05)	2.48	(1.93 - 3.20)
Boards 8, 13, and 83	6.05	(4.84 - 7.53)	2.73	(2.14 - 3.46)
Board 9 (Butler)	7.48	(6.11 - 9.13)	2.90	(2.23 - 3.75)
Board 12	7.00	(5.72 - 8.55)	2.87	(2.25 - 3.66)
Boards 18 and 47	7.01	(5.90 - 8.31)	2.32	(1.86 - 2.91)
Boards 20, 32, 54, and 69	6.78	(5.44 - 8.42)	2.46	(1.93 - 3.14)
Boards 21, 39, 51, 70, and 80	6.65	(5.39 - 8.17)	2.35	(1.83 - 3.01)
Boards 22, 74, and 87	7.19	(5.86 - 8.78)	2.40	(1.85 - 3.10)
Boards 23 and 45	7.40	(5.94 - 9.17)	2.38	(1.84 - 3.07)
Board 25 (Franklin)	8.30	(7.00 - 9.82)	2.93	(2.36 - 3.64)
Boards 27, 71, and 73	6.33	(5.08 - 7.86)	2.56	(2.00 - 3.27)
Boards 28, 43, and 67	7.24	(5.96 - 8.77)	2.29	(1.80 - 2.91)
Board 31 (Hamilton)	6.82	(5.59 - 8.30)	2.73	(2.12 - 3.50)
Board 48 (Lucas)	7.59	(6.20 - 9.27)	2.62	(1.98 - 3.46)
Board 50 and 76	6.94	(5.60 - 8.58)	2.37	(1.86 - 3.02)
Board 57 (Montgomery)	7.70	(6.27 - 9.42)	3.22	(2.38 - 4.34)
Board 77 (Summit)	7.36	(5.95 - 9.09)	2.88	(2.24 - 3.68)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health.*

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

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

[2] Needing But Not Receiving Treatment refers to respondents classified as needing treatment for illicit drugs, but not receiving treatment for an illicit drug problem at a specialty facility (i.e., drug and alcohol rehabilitation facilities [inpatient or outpatient], hospitals [inpatient only], and mental health centers). Illicit Drugs include marijuana/hashish, cocaine (including crack), inhalants, hallucinogens, heroin, or prescription-type psychotherapeutic (nonmedical use).

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Table 36.10 *Serious Psychological Distress in Past Year* **in Ohio among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs**

State/Substate Region	Serious Psychological Distress in Past Year	
	Estimate	**95% Prediction Interval**
Ohio	9.91	(9.09 - 10.79)
Boards 2, 46, 55, and 68	9.15	(7.21 - 11.55)
Boards 3, 52, and 85	9.57	(7.49 - 12.14)
Boards 4 and 78	9.16	(7.14 - 11.68)
Boards 5 and 60	11.03	(8.66 - 13.94)
Boards 7, 15, 41, 79, and 84	10.21	(8.00 - 12.95)
Boards 8, 13, and 83	10.17	(8.04 - 12.78)
Board 9 (Butler)	9.64	(7.57 - 12.19)
Board 12	9.91	(7.78 - 12.56)
Boards 18 and 47	8.89	(7.35 - 10.73)
Boards 20, 32, 54, and 69	9.07	(7.00 - 11.67)
Boards 21, 39, 51, 70, and 80	9.34	(7.34 - 11.81)
Boards 22, 74, and 87	9.83	(7.72 - 12.45)
Boards 23 and 45	9.78	(7.68 - 12.39)
Board 25 (Franklin)	10.65	(8.80 - 12.83)
Boards 27, 71, and 73	11.57	(9.08 - 14.64)
Boards 28, 43, and 67	9.24	(7.38 - 11.50)
Board 31 (Hamilton)	10.25	(8.21 - 12.73)
Board 48 (Lucas)	9.90	(7.76 - 12.54)
Board 50 and 76	9.55	(7.50 - 12.08)
Board 57 (Montgomery)	10.84	(8.57 - 13.63)
Board 77 (Summit)	11.15	(8.79 - 14.05)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

NOTE: Serious Psychological Distress (SPD) was referred to as Serious Mental Illness (SMI) in prior NSDUH reports.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure 36.1.1 *Any Illicit Drug Use in Past Month* among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health.*
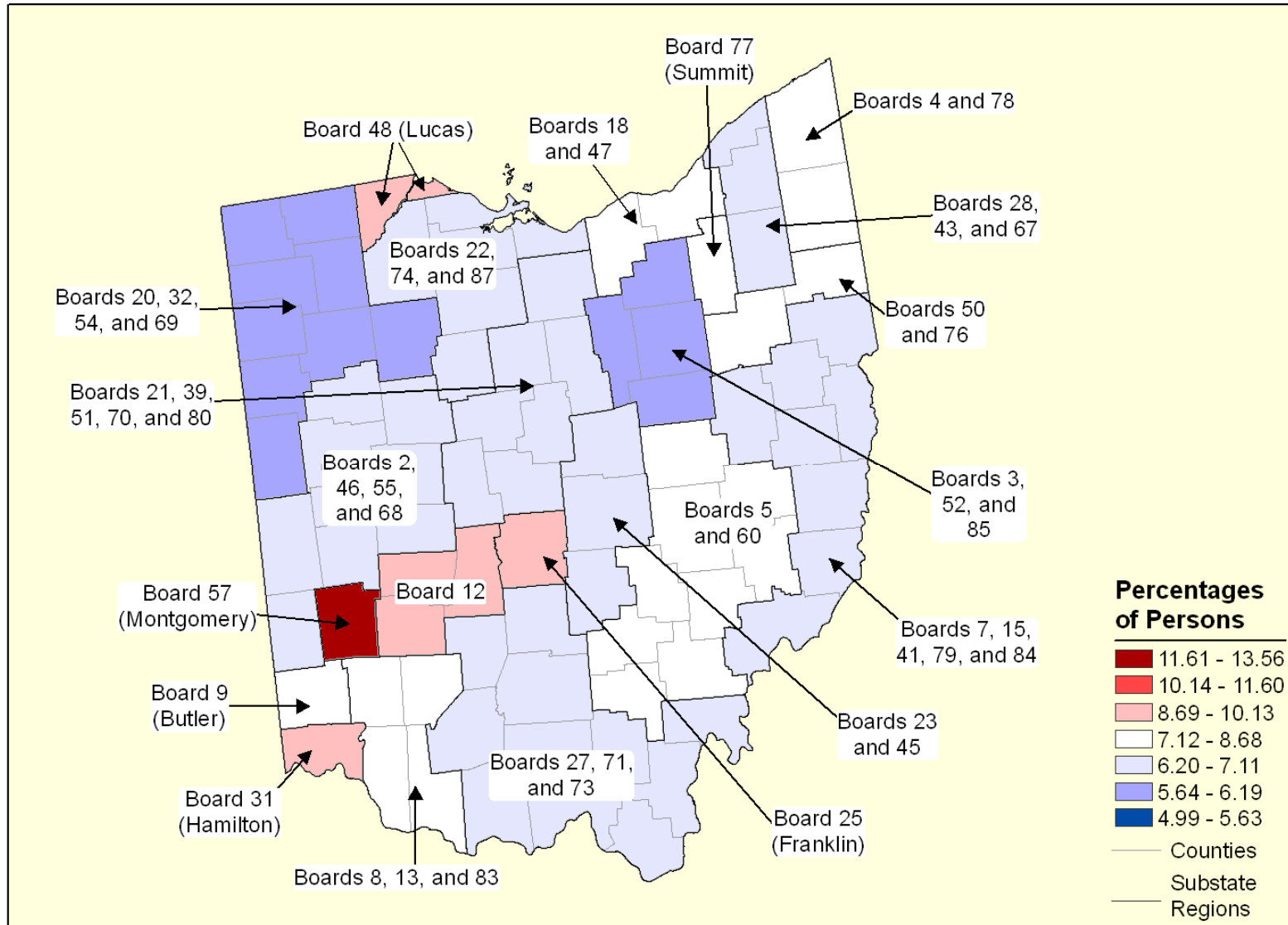
Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure 36.1.2 *Any Illicit Drug Use Other Than Marijuana in Past Month* among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

Board 77
(Summit)

Boards 4 and 78

Board 48 (Lucas)

Boards 18
and 47

Boards 28,
43, and 67

Boards 22,
74, and 87

Boards 20, 32,
54, and 69

Boards 50
and 76

Boards 21, 39,
51, 70, and 80

Boards 2,
46, 55,
and 68

Boards 3,
52, and
85

Boards 5
and 60

Board 57
(Montgomery)

Board 12

Boards 7, 15,
41, 79, and 84

Board 9
(Butler)

Boards 23
and 45

Board 31
(Hamilton)

Boards 27, 71,
and 73

Board 25
(Franklin)

Boards 8, 13, and 83

**Percentages
of Persons**

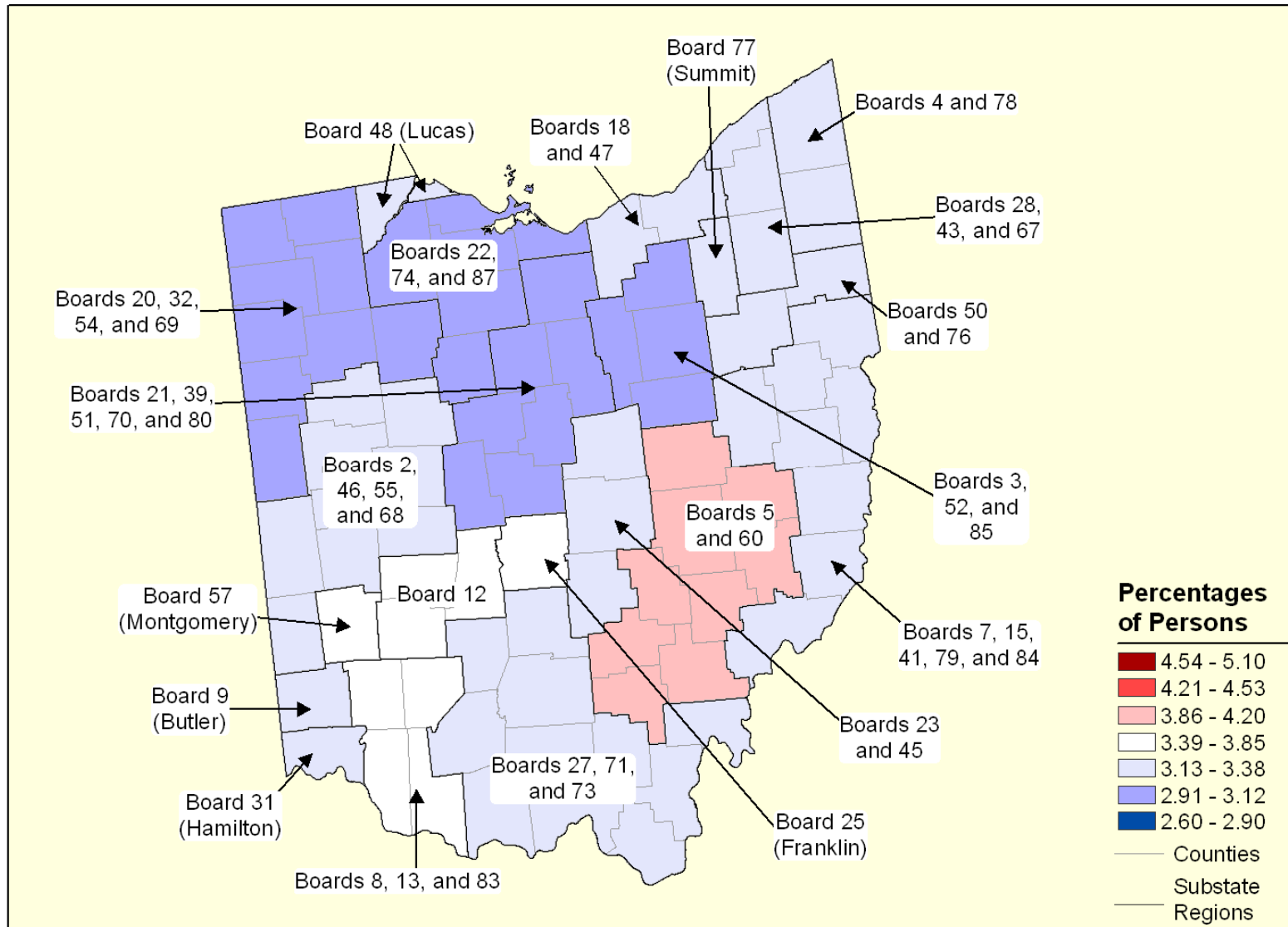|	
■	4.54 - 5.10
■	4.21 - 4.53
■	3.86 - 4.20
□	3.39 - 3.85
■	3.13 - 3.38
■	2.91 - 3.12
■	2.60 - 2.90

—— Counties

—— Substate
Regions

NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health.*

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

1202

Figure 36.2.1 *Marijuana Use in Past Month* among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs
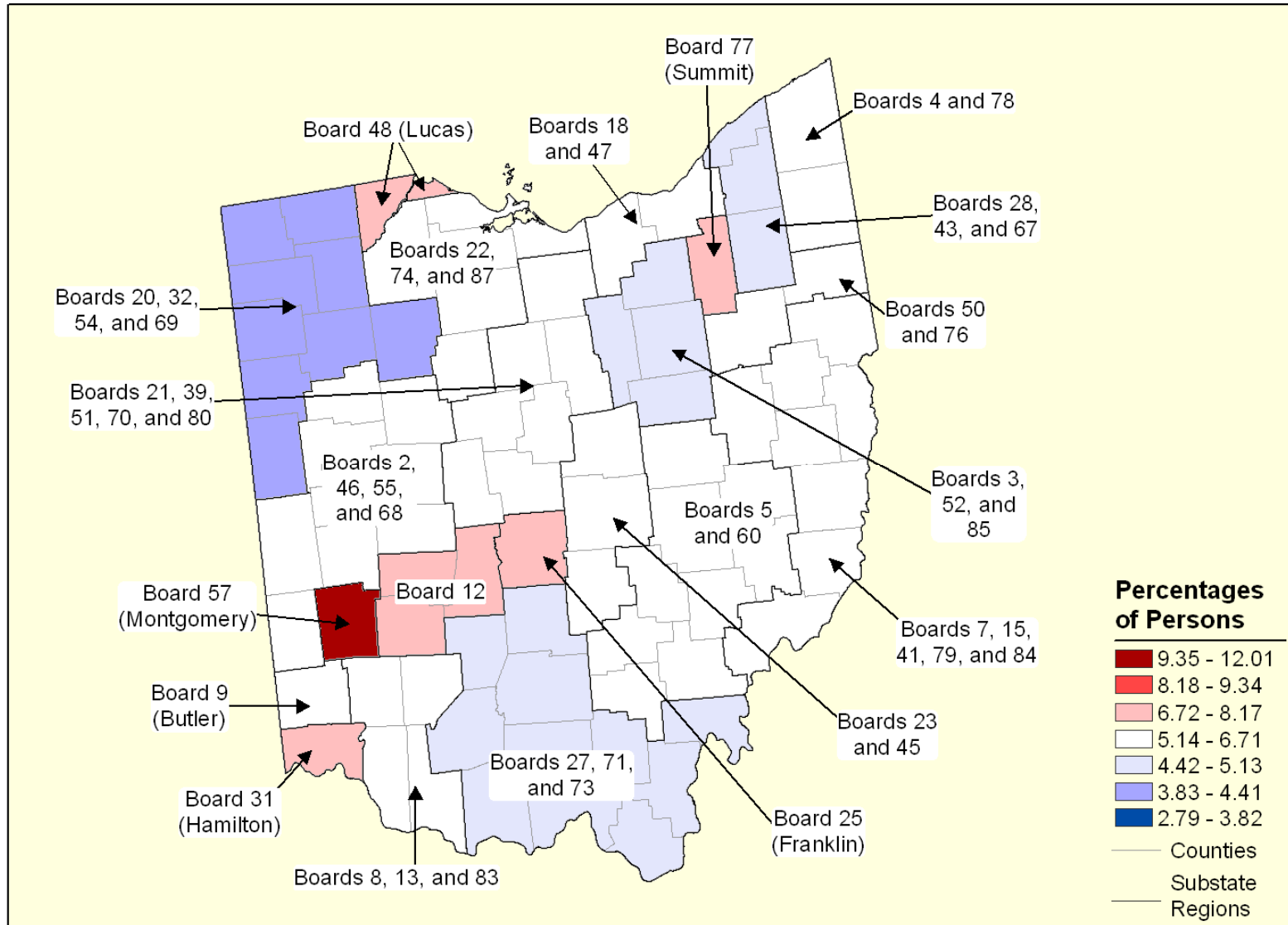

NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health.*

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure 36.2.2 *First Use of Marijuana* among Persons Aged 12 or Older in Ohio, by Substate Region: Average Annual Rates Based on 2002, 2003, and 2004 NSDUHs

Board 77 (Summit)

Boards 4 and 78

Board 48 (Lucas)

Boards 18 and 47

Boards 28, 43, and 67

Boards 22, 74, and 87

Boards 20, 32, 54, and 69

Boards 50 and 76

Boards 21, 39, 51, 70, and 80

Boards 2, 46, 55, and 68

Boards 3, 52, and 85

Boards 5 and 60

Board 57 (Montgomery)

Board 12

Boards 7, 15, 41, 79, and 84

Board 9 (Butler)

Boards 23 and 45

Board 31 (Hamilton)

Boards 27, 71, and 73

Board 25 (Franklin)

Boards 8, 13, and 83

Rates of First Use

- 2.67 - 2.94
- 2.38 - 2.66
- 1.99 - 2.37
- 1.67 - 1.98
- 1.44 - 1.66
- 1.31 - 1.43
- 1.03 - 1.30

Counties

Substate Regions

NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health.*

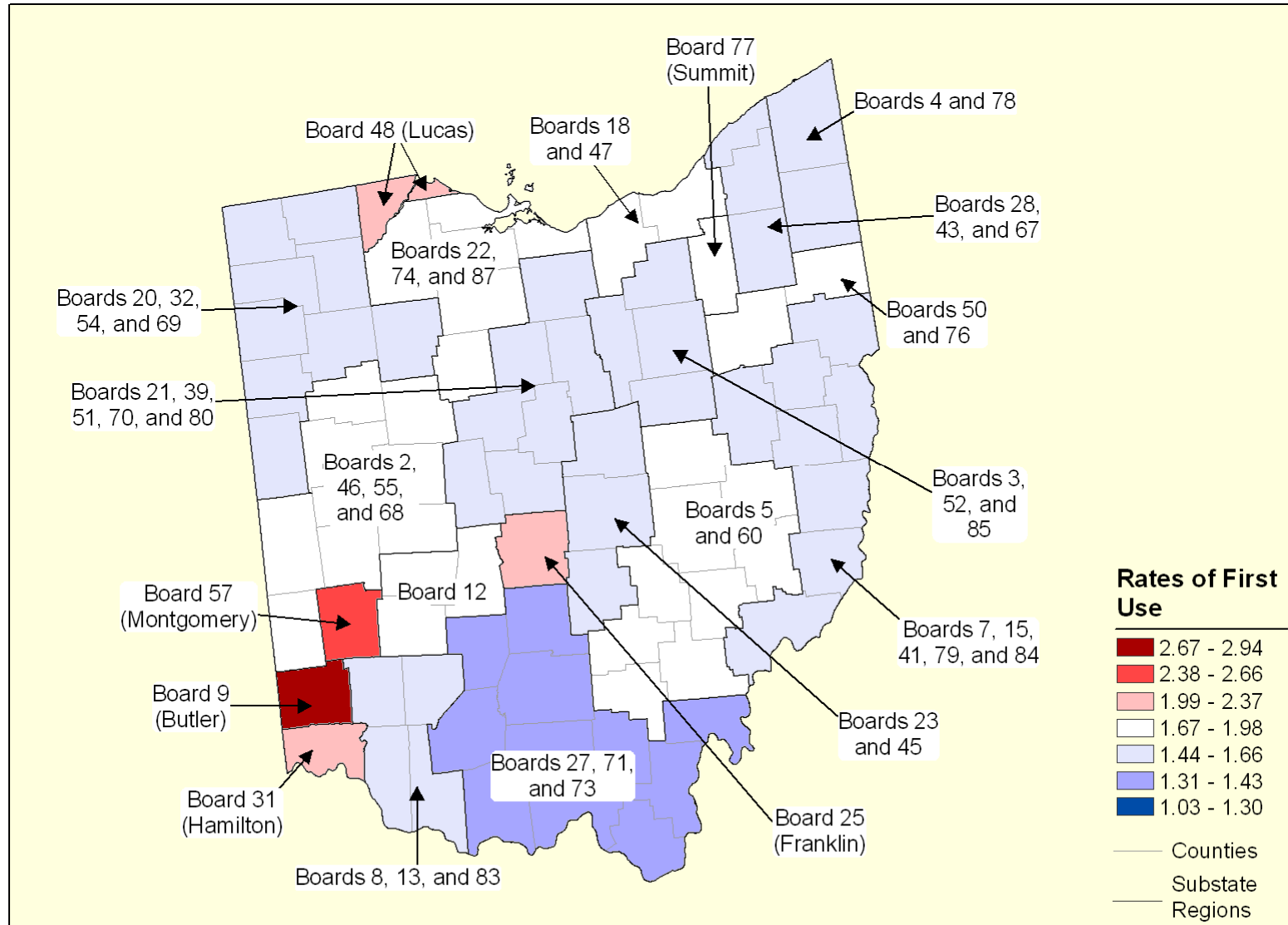Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.
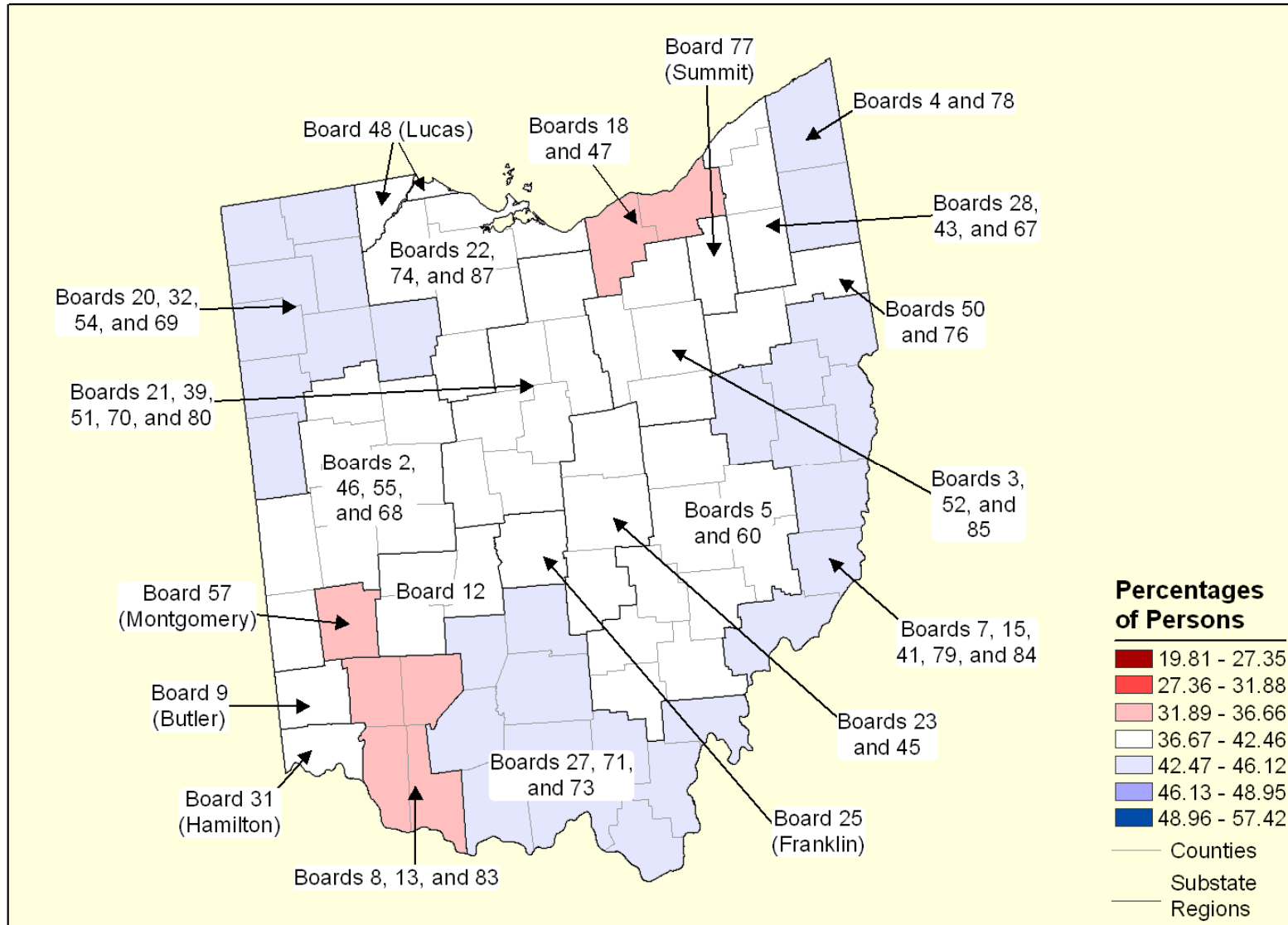
Figure 36.2.3 *Perceptions of Great Risk of Smoking Marijuana Once a Month* among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

Board 77 (Summit)

Boards 4 and 78

Board 48 (Lucas)

Boards 18 and 47

Boards 28, 43, and 67

Boards 22, 74, and 87

Boards 20, 32, 54, and 69

Boards 50 and 76

Boards 21, 39, 51, 70, and 80

Boards 2, 46, 55, and 68

Boards 3, 52, and 85

Boards 5 and 60

Board 57 (Montgomery)

Board 12

Boards 7, 15, 41, 79, and 84

Board 9 (Butler)

Boards 23 and 45

Boards 27, 71, and 73

Board 31 (Hamilton)

Board 25 (Franklin)

Boards 8, 13, and 83

Percentages of Persons

- 19.81 – 27.35
- 27.36 – 31.88
- 31.89 – 36.66
- 36.67 – 42.46
- 42.47 – 46.12
- 46.13 – 48.95
- 48.96 – 57.42
- Counties
- Substate Regions

NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

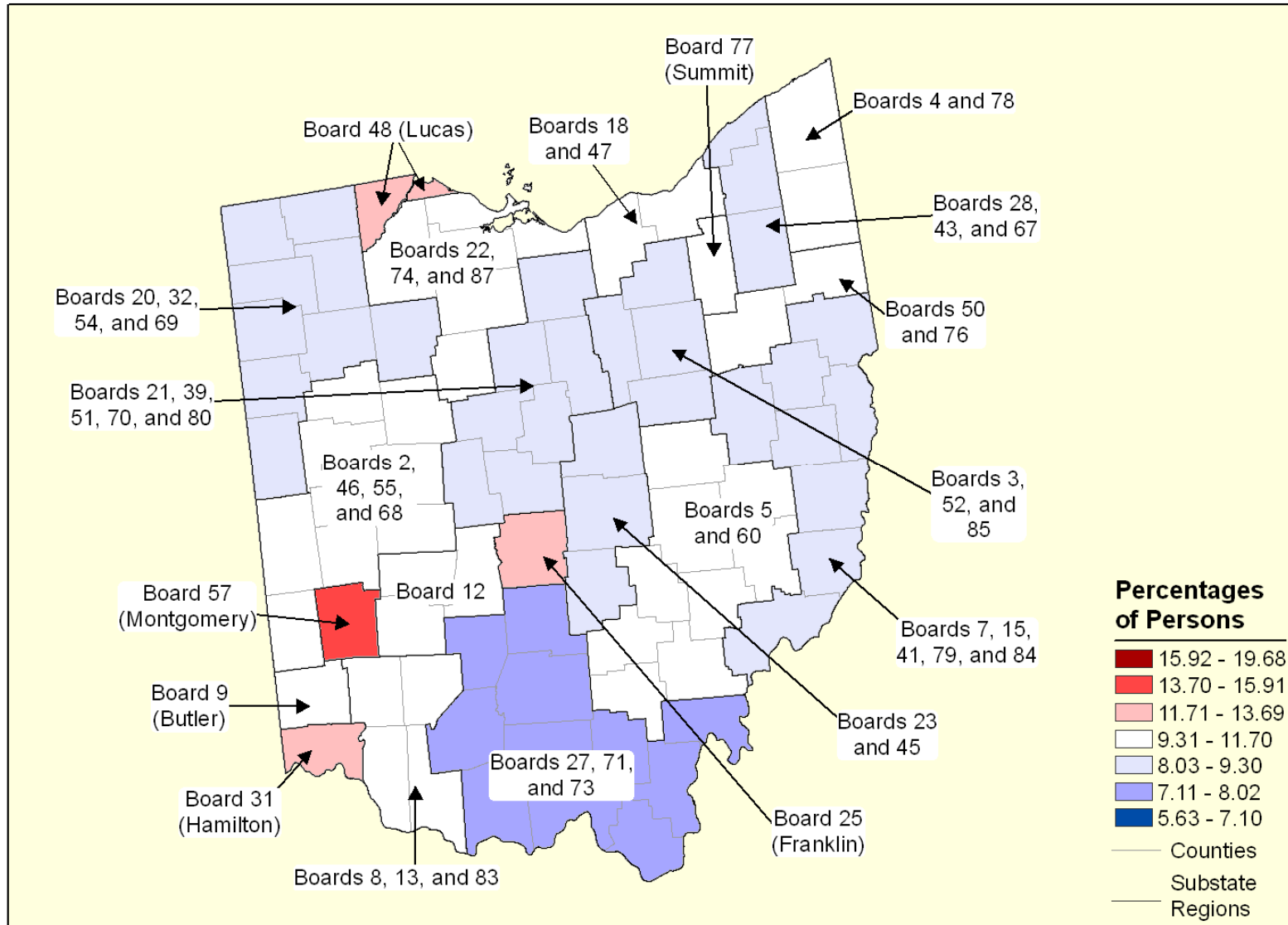Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure 36.3.1 *Marijuana Use in Past Year* among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.
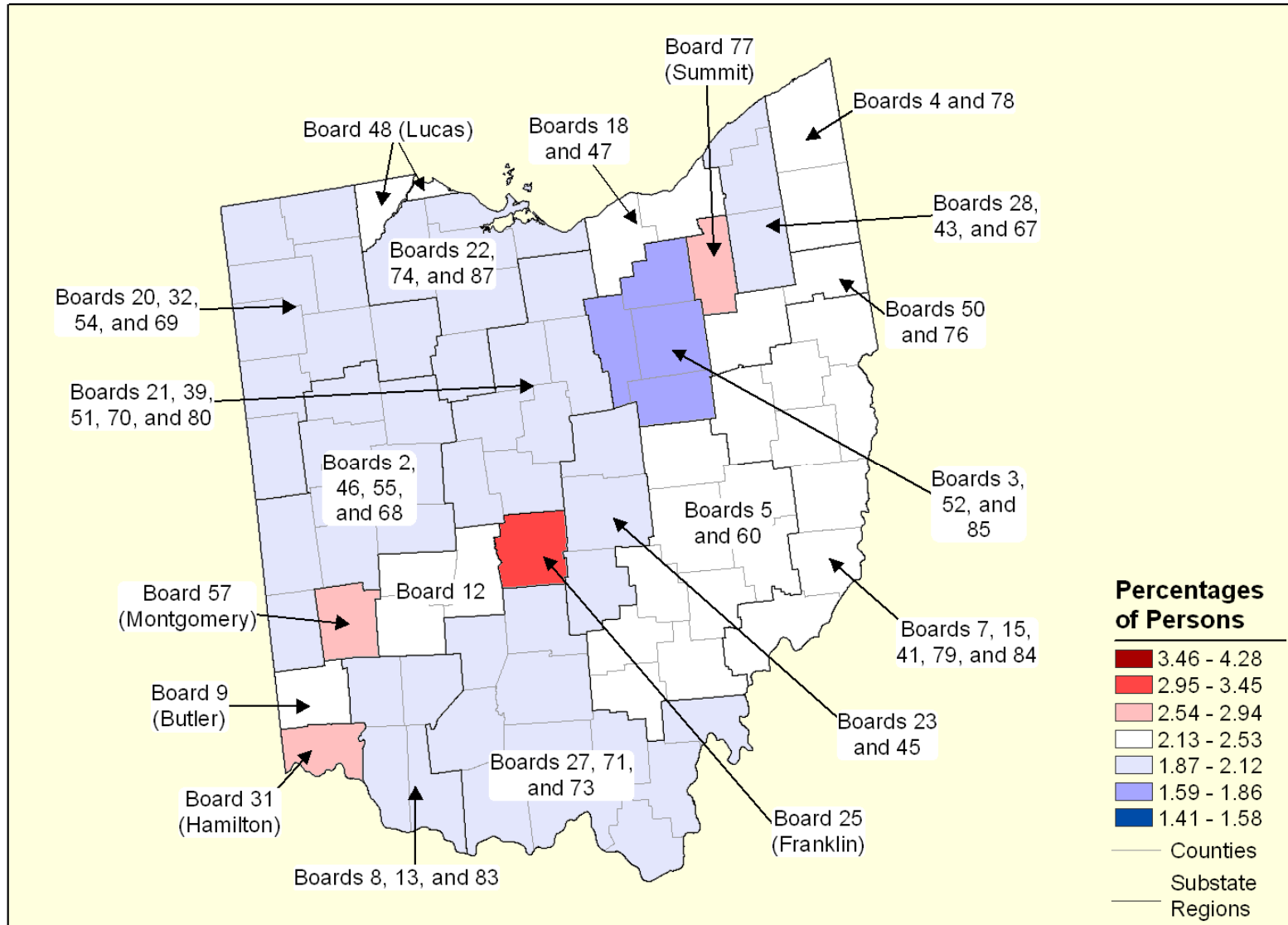
Figure 36.3.2 *Cocaine Use in Past Year* **among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs**

Board 77
(Summit)

Boards 4 and 78

Board 48 (Lucas)

Boards 18
and 47

Boards 28,
43, and 67

Boards 22,
74, and 87

Boards 20, 32,
54, and 69

Boards 50
and 76

Boards 21, 39,
51, 70, and 80

Boards 2,
46, 55,
and 68

Boards 3,
52, and
85

Boards 5
and 60

Board 57
(Montgomery)

Board 12

Percentages
of Persons

Boards 7, 15,
41, 79, and 84

Board 9
(Butler)

Boards 23
and 45

Board 31
(Hamilton)

Boards 27, 71,
and 73

Board 25
(Franklin)

Boards 8, 13, and 83

**Percentages
of Persons**

- 3.46 - 4.28
- 2.95 - 3.45
- 2.54 - 2.94
- 2.13 - 2.53
- 1.87 - 2.12
- 1.59 - 1.86
- 1.41 - 1.58
- Counties
- Substate
  Regions

NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health.*
Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.
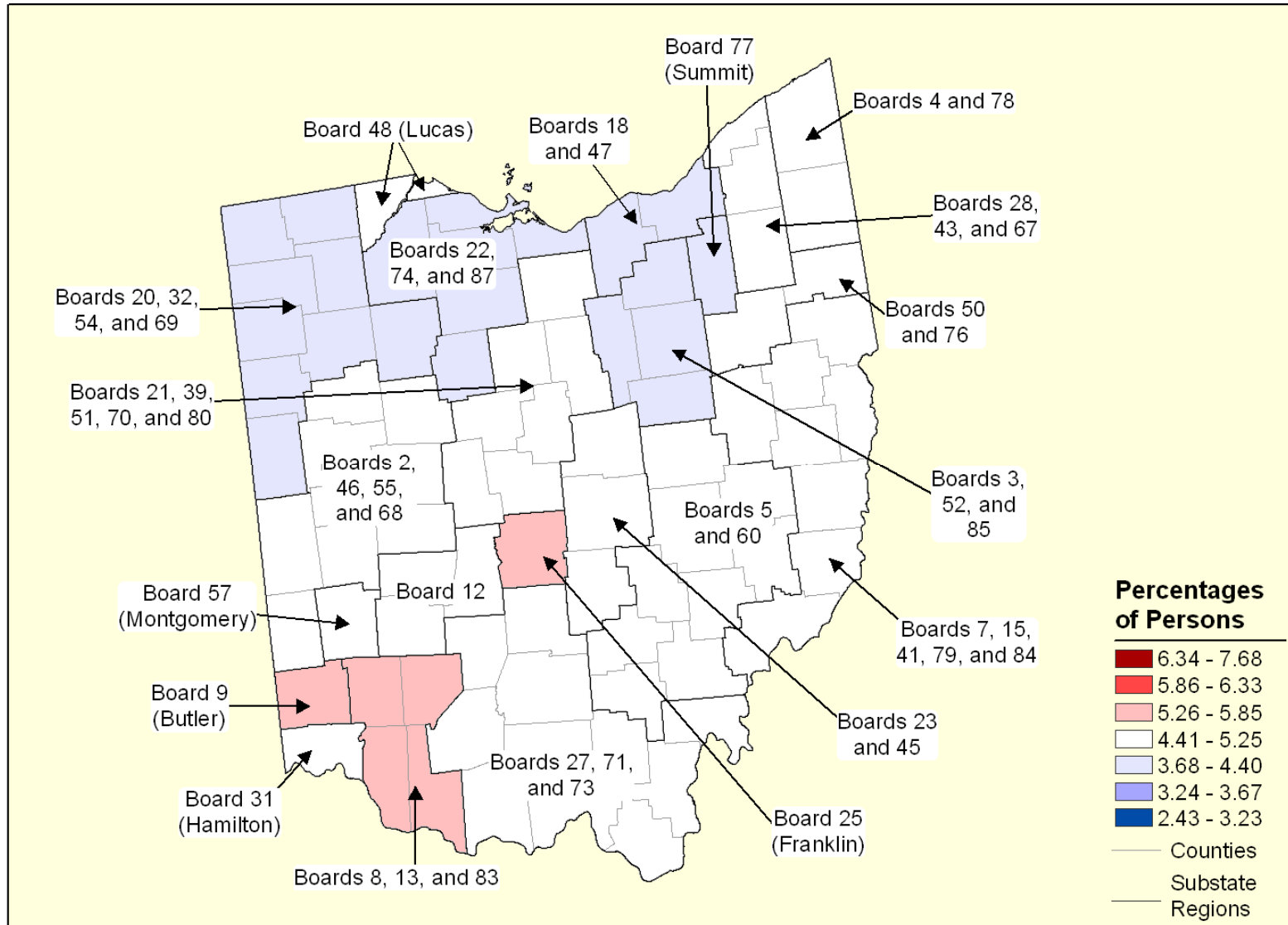
Figure 36.3.3 *Nonmedical Use of Pain Relievers in Past Year* among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

Board 77 (Summit)

Boards 4 and 78

Board 48 (Lucas)

Boards 18 and 47

Boards 28, 43, and 67

Boards 22, 74, and 87

Boards 20, 32, 54, and 69

Boards 50 and 76

Boards 21, 39, 51, 70, and 80

Boards 2, 46, 55, and 68

Boards 3, 52, and 85

Boards 5 and 60

Board 57 (Montgomery)

Board 12

Boards 7, 15, 41, 79, and 84

Board 9 (Butler)

Boards 23 and 45

Board 31 (Hamilton)

Boards 27, 71, and 73

Board 25 (Franklin)

Boards 8, 13, and 83

Percentages of Persons

- 6.34 - 7.68
- 5.86 - 6.33
- 5.26 - 5.85
- 4.41 - 5.25
- 3.68 - 4.40
- 3.24 - 3.67
- 2.43 - 3.23
- Counties
- Substate Regions

NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health.*
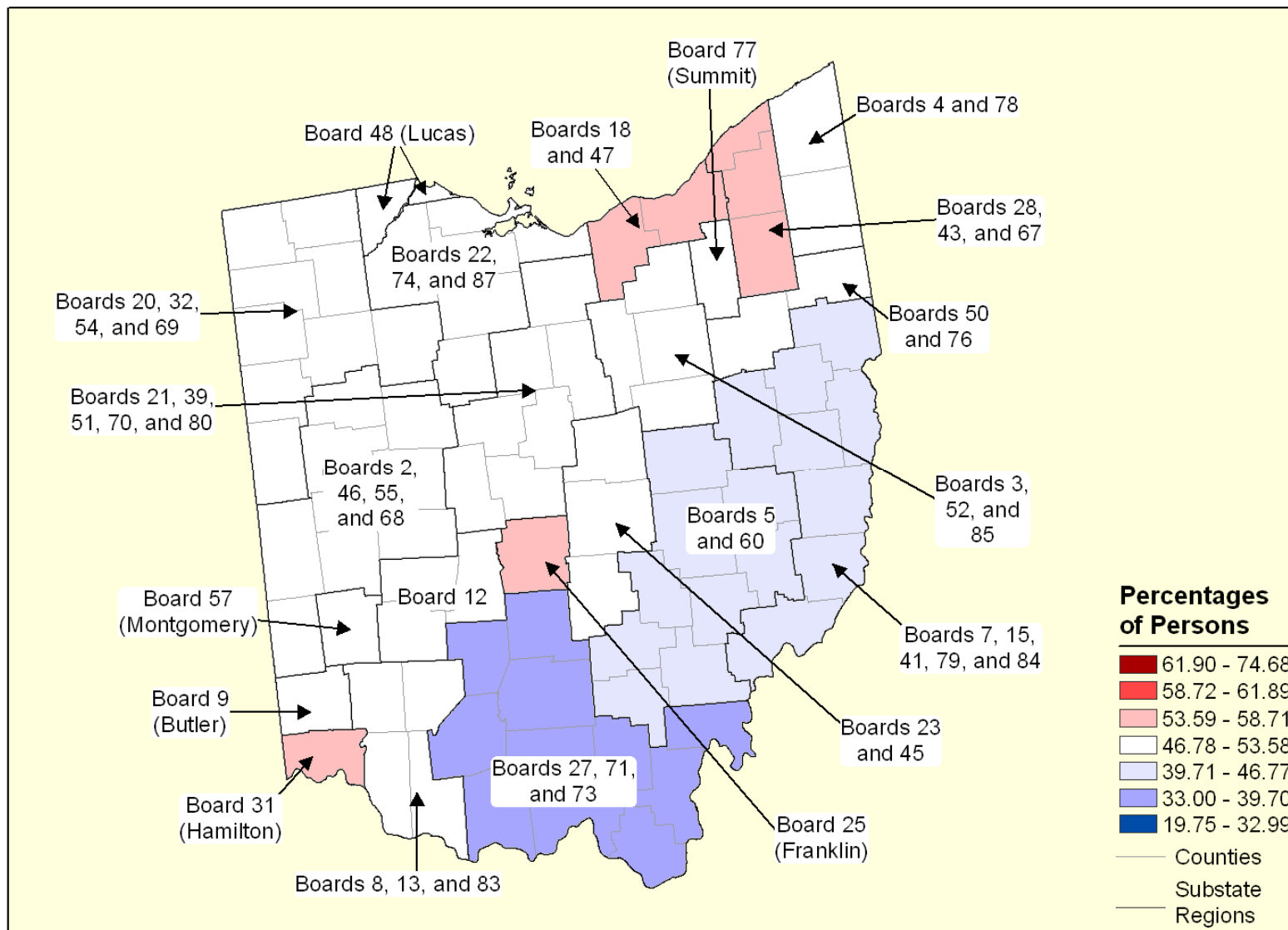Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure 36.4.1 *Alcohol Use in Past Month* **among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs**

NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.
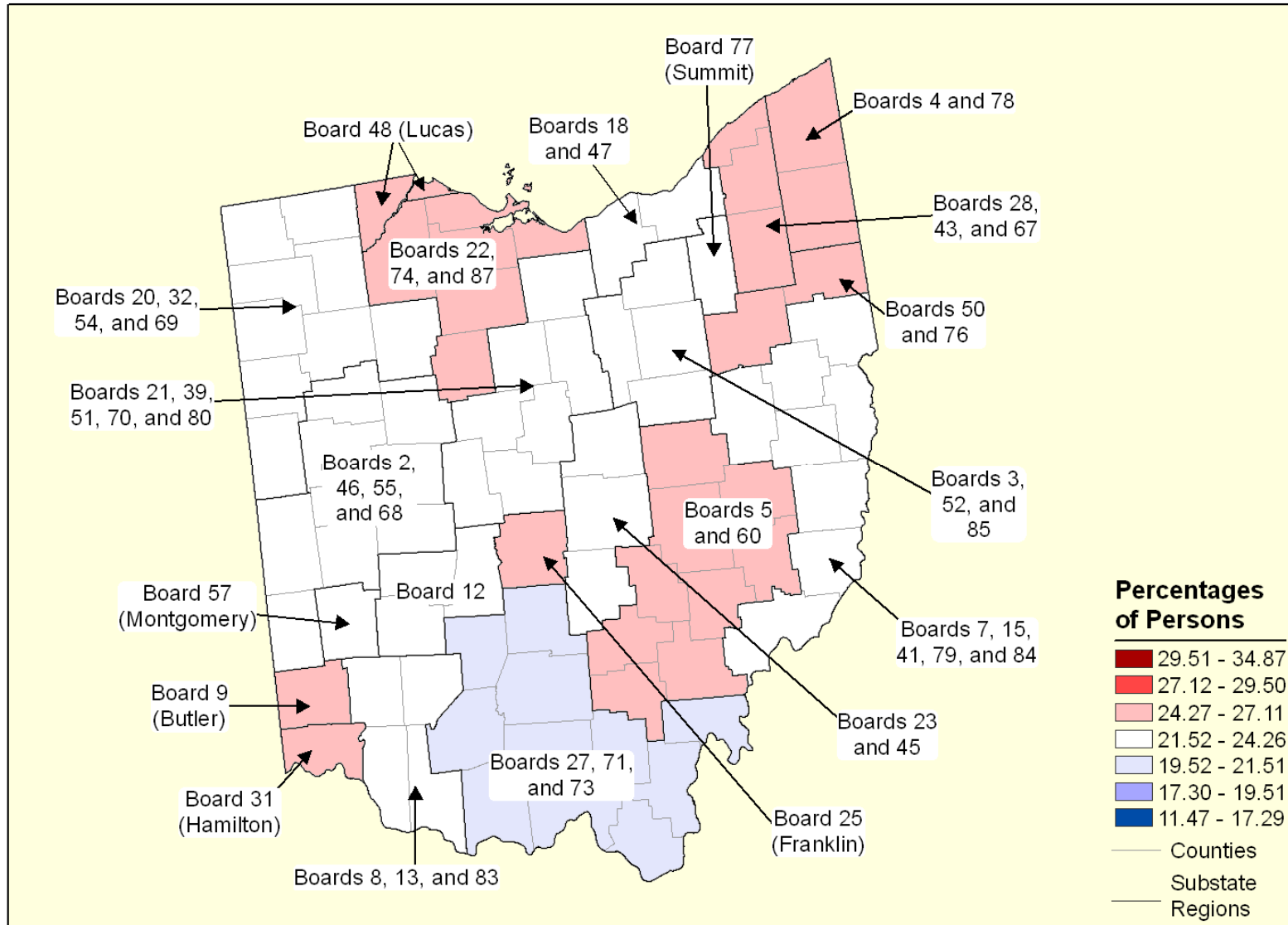
Figure 36.4.2 *Binge Alcohol Use in Past Month* among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

Board 77 (Summit)

Boards 4 and 78

Board 48 (Lucas)

Boards 18 and 47

Boards 28, 43, and 67

Boards 22, 74, and 87

Boards 20, 32, 54, and 69

Boards 50 and 76

Boards 21, 39, 51, 70, and 80

Boards 2, 46, 55, and 68

Boards 3, 52, and 85

Boards 5 and 60

Board 57 (Montgomery)

Board 12

Boards 7, 15, 41, 79, and 84

Board 9 (Butler)

Boards 23 and 45

Board 31 (Hamilton)

Boards 27, 71, and 73

Board 25 (Franklin)

Boards 8, 13, and 83

Percentages of Persons

■	29.51 - 34.87
■	27.12 - 29.50
■	24.27 - 27.11
□	21.52 - 24.26
■	19.52 - 21.51
■	17.30 - 19.51
■	11.47 - 17.29
—	Counties
—	Substate Regions

1210

NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.
Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.
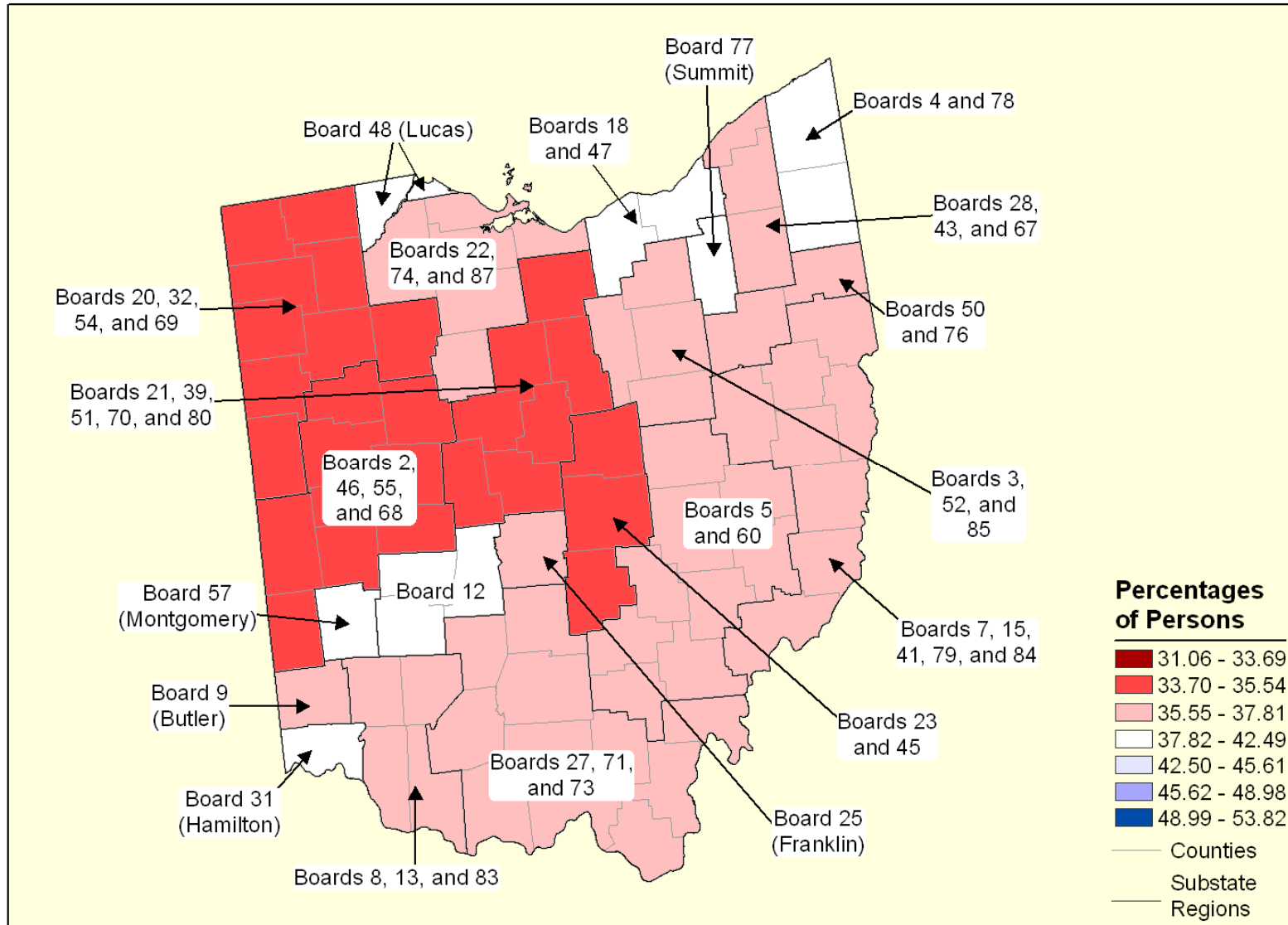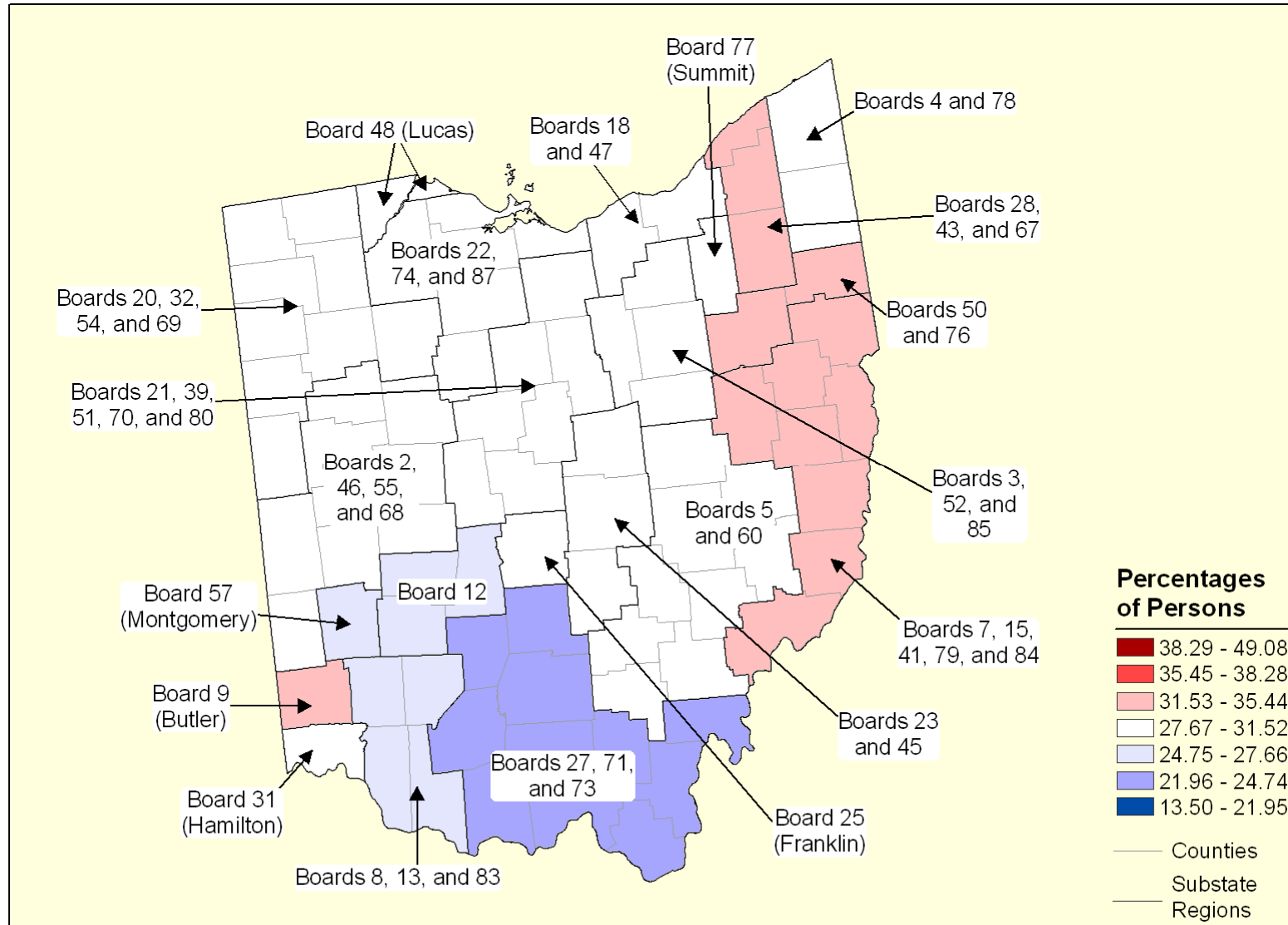
Figure 36.4.3 *Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week* **among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs**

Board 77 (Summit)

Boards 4 and 78

Board 48 (Lucas)

Boards 18 and 47

Boards 28, 43, and 67

Boards 22, 74, and 87

Boards 20, 32, 54, and 69

Boards 50 and 76

Boards 21, 39, 51, 70, and 80

Boards 2, 46, 55, and 68

Boards 3, 52, and 85

Boards 5 and 60

Board 57 (Montgomery)

Board 12

Boards 7, 15, 41, 79, and 84

Board 9 (Butler)

Boards 23 and 45

Board 31 (Hamilton)

Boards 27, 71, and 73

Board 25 (Franklin)

Boards 8, 13, and 83

Percentages of Persons

■	31.06 - 33.69
■	33.70 - 35.54
■	35.55 - 37.81
□	37.82 - 42.49
■	42.50 - 45.61
■	45.62 - 48.98
■	48.99 - 53.82
—	Counties
—	Substate Regions

1211

NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health.*
Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.
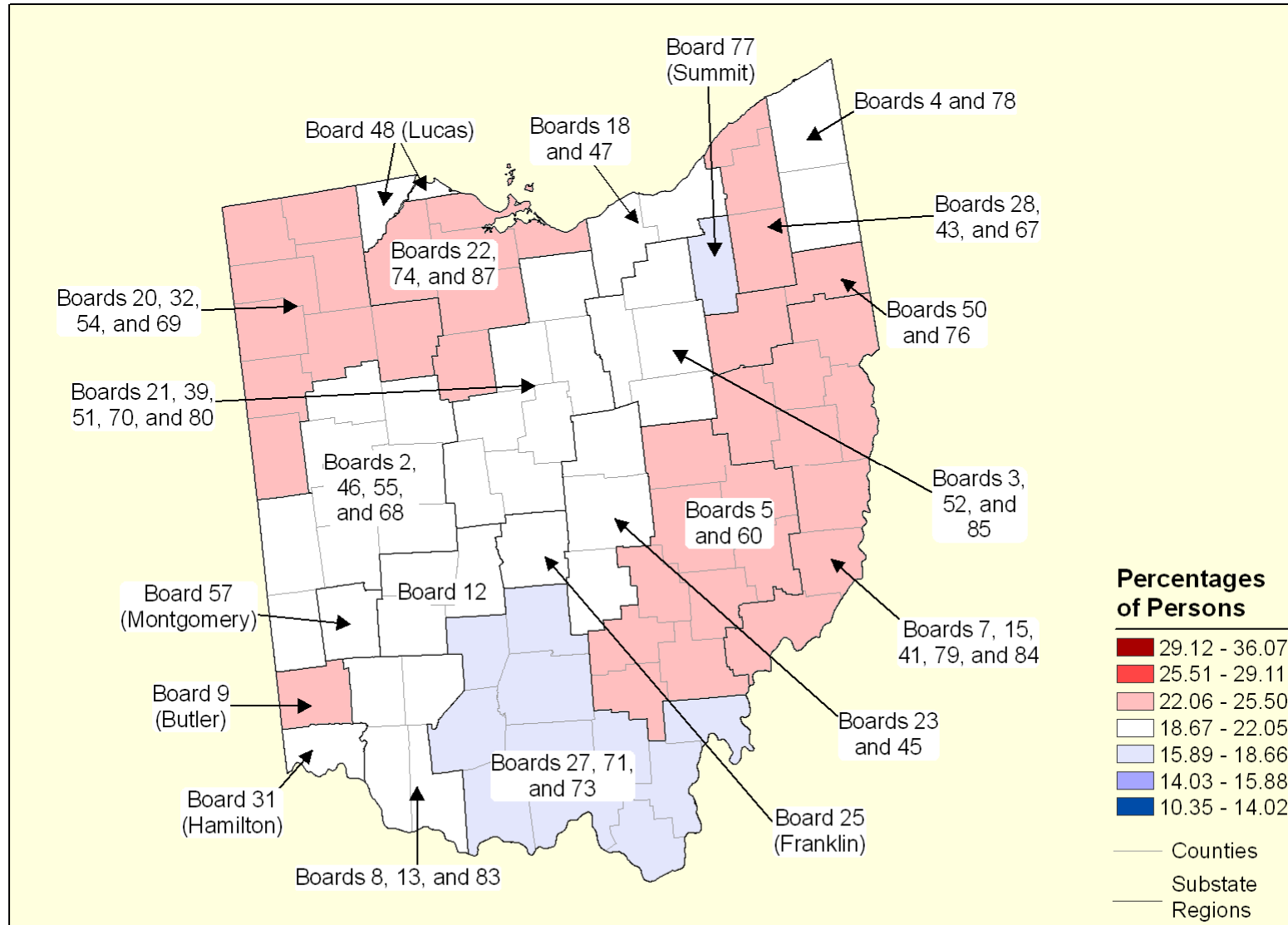
Figure 36.5.1 *Alcohol Use in Past Month among Persons Aged 12 to 20* in Ohio, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

Board 77 (Summit)

Boards 4 and 78

Board 48 (Lucas)

Boards 18 and 47

Boards 28, 43, and 67

Boards 22, 74, and 87

Boards 20, 32, 54, and 69

Boards 50 and 76

Boards 21, 39, 51, 70, and 80

Boards 3, 52, and 85

Boards 2, 46, 55, and 68

Boards 5 and 60

Board 57 (Montgomery)

Board 12

Boards 7, 15, 41, 79, and 84

Board 9 (Butler)

Boards 23 and 45

Board 31 (Hamilton)

Boards 27, 71, and 73

Board 25 (Franklin)

Boards 8, 13, and 83

Percentages of Persons

- 38.29 - 49.08
- 35.45 - 38.28
- 31.53 - 35.44
- 27.67 - 31.52
- 24.75 - 27.66
- 21.96 - 24.74
- 13.50 - 21.95

— Counties

— Substate Regions

1212

NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

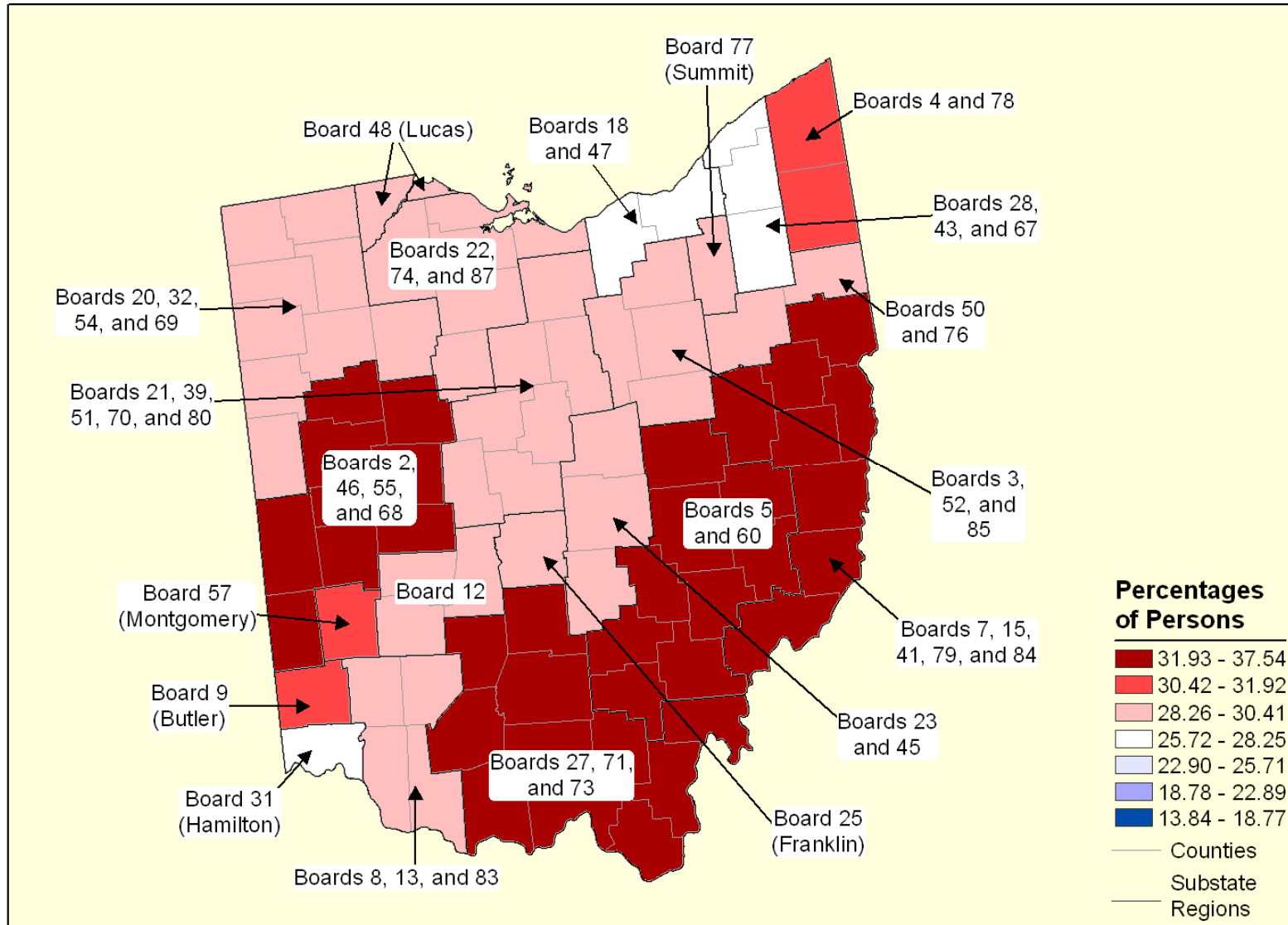Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure 36.5.2 *Binge Alcohol Use in Past Month among Persons Aged 12 to 20* in Ohio, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.
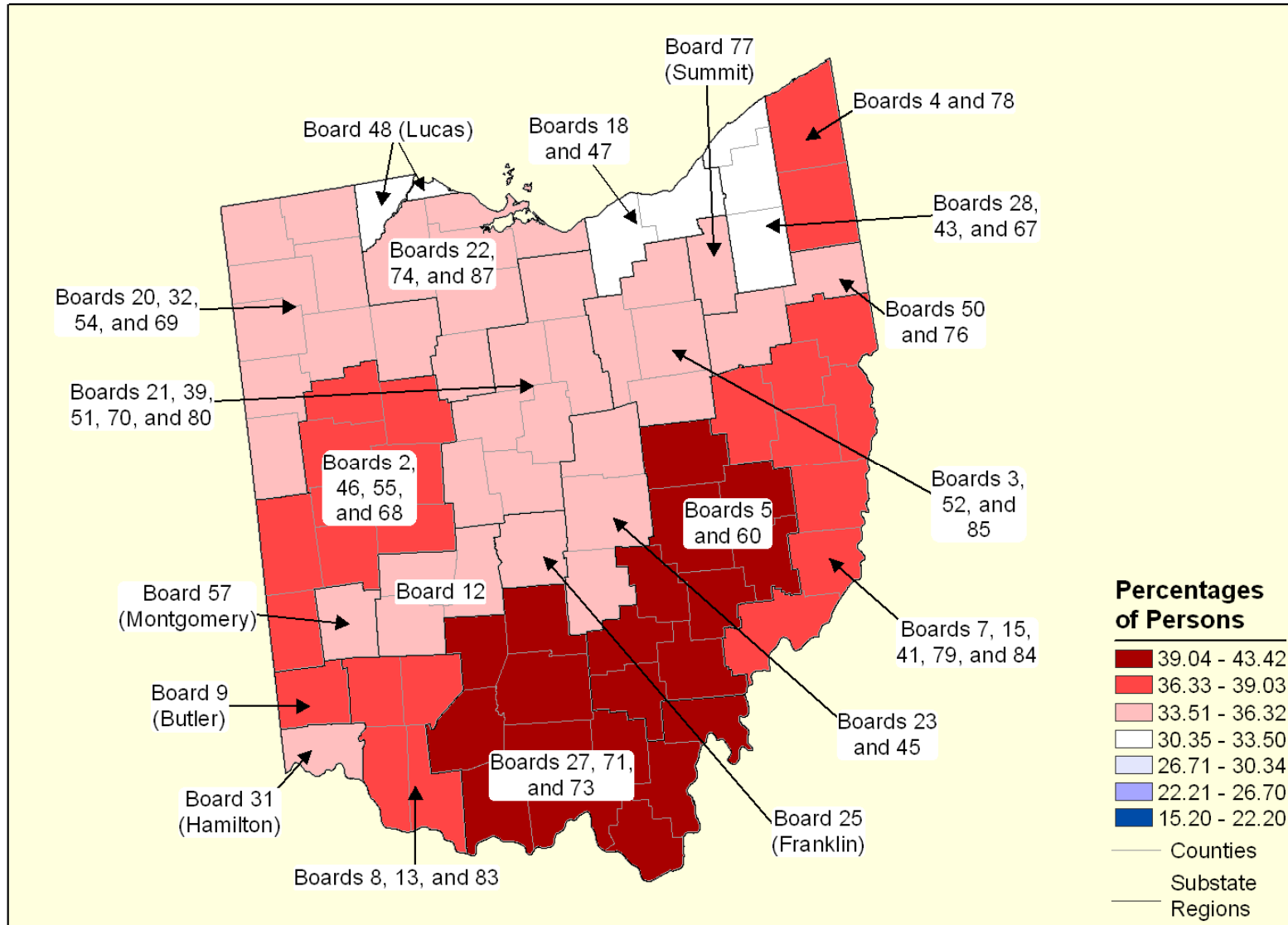
Figure 36.6.1 *Cigarette Use in Past Month* among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

Board 77 (Summit)
Boards 4 and 78
Board 48 (Lucas)
Boards 18 and 47
Boards 28, 43, and 67
Boards 22, 74, and 87
Boards 20, 32, 54, and 69
Boards 50 and 76
Boards 21, 39, 51, 70, and 80
Boards 2, 46, 55, and 68
Boards 3, 52, and 85
Boards 5 and 60
Board 57 (Montgomery)
Board 12
Boards 7, 15, 41, 79, and 84
Board 9 (Butler)
Boards 23 and 45
Board 31 (Hamilton)
Boards 27, 71, and 73
Board 25 (Franklin)
Boards 8, 13, and 83

Percentages of Persons

- 31.93 - 37.54
- 30.42 - 31.92
- 28.26 - 30.41
- 25.72 - 28.25
- 22.90 - 25.71
- 18.78 - 22.89
- 13.84 - 18.77
- Counties
- Substate Regions

NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.
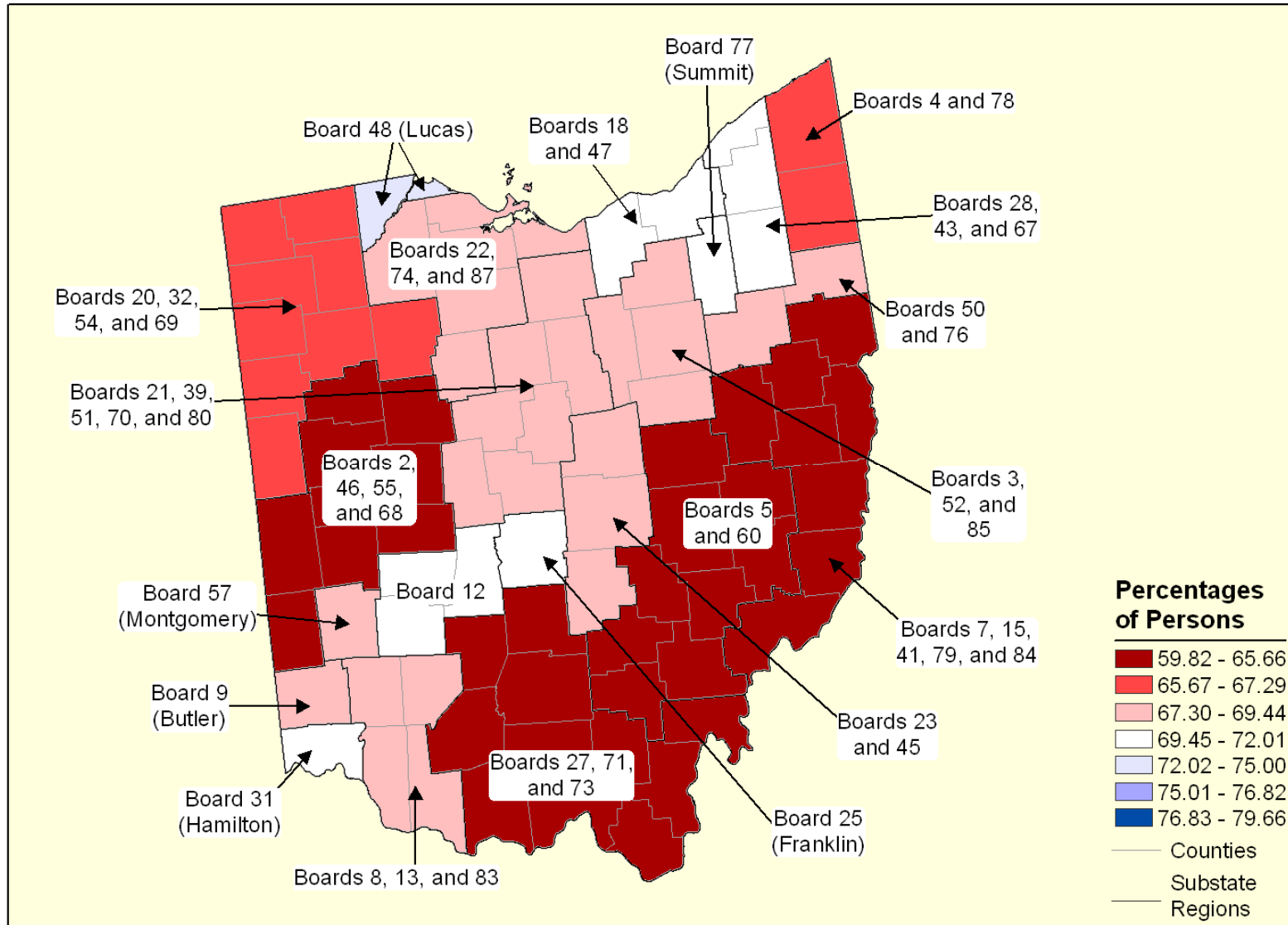
Figure 36.6.2 *Any Tobacco Product Use in Past Month* **among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs**

NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health.*

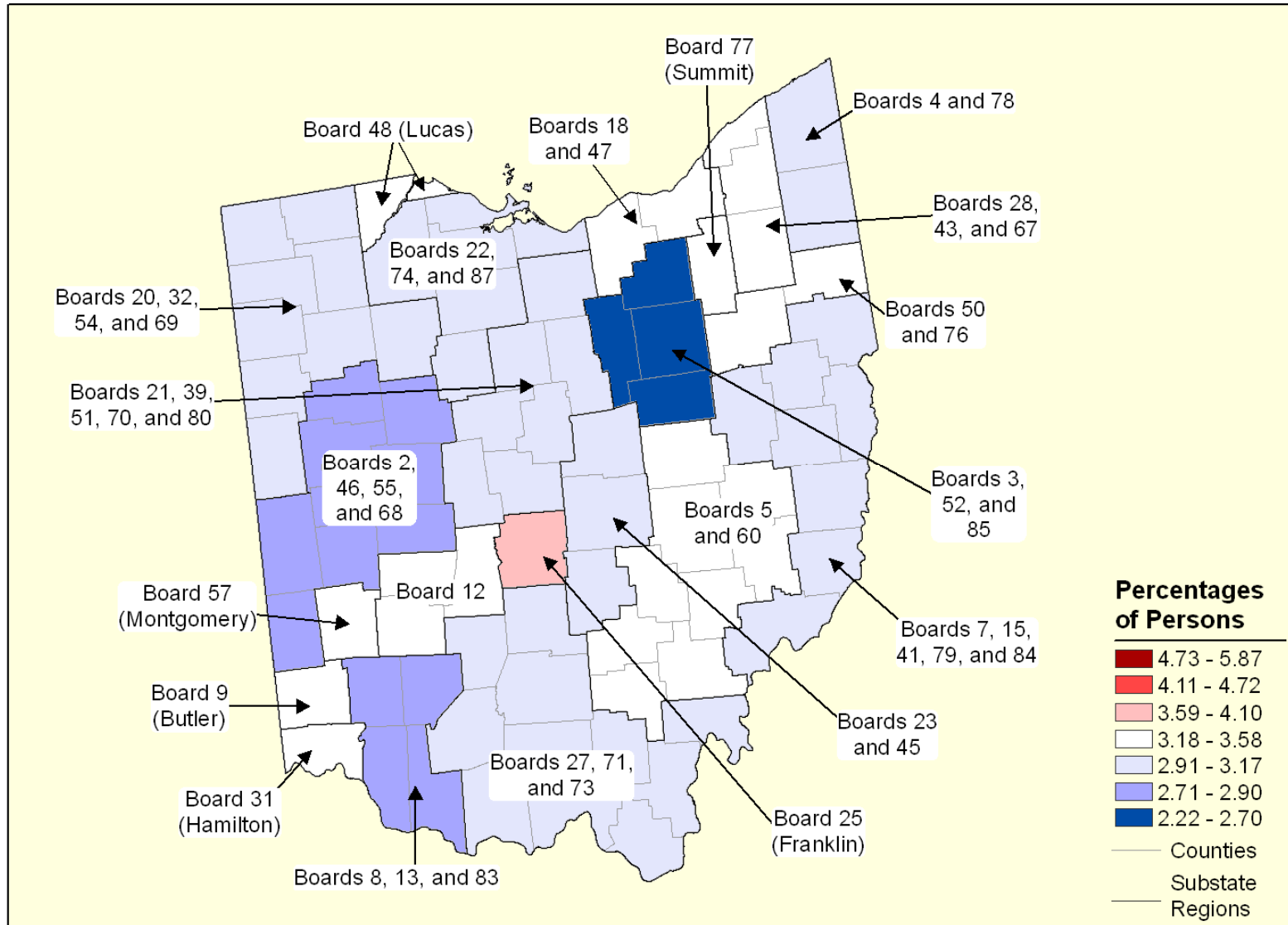Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure 36.6.3 *Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day* among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health.*

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.
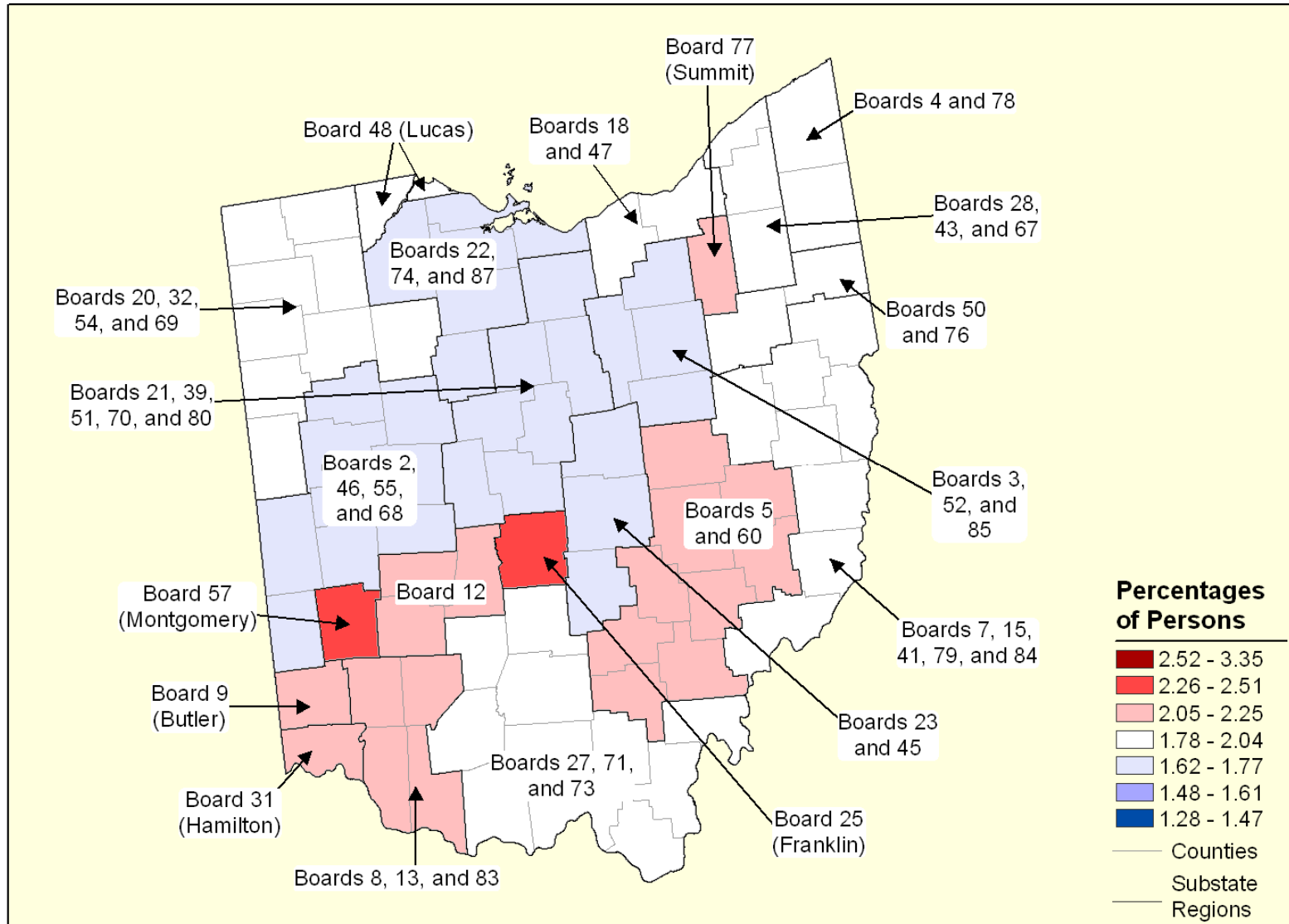
Figure 36.7.1 *Alcohol Dependence in Past Year* among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

Board 77 (Summit)

Boards 4 and 78

Board 48 (Lucas)

Boards 18 and 47

Boards 28, 43, and 67

Boards 22, 74, and 87

Boards 20, 32, 54, and 69

Boards 50 and 76

Boards 21, 39, 51, 70, and 80

Boards 2, 46, 55, and 68

Boards 3, 52, and 85

Boards 5 and 60

Board 57 (Montgomery)

Board 12

Percentages of Persons

- 4.73 - 5.87
- 4.11 - 4.72
- 3.59 - 4.10
- 3.18 - 3.58
- 2.91 - 3.17
- 2.71 - 2.90
- 2.22 - 2.70
- Counties
- Substate Regions

Boards 7, 15, 41, 79, and 84

Board 9 (Butler)

Boards 23 and 45

Board 31 (Hamilton)

Boards 27, 71, and 73

Board 25 (Franklin)

Boards 8, 13, and 83

NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health.*

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.
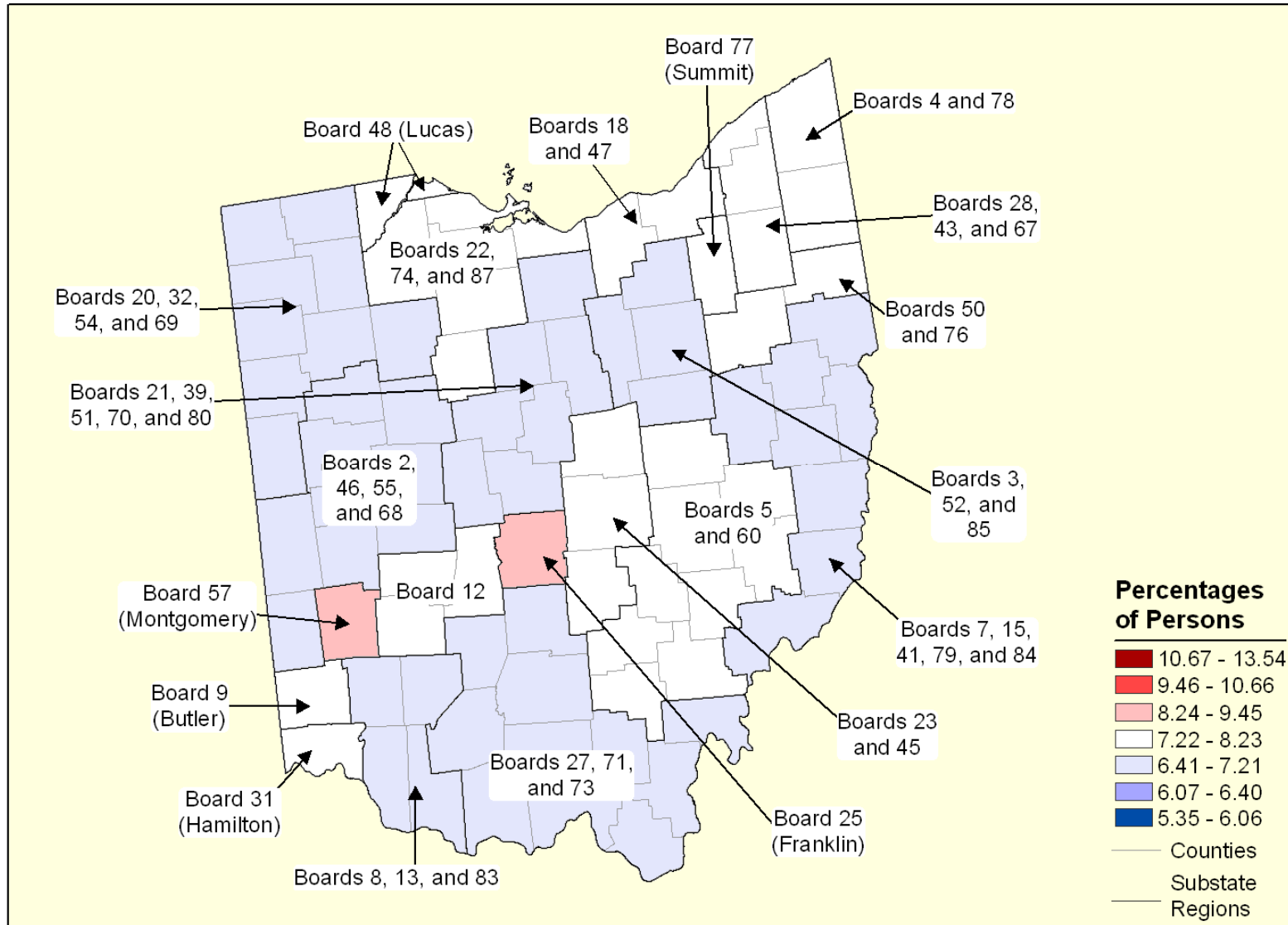
Figure 36.7.2 *Any Illicit Drug Dependence in Past Year* **among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs**

NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health.*
Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.
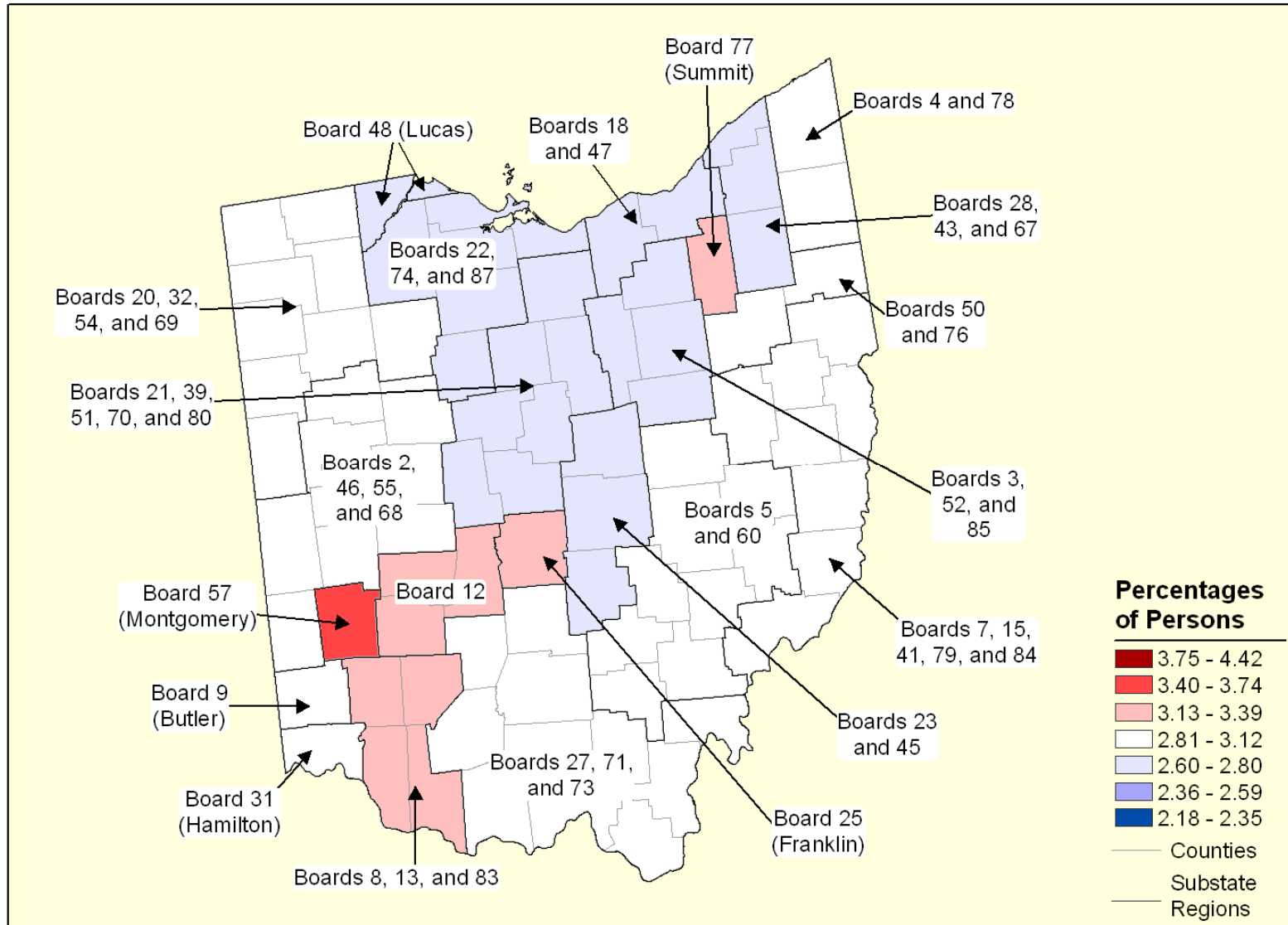
Figure 36.8.1 *Alcohol Dependence or Abuse in Past Year* among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

Board 77 (Summit)

Boards 4 and 78

Board 48 (Lucas)

Boards 18 and 47

Boards 28, 43, and 67

Boards 22, 74, and 87

Boards 20, 32, 54, and 69

Boards 50 and 76

Boards 21, 39, 51, 70, and 80

Boards 2, 46, 55, and 68

Boards 3, 52, and 85

Boards 5 and 60

Board 57 (Montgomery)

Board 12

Boards 7, 15, 41, 79, and 84

Board 9 (Butler)

Boards 23 and 45

Board 31 (Hamilton)

Boards 27, 71, and 73

Board 25 (Franklin)

Boards 8, 13, and 83

Percentages of Persons

- 10.67 - 13.54
- 9.46 - 10.66
- 8.24 - 9.45
- 7.22 - 8.23
- 6.41 - 7.21
- 6.07 - 6.40
- 5.35 - 6.06
- — Counties
- — Substate Regions

NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health.*
Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.
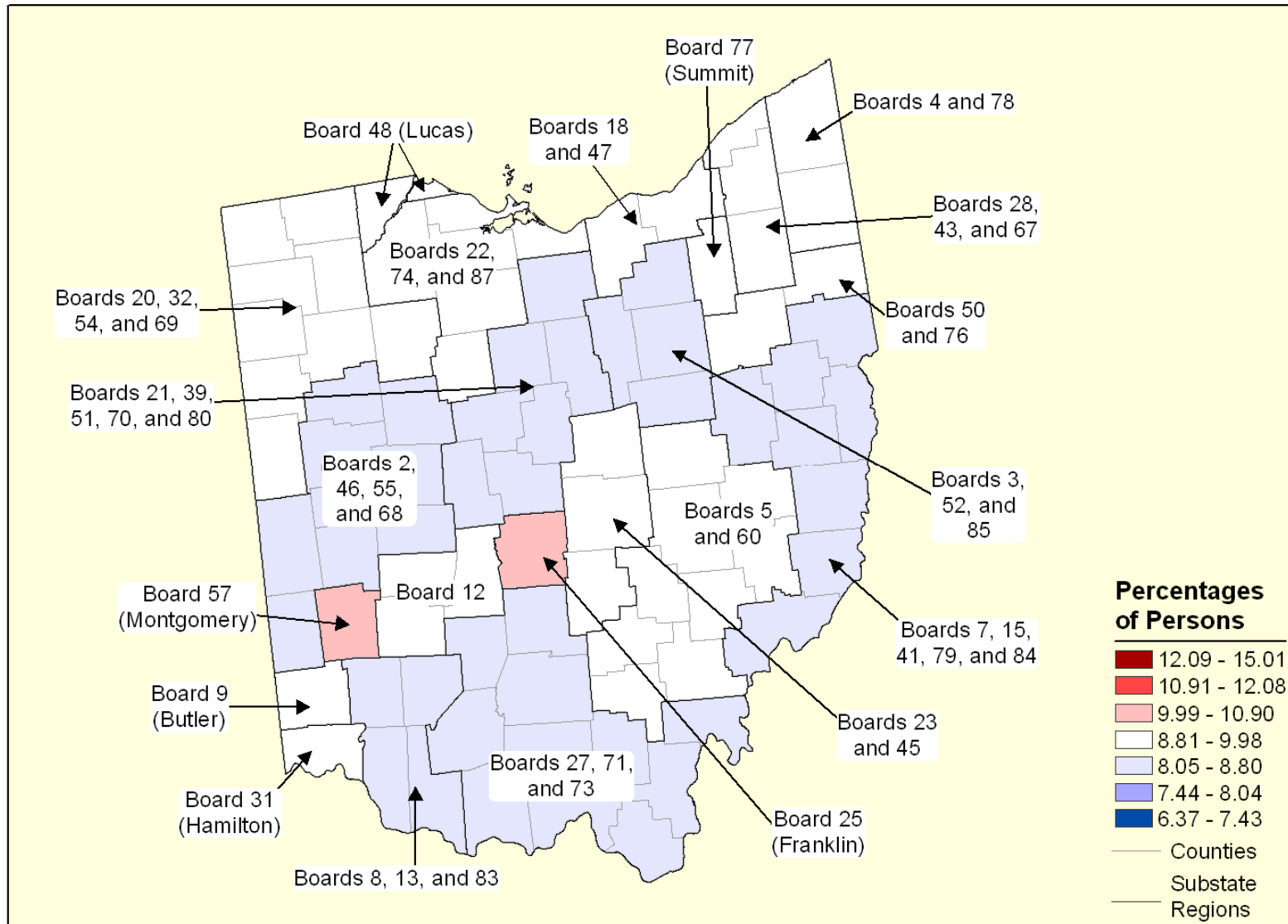
Figure 36.8.2 *Any Illicit Drug Dependence or Abuse in Past Year* **among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs**

Board 77 (Summit)

Board 48 (Lucas)

Boards 18 and 47

Boards 4 and 78

Boards 28, 43, and 67

Boards 22, 74, and 87

Boards 20, 32, 54, and 69

Boards 50 and 76

Boards 21, 39, 51, 70, and 80

Boards 2, 46, 55, and 68

Boards 3, 52, and 85

Board 57 (Montgomery)

Board 12

Boards 5 and 60

Percentages of Persons

Boards 7, 15, 41, 79, and 84

Board 9 (Butler)

Boards 23 and 45

3.75 - 4.42
3.40 - 3.74
3.13 - 3.39
2.81 - 3.12
2.60 - 2.80
2.36 - 2.59
2.18 - 2.35

Boards 27, 71, and 73

Board 25 (Franklin)

Board 31 (Hamilton)

Counties

Substate Regions

Boards 8, 13, and 83

NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.
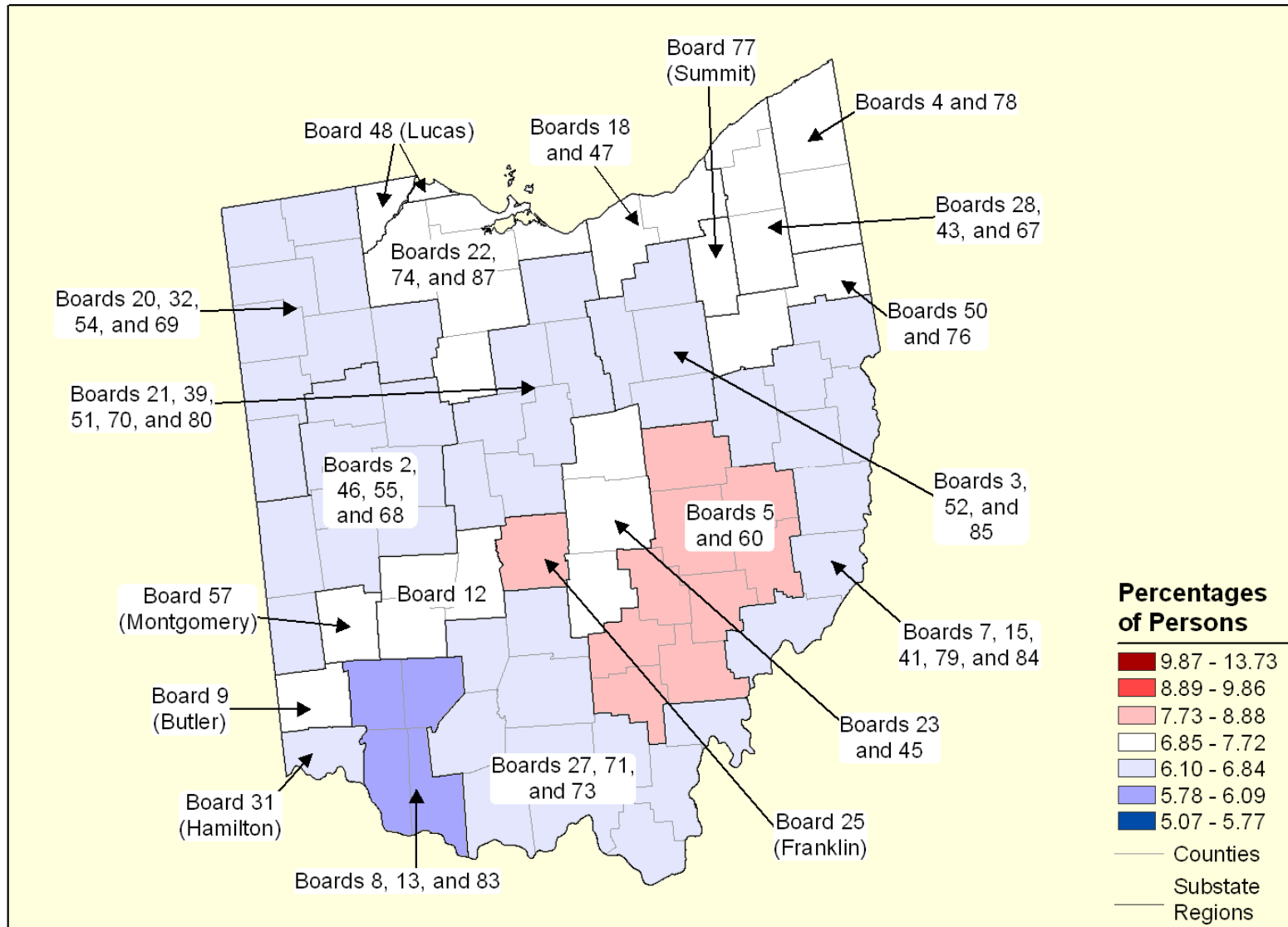
Figure 36.8.3 *Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year* among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.
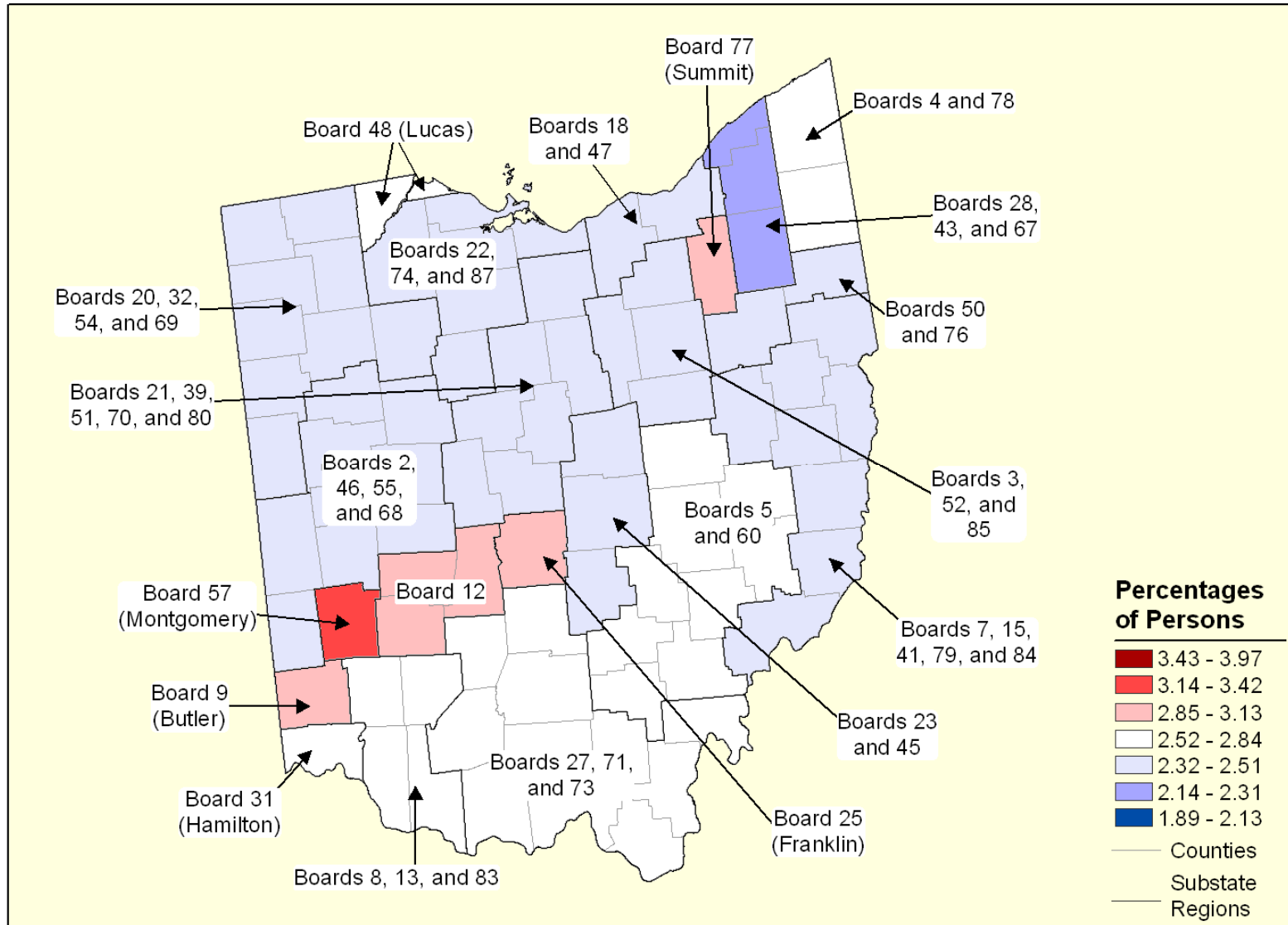
Figure 36.9.1 *Needing But Not Receiving Treatment for Alcohol Use in Past Year* among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

Board 77
(Summit)

Boards 4 and 78

Board 48 (Lucas)

Boards 18
and 47

Boards 28,
43, and 67

Boards 22,
74, and 87

Boards 20, 32,
54, and 69

Boards 50
and 76

Boards 21, 39,
51, 70, and 80

Boards 2,
46, 55,
and 68

Boards 3,
52, and
85

Boards 5
and 60

Board 57
(Montgomery)

Board 12

Boards 7, 15,
41, 79, and 84

Board 9
(Butler)

Boards 23
and 45

Boards 27, 71,
and 73

Board 31
(Hamilton)

Board 25
(Franklin)

Boards 8, 13, and 83

**Percentages
of Persons**

■	9.87 - 13.73
■	8.89 - 9.86
■	7.73 - 8.88
□	6.85 - 7.72
■	6.10 - 6.84
■	5.78 - 6.09
■	5.07 - 5.77
—	Counties
—	Substate Regions

NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.
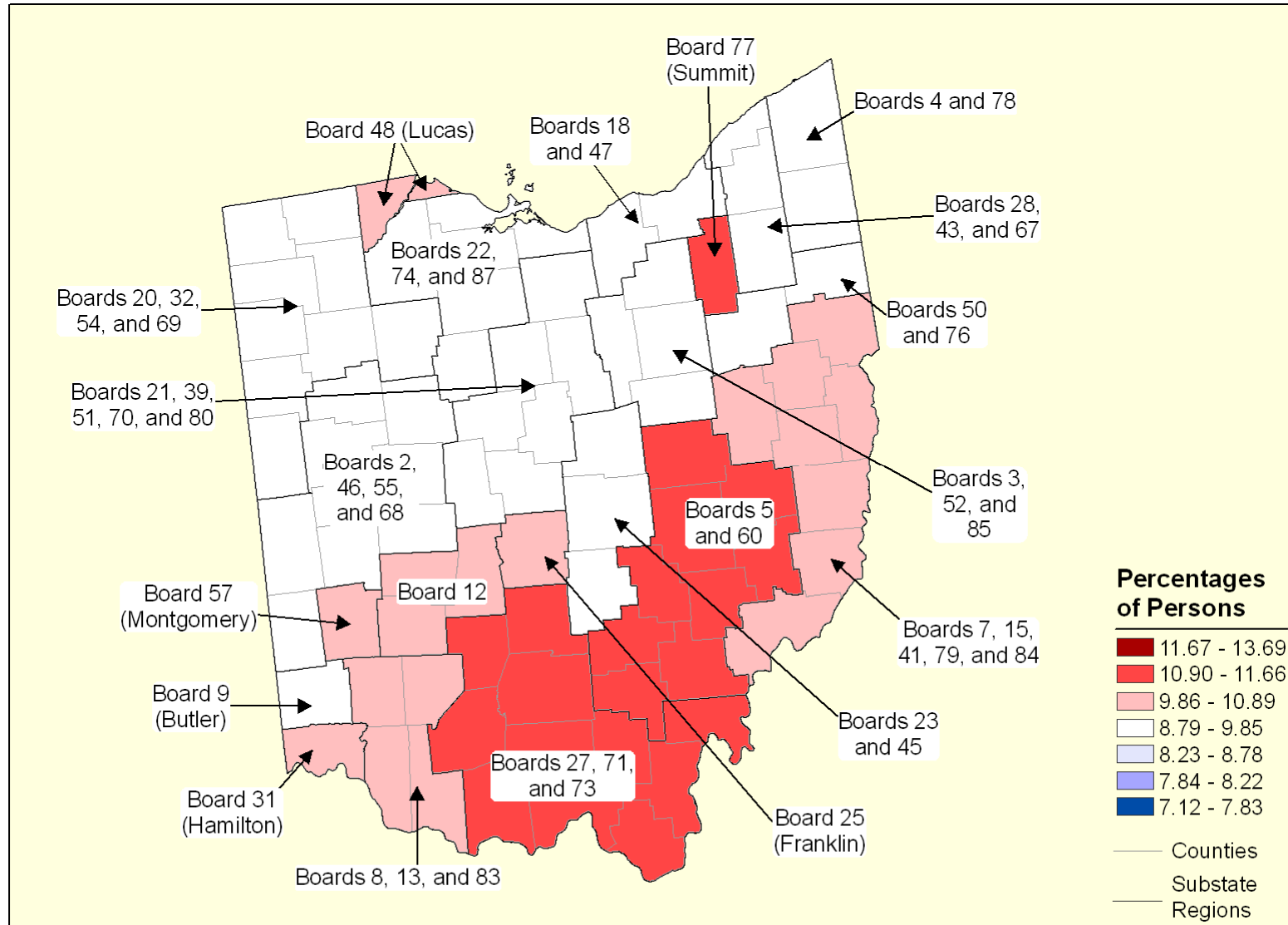Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure 36.9.2 *Needing But Not Receiving Treatment for Illicit Drug Use in Past Year* among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.

Figure 36.10 *Serious Psychological Distress in Past Year* among Persons Aged 18 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002, 2003, and 2004.