

**Table 36.1 Illicit Drug Use in Past Month and 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 2004, 2005, and 2006 NSDUHs**

State/Substate Region	Illicit Drug Use in Past Month		Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Ohio</b>	7.93	(7.33 - 8.57)	3.35	(3.01 - 3.72)
Boards 2, 46, 55, and 68	7.30	(5.70 - 9.31)	3.25	(2.41 - 4.37)
Boards 3, 52, and 85	6.39	(4.98 - 8.17)	3.04	(2.18 - 4.23)
Boards 4 and 78	7.43	(5.72 - 9.60)	2.91	(2.06 - 4.09)
Boards 5 and 60	7.74	(6.05 - 9.84)	3.38	(2.46 - 4.63)
Boards 7, 15, 41, 79, and 84	6.27	(4.81 - 8.13)	2.90	(2.10 - 4.00)
Boards 8, 13, and 83	7.22	(5.62 - 9.21)	3.12	(2.24 - 4.32)
Board 9 (Butler)	7.81	(6.12 - 9.93)	3.41	(2.48 - 4.68)
Board 12	7.75	(6.09 - 9.82)	3.36	(2.44 - 4.60)
Boards 18 and 47	8.42	(7.07 - 9.99)	3.06	(2.40 - 3.89)
Boards 20, 32, 54, and 69	5.62	(4.25 - 7.41)	3.05	(2.17 - 4.26)
Boards 21, 39, 51, 70, and 80	7.15	(5.59 - 9.09)	3.39	(2.50 - 4.59)
Boards 22, 74, and 87	7.15	(5.51 - 9.23)	3.34	(2.42 - 4.59)
Boards 23 and 45	6.31	(4.91 - 8.07)	2.97	(2.11 - 4.15)
Board 25 (Franklin)	9.12	(7.65 - 10.83)	3.56	(2.75 - 4.60)
Boards 27, 71, and 73	7.44	(5.79 - 9.50)	3.86	(2.84 - 5.23)
Boards 28, 43, and 67	8.07	(6.48 - 10.02)	3.94	(2.92 - 5.29)
Board 31 (Hamilton)	10.05	(8.12 - 12.36)	4.07	(3.09 - 5.34)
Board 48 (Lucas)	8.57	(6.83 - 10.71)	3.13	(2.28 - 4.29)
Boards 50 and 76	7.28	(5.76 - 9.17)	3.38	(2.52 - 4.52)
Board 57 (Montgomery)	9.47	(7.53 - 11.85)	3.53	(2.57 - 4.82)
Board 77 (Summit)	7.85	(6.17 - 9.95)	3.10	(2.29 - 4.18)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 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: Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically. Illicit Drugs Other Than Marijuana include cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically.

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

**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 2004, 2005, and 2006 NSDUHs**

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana <sup>1</sup>		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Ohio</b>	6.13	(5.62 - 6.69)	1.70	(1.57 - 1.83)	38.16	(36.82 - 39.53)
Boards 2, 46, 55, and 68	5.21	(3.94 - 6.86)	1.39	(1.06 - 1.81)	41.49	(37.01 - 46.13)
Boards 3, 52, and 85	5.04	(3.86 - 6.54)	1.70	(1.31 - 2.21)	39.65	(34.91 - 44.58)
Boards 4 and 78	5.77	(4.30 - 7.70)	1.45	(1.13 - 1.87)	40.06	(35.01 - 45.32)
Boards 5 and 60	5.70	(4.36 - 7.40)	1.62	(1.25 - 2.09)	42.39	(37.75 - 47.16)
Boards 7, 15, 41, 79, and 84	4.79	(3.63 - 6.30)	1.41	(1.09 - 1.82)	46.36	(41.57 - 51.23)
Boards 8, 13, and 83	5.56	(4.18 - 7.36)	1.80	(1.40 - 2.30)	35.88	(31.40 - 40.62)
Board 9 (Butler)	6.05	(4.58 - 7.96)	2.24	(1.71 - 2.95)	38.51	(33.82 - 43.41)
Board 12	6.04	(4.56 - 7.95)	1.60	(1.21 - 2.13)	42.39	(37.24 - 47.71)
Boards 18 and 47	6.77	(5.66 - 8.08)	1.56	(1.31 - 1.86)	36.55	(33.44 - 39.76)
Boards 20, 32, 54, and 69	4.15	(3.03 - 5.68)	1.57	(1.21 - 2.04)	41.86	(36.85 - 47.05)
Boards 21, 39, 51, 70, and 80	5.32	(4.03 - 6.98)	1.56	(1.22 - 1.99)	36.35	(31.85 - 41.11)
Boards 22, 74, and 87	5.12	(3.80 - 6.87)	1.67	(1.26 - 2.21)	36.79	(31.74 - 42.15)
Boards 23 and 45	4.96	(3.67 - 6.67)	1.72	(1.33 - 2.23)	40.83	(35.81 - 46.05)
Board 25 (Franklin)	7.02	(5.75 - 8.55)	1.97	(1.63 - 2.38)	33.39	(30.06 - 36.90)
Boards 27, 71, and 73	5.18	(3.96 - 6.73)	1.33	(1.02 - 1.72)	43.76	(39.19 - 48.45)
Boards 28, 43, and 67	6.14	(4.78 - 7.86)	1.91	(1.49 - 2.45)	38.52	(34.35 - 42.86)
Board 31 (Hamilton)	7.91	(6.32 - 9.87)	2.21	(1.78 - 2.74)	33.96	(30.20 - 37.93)
Board 48 (Lucas)	6.81	(5.31 - 8.69)	1.92	(1.51 - 2.45)	36.41	(32.05 - 40.99)
Boards 50 and 76	5.29	(4.06 - 6.86)	1.43	(1.12 - 1.81)	40.03	(35.71 - 44.52)
Board 57 (Montgomery)	7.81	(6.07 - 10.01)	1.86	(1.46 - 2.37)	37.04	(32.58 - 41.72)
Board 77 (Summit)	6.59	(5.09 - 8.50)	1.67	(1.32 - 2.12)	36.75	(32.32 - 41.41)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 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.

<sup>1</sup> *Average annual rate* =  $100 * \{ [X_1 \div (0.5 * X_1 + X_2)] \div 2 \}$ , where  $X_1$  is the number of marijuana initiates in the past 24 months and  $X_2$  is the number of persons who never used marijuana. Both of the computation components,  $X_1$  and  $X_2$ , are based on a survey-weighted hierarchical Bayes estimation approach. Note that the age group is based on a respondent's age at the time of the interview, not his or her age at first use. 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 age group-specific 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, 2004, 2005, and 2006.

**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 2004, 2005, and 2006 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
<b>Ohio</b>	10.52	(9.87 - 11.20)	2.27	(1.97 - 2.61)	5.08	(4.65 - 5.54)
Boards 2, 46, 55, and 68	8.94	(7.12 - 11.16)	2.06	(1.46 - 2.90)	5.10	(3.96 - 6.54)
Boards 3, 52, and 85	8.75	(6.98 - 10.91)	1.77	(1.24 - 2.53)	4.79	(3.65 - 6.26)
Boards 4 and 78	9.53	(7.39 - 12.20)	2.00	(1.39 - 2.87)	4.71	(3.56 - 6.22)
Boards 5 and 60	9.32	(7.46 - 11.59)	2.24	(1.60 - 3.14)	5.24	(4.05 - 6.76)
Boards 7, 15, 41, 79, and 84	8.34	(6.63 - 10.45)	1.88	(1.31 - 2.71)	4.92	(3.79 - 6.35)
Boards 8, 13, and 83	9.90	(7.90 - 12.33)	1.75	(1.22 - 2.50)	5.18	(4.00 - 6.68)
Board 9 (Butler)	10.40	(8.28 - 12.97)	2.23	(1.55 - 3.18)	5.44	(4.15 - 7.09)
Board 12	9.32	(7.35 - 11.74)	2.08	(1.46 - 2.96)	5.33	(4.06 - 6.96)
Boards 18 and 47	11.72	(10.11 - 13.54)	2.21	(1.60 - 3.04)	4.22	(3.43 - 5.17)
Boards 20, 32, 54, and 69	7.80	(6.00 - 10.08)	1.86	(1.27 - 2.71)	4.74	(3.58 - 6.25)
Boards 21, 39, 51, 70, and 80	9.20	(7.42 - 11.36)	2.12	(1.53 - 2.94)	4.67	(3.62 - 6.00)
Boards 22, 74, and 87	9.37	(7.21 - 12.08)	1.99	(1.37 - 2.88)	5.12	(3.89 - 6.71)
Boards 23 and 45	8.84	(7.03 - 11.05)	1.96	(1.38 - 2.76)	4.84	(3.71 - 6.28)
Board 25 (Franklin)	12.50	(10.66 - 14.61)	2.53	(1.84 - 3.47)	5.83	(4.74 - 7.15)
Boards 27, 71, and 73	8.60	(6.85 - 10.73)	1.83	(1.29 - 2.57)	5.88	(4.57 - 7.55)
Boards 28, 43, and 67	9.74	(7.90 - 11.95)	2.62	(1.87 - 3.65)	5.64	(4.48 - 7.09)
Board 31 (Hamilton)	13.77	(11.51 - 16.38)	3.03	(2.13 - 4.30)	5.40	(4.35 - 6.69)
Board 48 (Lucas)	11.60	(9.45 - 14.17)	2.40	(1.63 - 3.51)	4.76	(3.69 - 6.11)
Boards 50 and 76	8.60	(6.90 - 10.68)	2.38	(1.68 - 3.35)	5.45	(4.28 - 6.91)
Board 57 (Montgomery)	12.81	(10.39 - 15.70)	2.62	(1.86 - 3.67)	5.31	(4.12 - 6.81)
Board 77 (Summit)	11.46	(9.28 - 14.06)	2.66	(1.82 - 3.86)	4.82	(3.71 - 6.23)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 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, 2004, 2005, and 2006.

**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 2004, 2005, and 2006 NSDUHs**

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month <sup>1</sup>		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
<b>Ohio</b>	51.05	(49.64 - 52.45)	23.81	(22.76 - 24.89)	37.93	(36.61 - 39.26)
Boards 2, 46, 55, and 68	43.49	(38.27 - 48.86)	21.21	(18.17 - 24.60)	37.49	(33.60 - 41.54)
Boards 3, 52, and 85	50.65	(45.05 - 56.23)	21.66	(18.46 - 25.24)	34.39	(30.53 - 38.47)
Boards 4 and 78	50.54	(44.77 - 56.29)	24.82	(21.09 - 28.96)	35.73	(31.52 - 40.18)
Boards 5 and 60	44.08	(38.92 - 49.38)	25.27	(21.94 - 28.91)	37.64	(33.80 - 41.64)
Boards 7, 15, 41, 79, and 84	42.85	(37.67 - 48.19)	22.31	(18.98 - 26.04)	36.29	(32.22 - 40.56)
Boards 8, 13, and 83	51.68	(46.43 - 56.89)	22.82	(19.57 - 26.43)	35.68	(31.88 - 39.66)
Board 9 (Butler)	50.49	(44.84 - 56.12)	25.07	(21.47 - 29.05)	36.95	(32.77 - 41.33)
Board 12	45.66	(40.02 - 51.42)	19.90	(16.64 - 23.63)	40.04	(35.76 - 44.47)
Boards 18 and 47	54.28	(50.96 - 57.55)	24.37	(21.92 - 27.00)	39.58	(36.67 - 42.57)
Boards 20, 32, 54, and 69	53.87	(48.23 - 59.42)	25.94	(22.19 - 30.09)	35.72	(31.68 - 39.98)
Boards 21, 39, 51, 70, and 80	51.35	(45.93 - 56.74)	23.35	(20.11 - 26.93)	36.24	(32.32 - 40.34)
Boards 22, 74, and 87	52.69	(46.48 - 58.82)	26.69	(22.85 - 30.90)	37.06	(32.60 - 41.76)
Boards 23 and 45	48.61	(43.04 - 54.22)	23.53	(20.14 - 27.31)	36.73	(32.69 - 40.96)
Board 25 (Franklin)	55.86	(52.11 - 59.54)	25.59	(23.12 - 28.23)	38.61	(35.45 - 41.87)
Boards 27, 71, and 73	36.21	(31.39 - 41.32)	19.24	(16.32 - 22.54)	36.89	(32.99 - 40.96)
Boards 28, 43, and 67	56.62	(51.63 - 61.48)	25.00	(21.67 - 28.66)	37.42	(33.45 - 41.58)
Board 31 (Hamilton)	53.83	(49.47 - 58.13)	23.92	(21.02 - 27.09)	38.23	(34.60 - 41.99)
Board 48 (Lucas)	51.84	(46.65 - 57.00)	25.75	(22.31 - 29.52)	38.66	(34.88 - 42.59)
Boards 50 and 76	52.19	(47.22 - 57.12)	24.24	(21.06 - 27.73)	38.05	(34.16 - 42.09)
Board 57 (Montgomery)	50.62	(45.65 - 55.58)	22.78	(19.62 - 26.28)	39.64	(35.78 - 43.63)
Board 77 (Summit)	54.65	(49.50 - 59.70)	23.59	(20.42 - 27.08)	41.18	(37.03 - 45.46)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 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.

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

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

**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 2004, 2005, and 2006 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 <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Ohio</b>	29.80	(28.64 - 30.99)	21.15	(20.11 - 22.22)
Boards 2, 46, 55, and 68	28.13	(24.30 - 32.30)	20.01	(16.52 - 24.02)
Boards 3, 52, and 85	28.88	(24.87 - 33.25)	20.48	(16.92 - 24.58)
Boards 4 and 78	29.77	(25.55 - 34.36)	21.46	(17.99 - 25.38)
Boards 5 and 60	29.83	(25.87 - 34.11)	23.37	(19.72 - 27.47)
Boards 7, 15, 41, 79, and 84	30.38	(26.16 - 34.97)	22.32	(18.75 - 26.36)
Boards 8, 13, and 83	29.58	(25.47 - 34.05)	19.75	(16.23 - 23.81)
Board 9 (Butler)	31.03	(26.80 - 35.60)	23.72	(19.94 - 27.97)
Board 12	26.57	(22.68 - 30.87)	19.74	(16.12 - 23.94)
Boards 18 and 47	28.41	(25.66 - 31.34)	20.34	(17.96 - 22.95)
Boards 20, 32, 54, and 69	31.90	(27.60 - 36.52)	23.29	(19.40 - 27.69)
Boards 21, 39, 51, 70, and 80	30.33	(26.53 - 34.41)	20.93	(17.60 - 24.71)
Boards 22, 74, and 87	34.26	(29.79 - 39.03)	26.69	(22.58 - 31.25)
Boards 23 and 45	30.20	(26.22 - 34.50)	23.67	(19.99 - 27.80)
Board 25 (Franklin)	30.78	(27.80 - 33.92)	21.29	(18.67 - 24.17)
Boards 27, 71, and 73	25.22	(21.30 - 29.60)	18.19	(14.96 - 21.92)
Boards 28, 43, and 67	34.32	(30.23 - 38.65)	25.45	(21.78 - 29.50)
Board 31 (Hamilton)	31.17	(27.72 - 34.83)	20.38	(17.53 - 23.55)
Board 48 (Lucas)	29.61	(26.08 - 33.41)	19.84	(16.90 - 23.15)
Boards 50 and 76	30.15	(26.61 - 33.95)	20.94	(17.79 - 24.47)
Board 57 (Montgomery)	27.15	(23.43 - 31.22)	17.61	(14.52 - 21.21)
Board 77 (Summit)	29.76	(25.92 - 33.90)	19.96	(16.74 - 23.61)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 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.

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

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

**Table 36.6 Cigarette Use in Past Month, Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day in Ohio among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

State/Substate Region	Cigarette Use in Past Month		Tobacco Product Use in Past Month <sup>1</sup>		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
<b>Ohio</b>	28.39	(27.16 - 29.65)	33.55	(32.32 - 34.81)	71.00	(69.75 - 72.23)
Boards 2, 46, 55, and 68	29.99	(26.57 - 33.64)	34.85	(31.12 - 38.79)	66.53	(62.71 - 70.14)
Boards 3, 52, and 85	26.51	(23.23 - 30.08)	31.71	(28.05 - 35.62)	71.03	(67.57 - 74.27)
Boards 4 and 78	29.45	(25.46 - 33.78)	34.75	(30.56 - 39.18)	68.79	(64.99 - 72.36)
Boards 5 and 60	31.37	(27.76 - 35.23)	37.06	(33.20 - 41.08)	65.86	(62.04 - 69.49)
Boards 7, 15, 41, 79, and 84	31.09	(27.35 - 35.09)	36.64	(32.71 - 40.75)	67.27	(63.47 - 70.86)
Boards 8, 13, and 83	28.16	(24.75 - 31.85)	33.87	(30.24 - 37.70)	70.24	(66.77 - 73.49)
Board 9 (Butler)	29.07	(25.51 - 32.90)	34.03	(30.22 - 38.06)	72.25	(68.70 - 75.54)
Board 12	25.57	(22.05 - 29.43)	30.51	(26.74 - 34.56)	72.82	(69.31 - 76.08)
Boards 18 and 47	29.04	(26.48 - 31.73)	34.10	(31.34 - 36.98)	72.27	(69.62 - 74.77)
Boards 20, 32, 54, and 69	27.62	(24.33 - 31.18)	32.70	(28.95 - 36.69)	67.75	(63.87 - 71.40)
Boards 21, 39, 51, 70, and 80	27.90	(24.50 - 31.58)	33.13	(29.39 - 37.10)	69.65	(66.00 - 73.06)
Boards 22, 74, and 87	28.14	(24.43 - 32.17)	33.49	(29.47 - 37.76)	70.11	(66.30 - 73.66)
Boards 23 and 45	28.76	(25.27 - 32.52)	33.81	(30.20 - 37.62)	70.82	(67.17 - 74.22)
Board 25 (Franklin)	26.89	(24.27 - 29.69)	31.54	(28.72 - 34.49)	73.07	(70.40 - 75.58)
Boards 27, 71, and 73	33.09	(29.38 - 37.02)	39.24	(35.36 - 43.25)	66.66	(62.90 - 70.23)
Boards 28, 43, and 67	25.34	(22.32 - 28.63)	29.94	(26.72 - 33.36)	71.94	(68.60 - 75.06)
Board 31 (Hamilton)	25.59	(22.48 - 28.96)	31.07	(27.89 - 34.44)	74.40	(71.50 - 77.10)
Board 48 (Lucas)	28.80	(25.43 - 32.41)	33.73	(30.20 - 37.46)	73.34	(69.83 - 76.57)
Boards 50 and 76	28.15	(24.88 - 31.67)	34.23	(30.67 - 37.97)	71.45	(68.01 - 74.66)
Board 57 (Montgomery)	28.10	(24.81 - 31.65)	32.52	(28.96 - 36.28)	71.42	(68.12 - 74.50)
Board 77 (Summit)	29.74	(26.26 - 33.47)	34.49	(30.98 - 38.19)	72.77	(69.39 - 75.90)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 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.

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

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

**Table 36.7 Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year in Ohio among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

State/Substate Region	Alcohol Dependence in Past Year		Illicit Drug Dependence in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Ohio</b>	3.13	(2.77 - 3.54)	1.99	(1.74 - 2.29)
Boards 2, 46, 55, and 68	2.86	(2.06 - 3.95)	1.77	(1.24 - 2.52)
Boards 3, 52, and 85	2.68	(1.92 - 3.73)	1.74	(1.22 - 2.47)
Boards 4 and 78	2.91	(2.10 - 4.04)	1.66	(1.13 - 2.42)
Boards 5 and 60	3.36	(2.49 - 4.52)	1.95	(1.38 - 2.75)
Boards 7, 15, 41, 79, and 84	2.87	(2.07 - 3.96)	1.65	(1.15 - 2.35)
Boards 8, 13, and 83	2.44	(1.72 - 3.47)	1.78	(1.24 - 2.54)
Board 9 (Butler)	3.19	(2.31 - 4.39)	1.93	(1.36 - 2.75)
Board 12	2.84	(2.03 - 3.98)	2.04	(1.43 - 2.91)
Boards 18 and 47	2.93	(2.20 - 3.88)	1.77	(1.30 - 2.39)
Boards 20, 32, 54, and 69	3.01	(2.16 - 4.17)	1.69	(1.17 - 2.44)
Boards 21, 39, 51, 70, and 80	2.69	(1.93 - 3.72)	1.75	(1.22 - 2.51)
Boards 22, 74, and 87	3.53	(2.54 - 4.90)	2.09	(1.46 - 2.98)
Boards 23 and 45	3.03	(2.20 - 4.15)	1.98	(1.38 - 2.82)
Board 25 (Franklin)	3.95	(3.04 - 5.11)	2.50	(1.83 - 3.40)
Boards 27, 71, and 73	2.79	(2.04 - 3.80)	1.95	(1.37 - 2.78)
Boards 28, 43, and 67	3.60	(2.62 - 4.93)	1.97	(1.43 - 2.70)
Board 31 (Hamilton)	3.49	(2.58 - 4.70)	2.37	(1.69 - 3.29)
Board 48 (Lucas)	3.38	(2.50 - 4.57)	1.89	(1.32 - 2.70)
Boards 50 and 76	2.97	(2.17 - 4.05)	1.66	(1.16 - 2.37)
Board 57 (Montgomery)	3.20	(2.35 - 4.33)	2.67	(1.90 - 3.74)
Board 77 (Summit)	3.11	(2.26 - 4.28)	2.46	(1.68 - 3.59)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 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 4<sup>th</sup> edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

<sup>1</sup> Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically.

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

**Table 36.8 Alcohol Dependence or Abuse in Past Year, Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year in Ohio among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Illicit Drug Dependence or Abuse in Past Year <sup>1</sup>		Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year <sup>1</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Ohio</b>	7.46	(6.87 - 8.10)	2.92	(2.61 - 3.28)	9.16	(8.51 - 9.85)
Boards 2, 46, 55, and 68	7.11	(5.66 - 8.90)	2.76	(2.01 - 3.77)	8.49	(6.84 - 10.49)
Boards 3, 52, and 85	6.34	(4.94 - 8.10)	2.86	(2.07 - 3.94)	7.67	(6.11 - 9.59)
Boards 4 and 78	7.42	(5.90 - 9.29)	2.44	(1.71 - 3.47)	8.80	(7.02 - 10.98)
Boards 5 and 60	7.56	(6.07 - 9.37)	3.10	(2.26 - 4.24)	9.45	(7.83 - 11.37)
Boards 7, 15, 41, 79, and 84	6.75	(5.40 - 8.41)	2.60	(1.86 - 3.61)	8.01	(6.47 - 9.88)
Boards 8, 13, and 83	6.86	(5.37 - 8.73)	2.77	(2.01 - 3.82)	8.55	(6.85 - 10.61)
Board 9 (Butler)	8.16	(6.49 - 10.21)	3.01	(2.19 - 4.14)	9.59	(7.74 - 11.82)
Board 12	6.41	(4.99 - 8.19)	2.85	(2.03 - 3.98)	7.91	(6.30 - 9.89)
Boards 18 and 47	7.29	(6.13 - 8.66)	2.52	(1.95 - 3.27)	8.78	(7.45 - 10.31)
Boards 20, 32, 54, and 69	7.17	(5.62 - 9.11)	2.63	(1.88 - 3.65)	8.71	(6.98 - 10.82)
Boards 21, 39, 51, 70, and 80	6.66	(5.29 - 8.36)	2.62	(1.89 - 3.62)	7.95	(6.41 - 9.82)
Boards 22, 74, and 87	8.39	(6.66 - 10.51)	3.09	(2.22 - 4.29)	10.22	(8.17 - 12.71)
Boards 23 and 45	7.46	(5.98 - 9.25)	2.80	(2.02 - 3.86)	8.84	(7.14 - 10.89)
Board 25 (Franklin)	8.72	(7.36 - 10.31)	3.60	(2.74 - 4.73)	10.75	(9.13 - 12.63)
Boards 27, 71, and 73	6.04	(4.68 - 7.77)	2.83	(2.08 - 3.85)	7.88	(6.34 - 9.75)
Boards 28, 43, and 67	7.69	(6.21 - 9.48)	2.83	(2.09 - 3.84)	9.27	(7.60 - 11.26)
Board 31 (Hamilton)	8.31	(6.84 - 10.07)	3.36	(2.47 - 4.54)	10.42	(8.65 - 12.51)
Board 48 (Lucas)	8.03	(6.43 - 10.00)	2.98	(2.14 - 4.13)	10.32	(8.42 - 12.60)
Boards 50 and 76	7.47	(6.03 - 9.21)	2.55	(1.84 - 3.52)	8.83	(7.25 - 10.72)
Board 57 (Montgomery)	7.37	(5.87 - 9.22)	3.43	(2.51 - 4.67)	9.79	(8.00 - 11.92)
Board 77 (Summit)	7.54	(6.01 - 9.42)	3.37	(2.45 - 4.63)	9.53	(7.84 - 11.54)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 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 4<sup>th</sup> edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*.

<sup>1</sup> Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically.

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



**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 2004, 2005, and 2006 NSDUHs*

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year <sup>1</sup>		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Ohio</b>	6.99	(6.45 - 7.58)	2.50	(2.21 - 2.82)
Boards 2, 46, 55, and 68	6.60	(5.28 - 8.22)	2.30	(1.68 - 3.14)
Boards 3, 52, and 85	6.03	(4.72 - 7.68)	2.30	(1.64 - 3.22)
Boards 4 and 78	6.75	(5.30 - 8.55)	2.09	(1.46 - 2.99)
Boards 5 and 60	7.13	(5.78 - 8.76)	2.80	(1.98 - 3.95)
Boards 7, 15, 41, 79, and 84	6.42	(5.06 - 8.10)	2.25	(1.61 - 3.14)
Boards 8, 13, and 83	6.44	(5.10 - 8.10)	2.37	(1.71 - 3.27)
Board 9 (Butler)	7.83	(6.27 - 9.74)	2.64	(1.88 - 3.71)
Board 12	6.12	(4.75 - 7.87)	2.38	(1.67 - 3.38)
Boards 18 and 47	6.88	(5.78 - 8.17)	2.21	(1.69 - 2.88)
Boards 20, 32, 54, and 69	6.83	(5.36 - 8.68)	2.14	(1.53 - 2.97)
Boards 21, 39, 51, 70, and 80	6.20	(4.92 - 7.79)	2.22	(1.62 - 3.05)
Boards 22, 74, and 87	7.75	(6.12 - 9.76)	2.68	(1.91 - 3.75)
Boards 23 and 45	6.99	(5.55 - 8.77)	2.28	(1.63 - 3.19)
Board 25 (Franklin)	7.93	(6.71 - 9.36)	2.94	(2.20 - 3.90)
Boards 27, 71, and 73	5.76	(4.52 - 7.31)	2.44	(1.74 - 3.41)
Boards 28, 43, and 67	7.26	(5.86 - 8.96)	2.41	(1.77 - 3.29)
Board 31 (Hamilton)	7.77	(6.36 - 9.46)	2.98	(2.18 - 4.05)
Board 48 (Lucas)	7.58	(6.10 - 9.37)	2.61	(1.87 - 3.63)
Boards 50 and 76	7.02	(5.61 - 8.74)	2.05	(1.46 - 2.87)
Board 57 (Montgomery)	7.00	(5.56 - 8.78)	3.04	(2.22 - 4.15)
Board 77 (Summit)	6.98	(5.55 - 8.74)	2.96	(2.12 - 4.13)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 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.

<sup>1</sup> 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).

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

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

**Table 36.10** *Serious Psychological Distress in Past Year and Having at Least One Major Depressive Episode in Past Year in Ohio among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs*

State/Substate Region	Serious Psychological Distress in Past Year <sup>1</sup>		Having at Least One Major Depressive Episode in Past Year <sup>2</sup>	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
<b>Ohio</b>	12.24	(11.36 - 13.17)	8.76	(7.92 - 9.69)
Boards 2, 46, 55, and 68	11.77	(9.69 - 14.24)	9.35	(7.21 - 12.04)
Boards 3, 52, and 85	11.15	(9.19 - 13.46)	8.04	(6.16 - 10.43)
Boards 4 and 78	12.36	(10.14 - 14.99)	9.26	(7.00 - 12.15)
Boards 5 and 60	13.80	(11.54 - 16.40)	9.65	(7.48 - 12.37)
Boards 7, 15, 41, 79, and 84	12.25	(10.03 - 14.88)	9.25	(7.08 - 12.01)
Boards 8, 13, and 83	11.37	(9.45 - 13.62)	8.79	(6.86 - 11.19)
Board 9 (Butler)	12.90	(10.70 - 15.48)	9.44	(7.36 - 12.03)
Board 12	12.06	(9.95 - 14.54)	8.83	(6.86 - 11.31)
Boards 18 and 47	10.96	(9.39 - 12.76)	7.95	(6.32 - 9.96)
Boards 20, 32, 54, and 69	11.71	(9.65 - 14.13)	8.48	(6.46 - 11.05)
Boards 21, 39, 51, 70, and 80	12.99	(10.80 - 15.56)	9.61	(7.41 - 12.38)
Boards 22, 74, and 87	11.72	(9.63 - 14.19)	8.25	(6.27 - 10.78)
Boards 23 and 45	12.22	(10.12 - 14.68)	8.64	(6.65 - 11.14)
Board 25 (Franklin)	13.48	(11.71 - 15.47)	8.78	(7.12 - 10.79)
Boards 27, 71, and 73	13.52	(11.20 - 16.24)	9.99	(7.75 - 12.78)
Boards 28, 43, and 67	10.58	(8.84 - 12.61)	8.43	(6.48 - 10.89)
Board 31 (Hamilton)	12.70	(10.73 - 14.98)	8.92	(7.05 - 11.21)
Board 48 (Lucas)	12.72	(10.45 - 15.40)	8.43	(6.47 - 10.92)
Boards 50 and 76	11.63	(9.57 - 14.07)	8.39	(6.54 - 10.70)
Board 57 (Montgomery)	13.34	(11.09 - 15.96)	8.58	(6.71 - 10.92)
Board 77 (Summit)	13.01	(10.78 - 15.62)	9.08	(7.08 - 11.57)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 National Surveys on Drug Use and Health*.

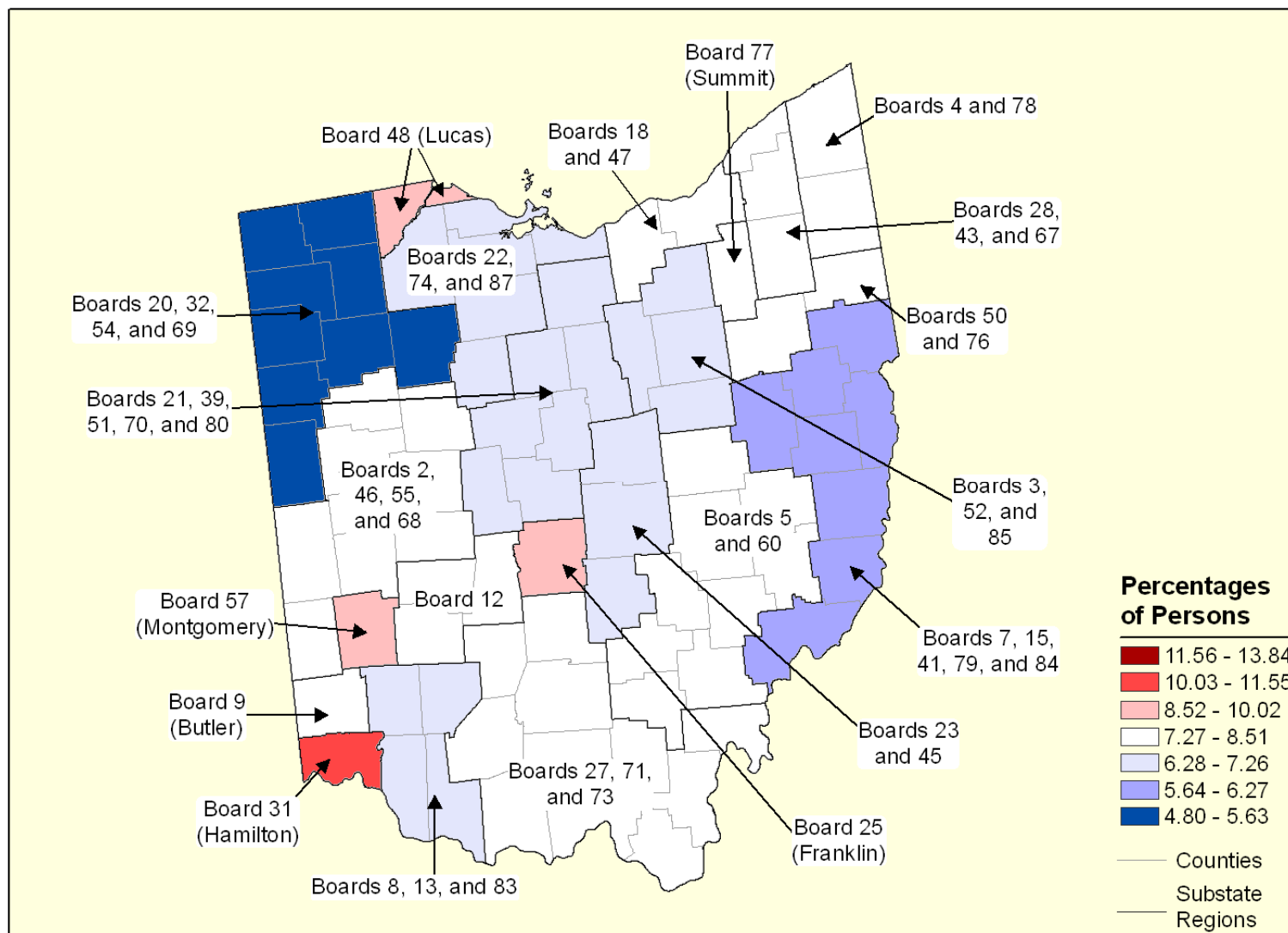
NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

<sup>1</sup> Serious Psychological Distress (SPD) is defined as having a score of 13 or higher on the K6 scale. Because of questionnaire changes, these estimates are not comparable with estimates from the 2002-2004 substate report. For details, see Section B.7 of the report on *Substate Estimates from the 2004-2006 National Surveys on Drug Use and Health*. Data for SPD are not defined for 12 to 17 year olds; therefore, the estimates reflect only those aged 18 or older.

<sup>2</sup> Major Depressive Episode (MDE) is defined as in the 4<sup>th</sup> edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV), which specifies a period of at least 2 weeks when a person experienced a depressed mood or loss of interest or pleasure in daily activities and had a majority of specified depression symptoms. There are minor wording differences in the questions in the adult and adolescent MDE modules. Therefore, data from youths aged 12 to 17 were not combined with data from persons aged 18 or older to get an overall estimate (12 or older).

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

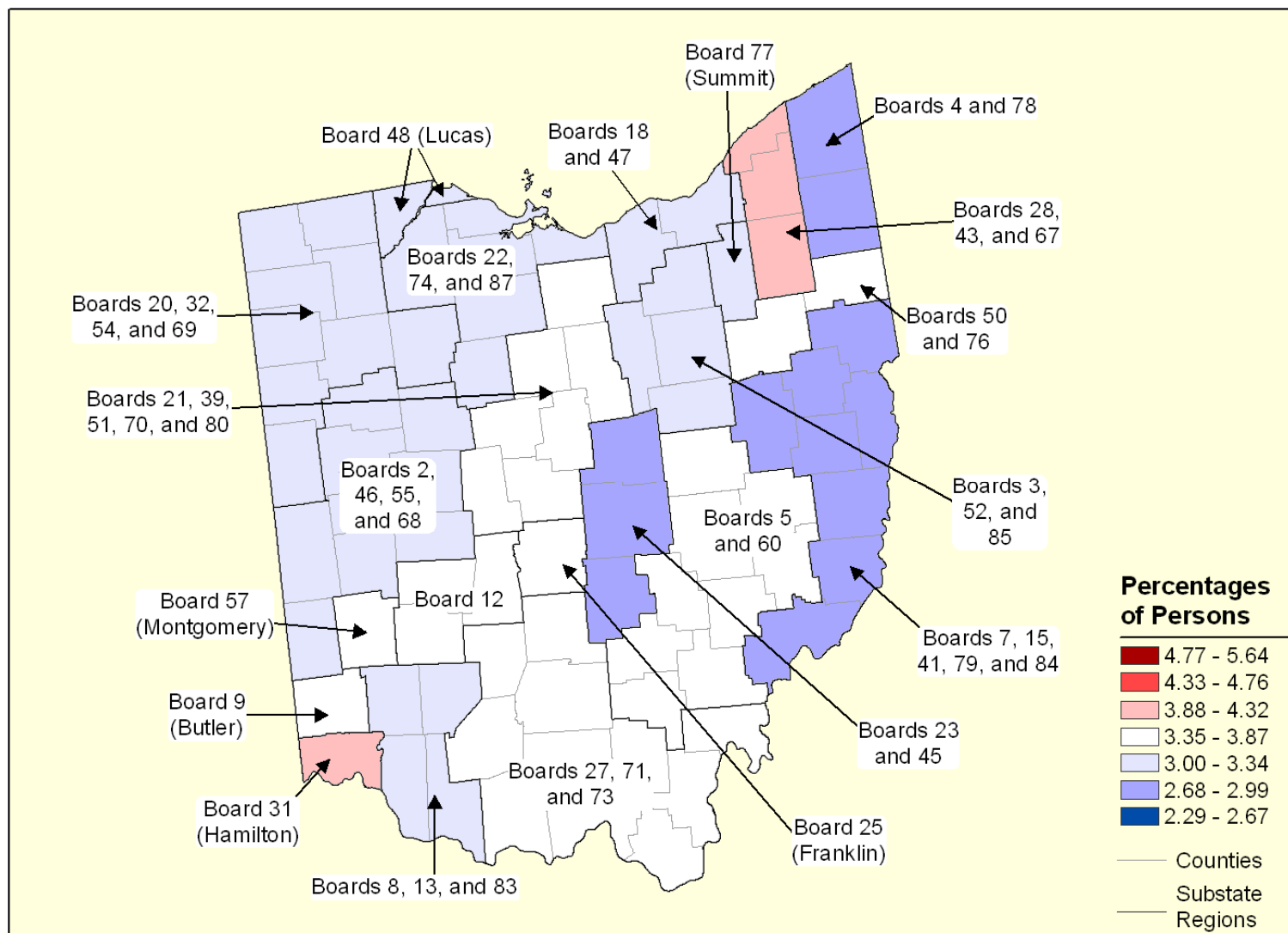
**Figure 36.1.1 Illicit Drug Use in Past Month among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**



NOTE: The legend's ranges were created by dividing 345 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 2004-2006 National Surveys on Drug Use and Health*.

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

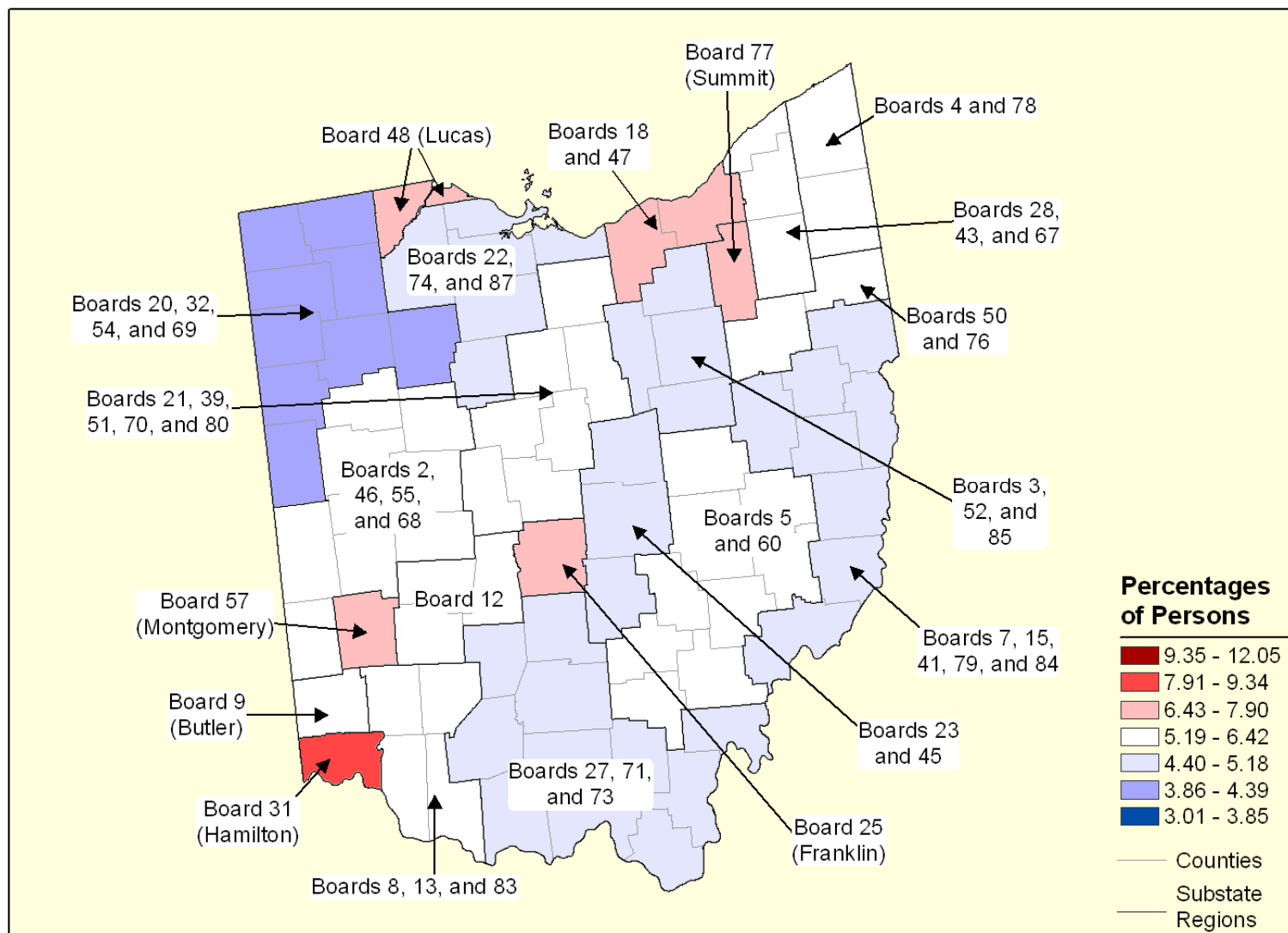
**Figure 36.1.2 *Illicit Drug Use Other Than Marijuana in Past Month* among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**



NOTE: The legend's ranges were created by dividing 345 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 2004-2006 National Surveys on Drug Use and Health*.

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

**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 2004, 2005, and 2006 NSDUHs**

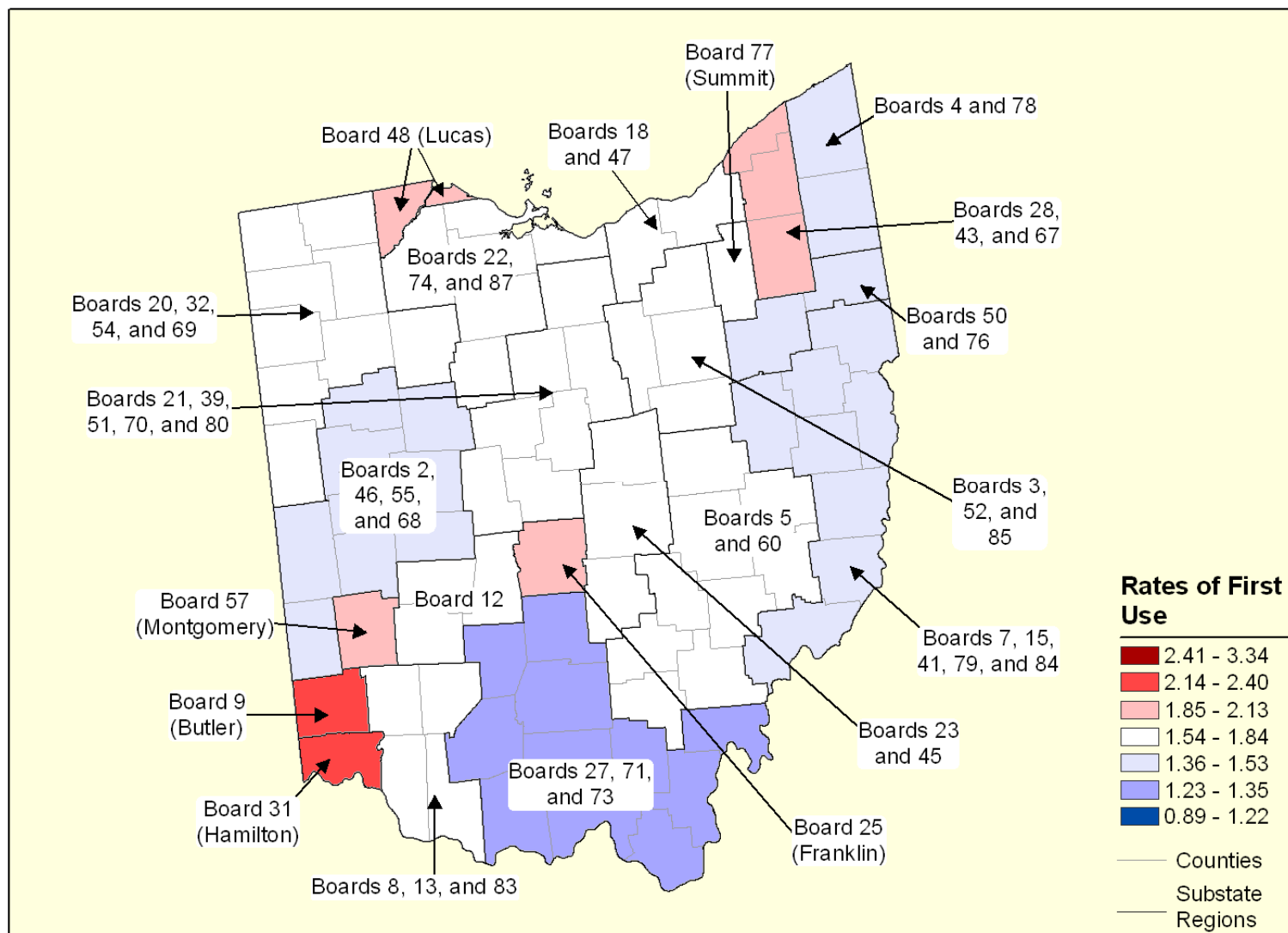


1238

NOTE: The legend's ranges were created by dividing 345 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 2004-2006 National Surveys on Drug Use and Health*.

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

**Figure 36.2.2** *First Use of Marijuana* among Persons Aged 12 or Older in Ohio, by Substate Region: Average Annual Rates Based on 2004, 2005, and 2006 NSDUHs

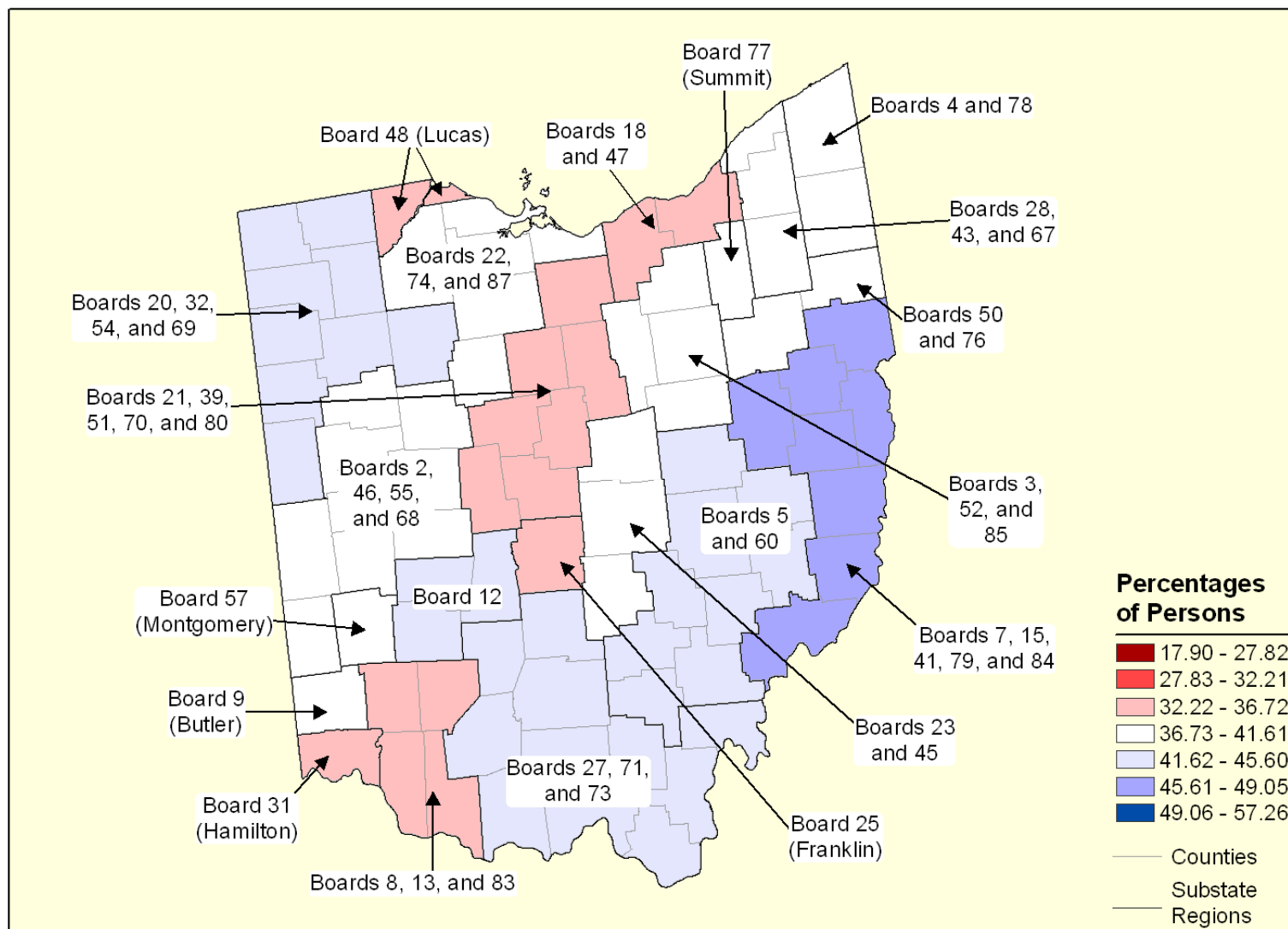


1239

NOTE: The legend's ranges were created by dividing 345 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 2004-2006 National Surveys on Drug Use and Health*.

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

**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 2004, 2005, and 2006 NSDUHs**

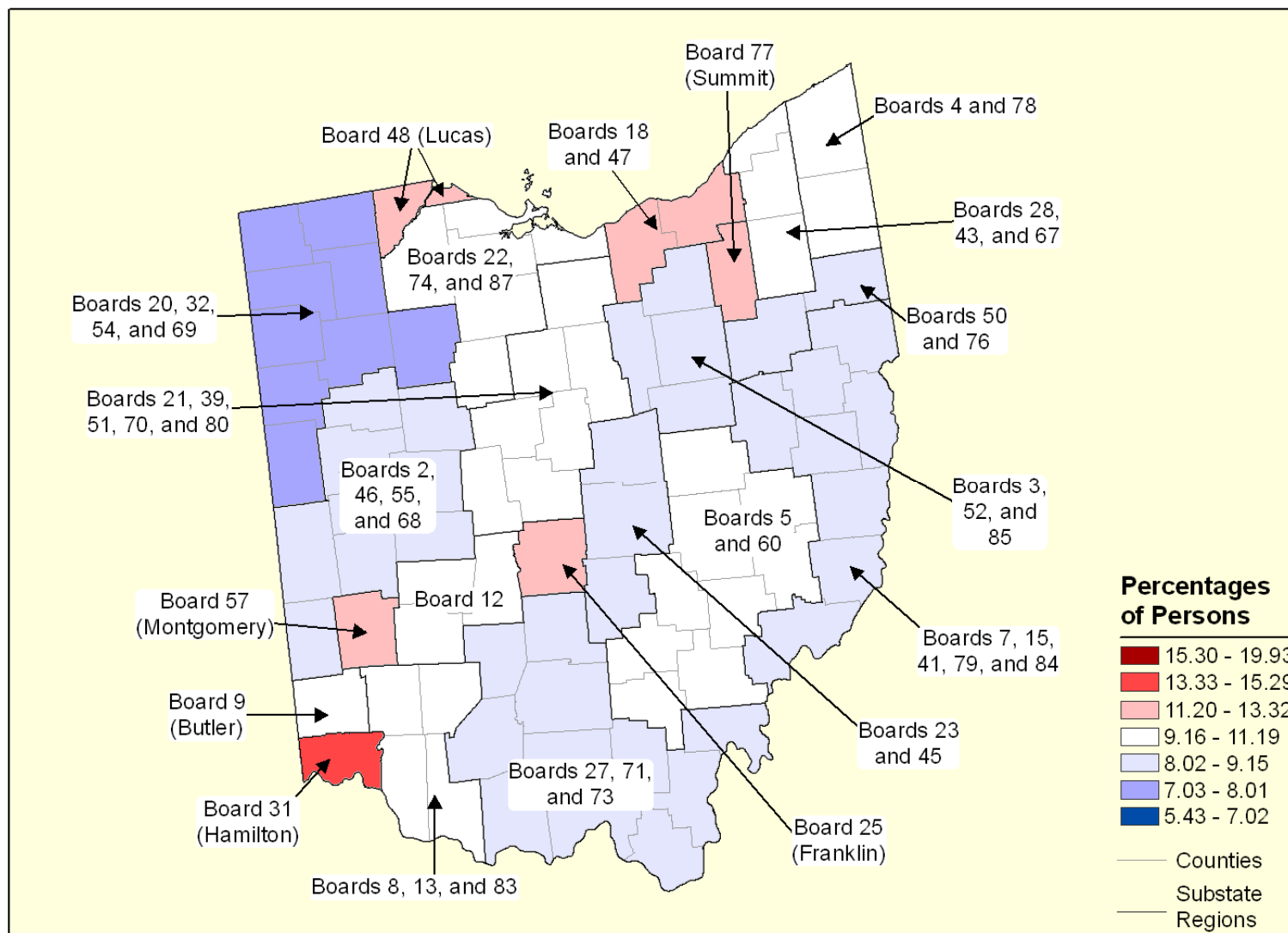


1240

NOTE: The legend's ranges were created by dividing 345 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 2004-2006 National Surveys on Drug Use and Health*.

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

**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 2004, 2005, and 2006 NSDUHs**



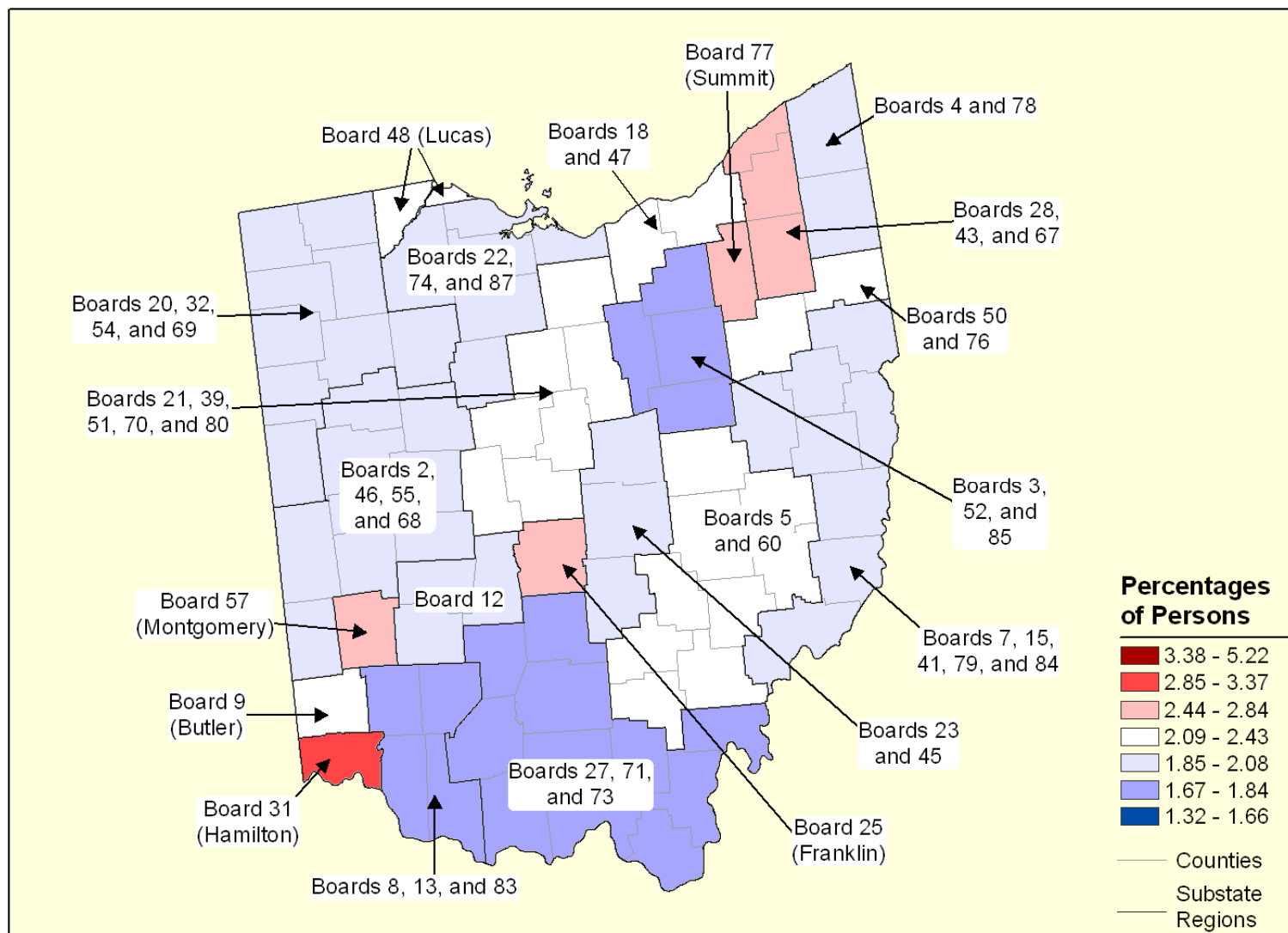
1241

NOTE: The legend's ranges were created by dividing 345 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 2004-2006 National Surveys on Drug Use and Health*.

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



**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 2004, 2005, and 2006 NSDUHs**

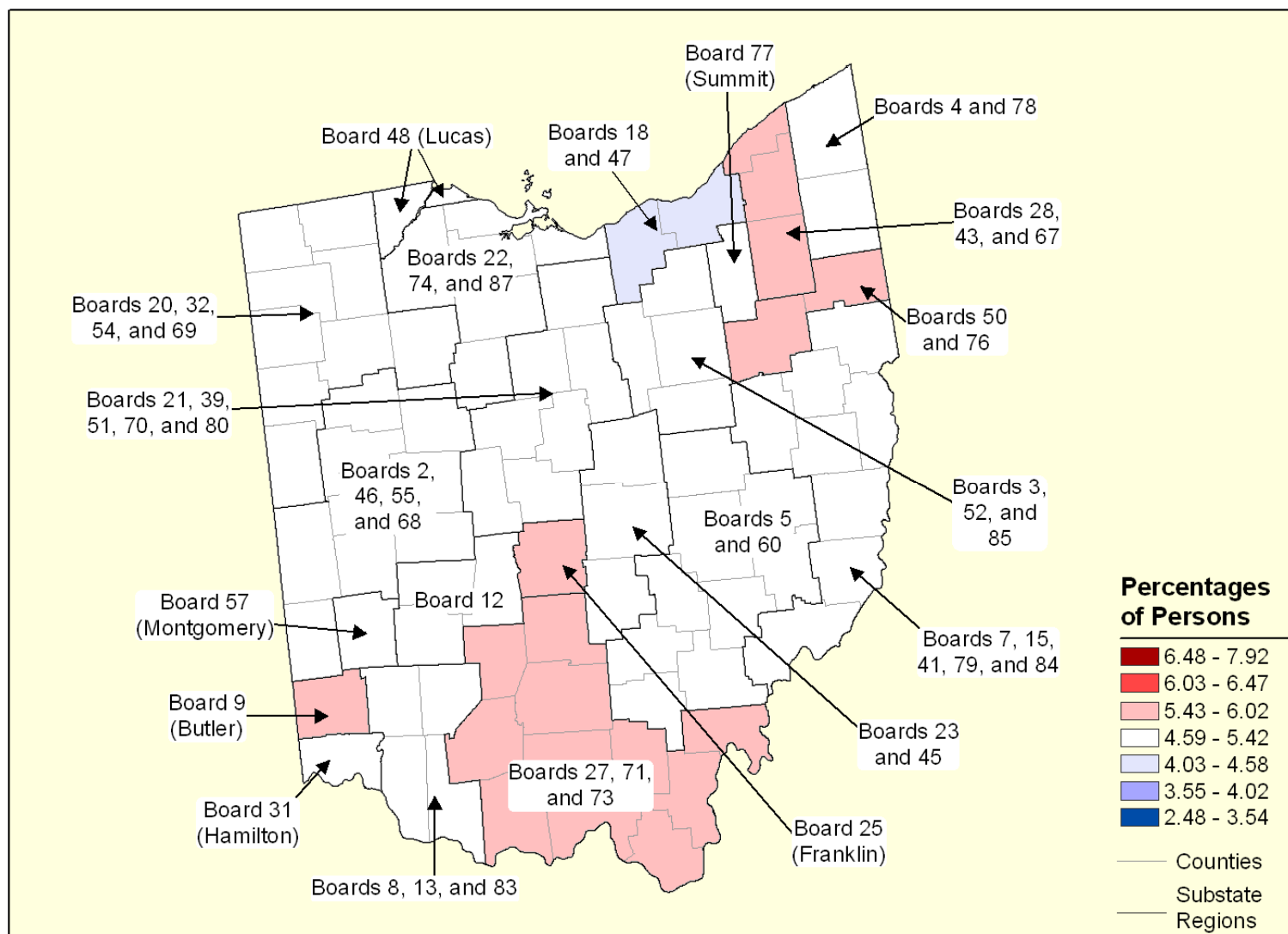


1242

NOTE: The legend's ranges were created by dividing 345 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 2004-2006 National Surveys on Drug Use and Health*.

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

**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 2004, 2005, and 2006 NSDUHs**

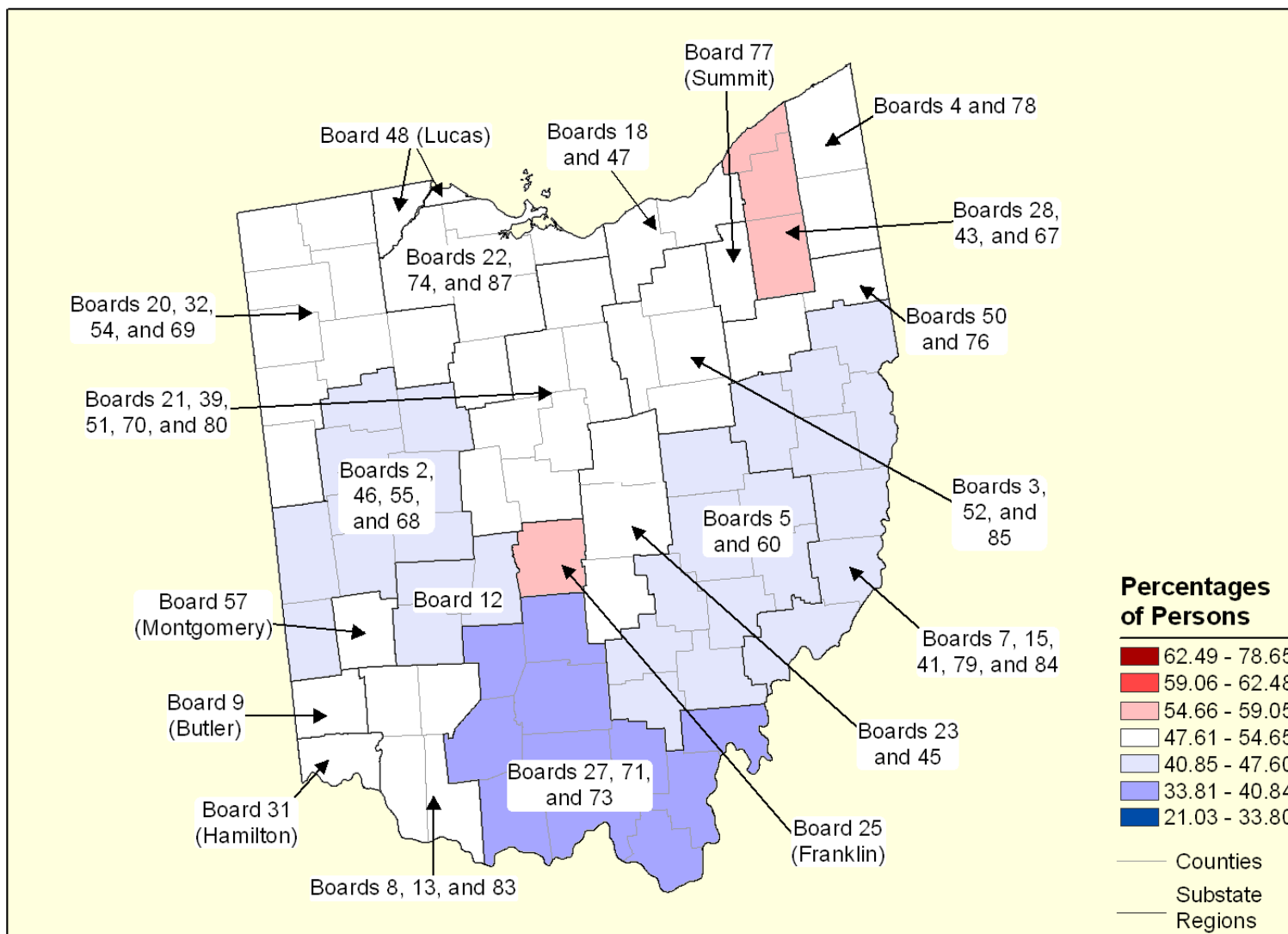


1243

NOTE: The legend's ranges were created by dividing 345 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 2004-2006 National Surveys on Drug Use and Health*.

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

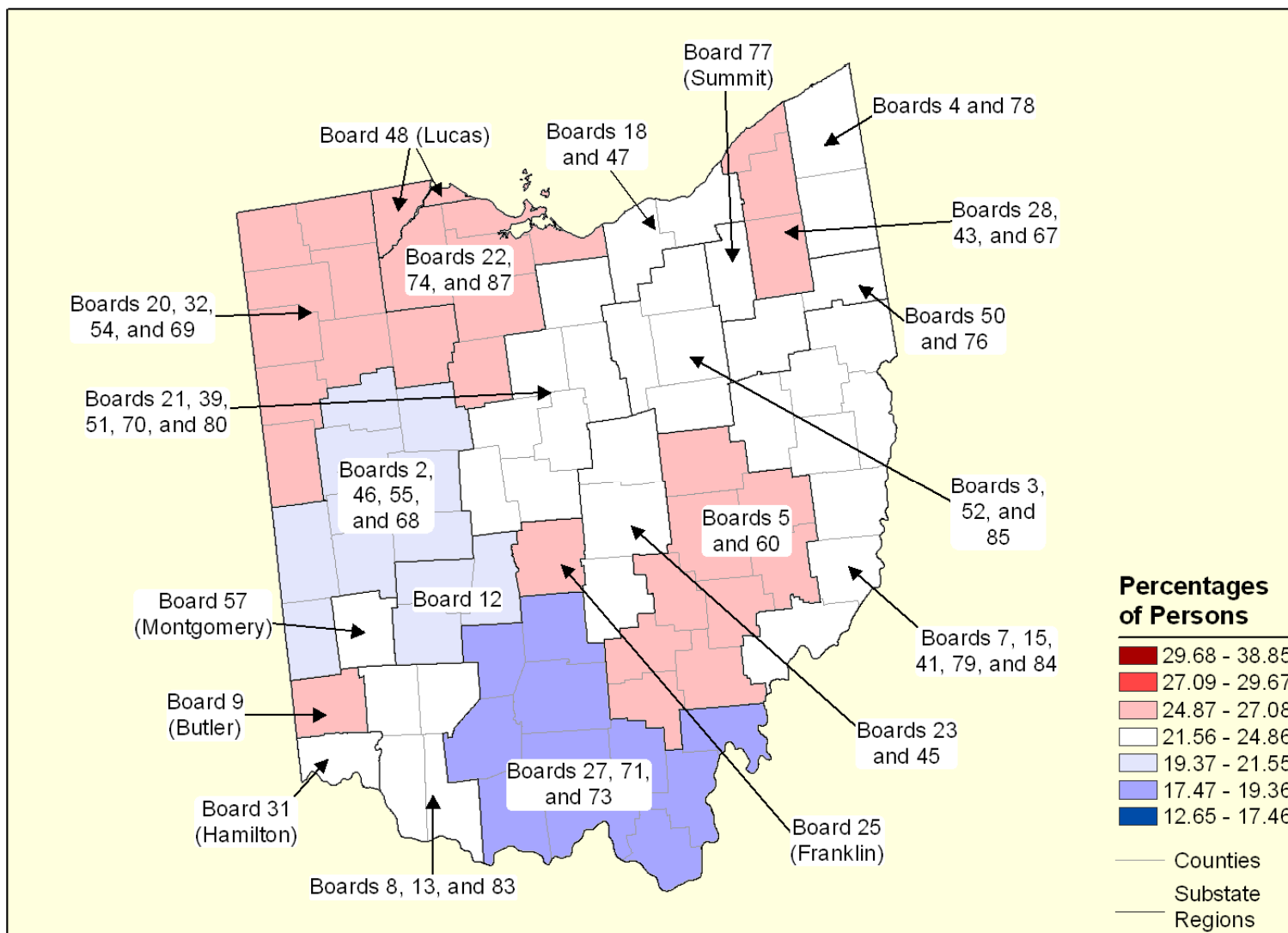
**Figure 36.4.1 Alcohol Use in Past Month among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**



NOTE: The legend's ranges were created by dividing 345 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 2004-2006 National Surveys on Drug Use and Health*.

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

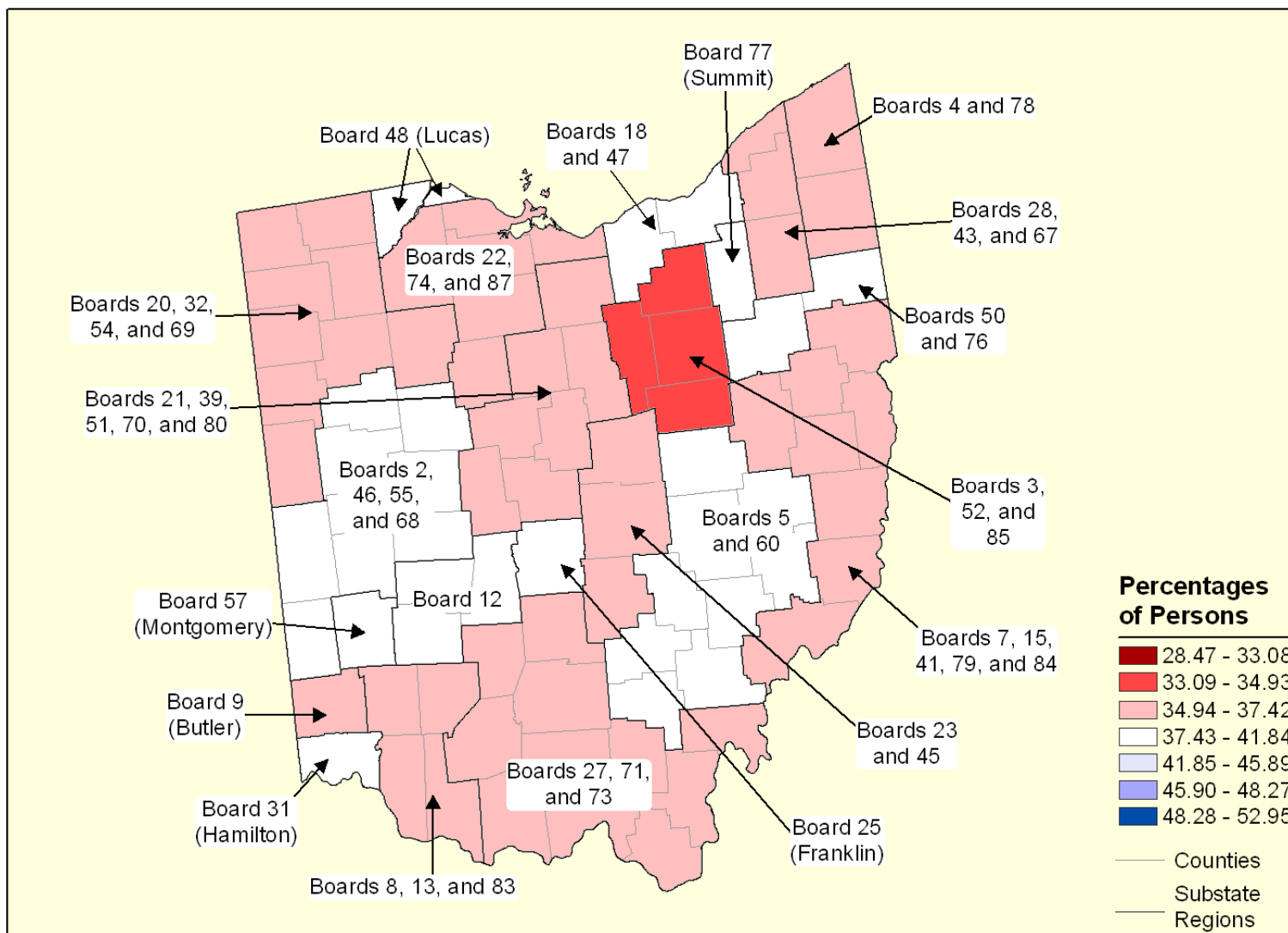
**Figure 36.4.2 *Binge Alcohol Use in Past Month* among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**



NOTE: The legend's ranges were created by dividing 345 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 2004-2006 National Surveys on Drug Use and Health*.

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

**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 2004, 2005, and 2006 NSDUHs*

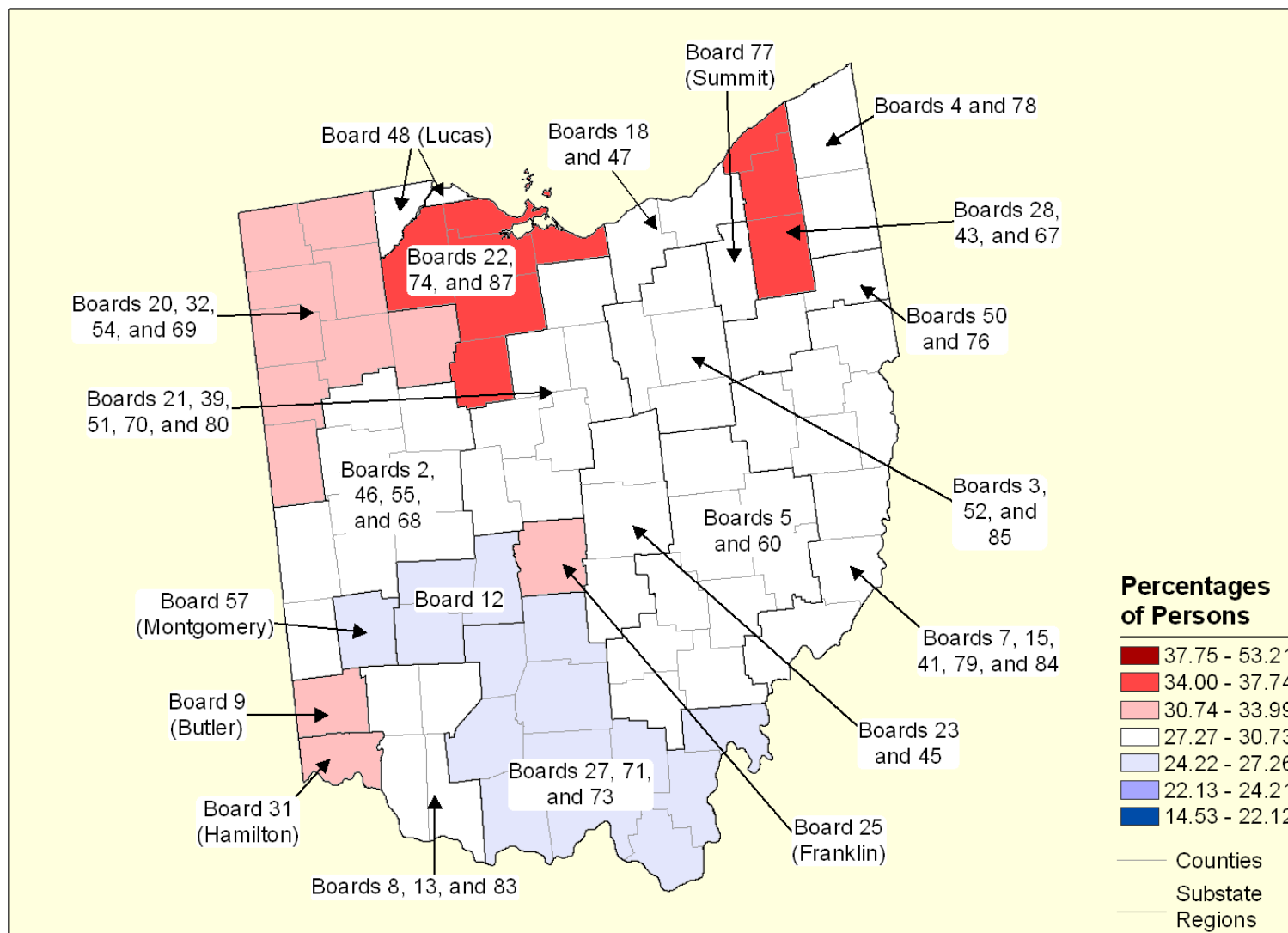


1246

NOTE: The legend's ranges were created by dividing 345 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 2004-2006 National Surveys on Drug Use and Health*.

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

**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 2004, 2005, and 2006 NSDUHs**

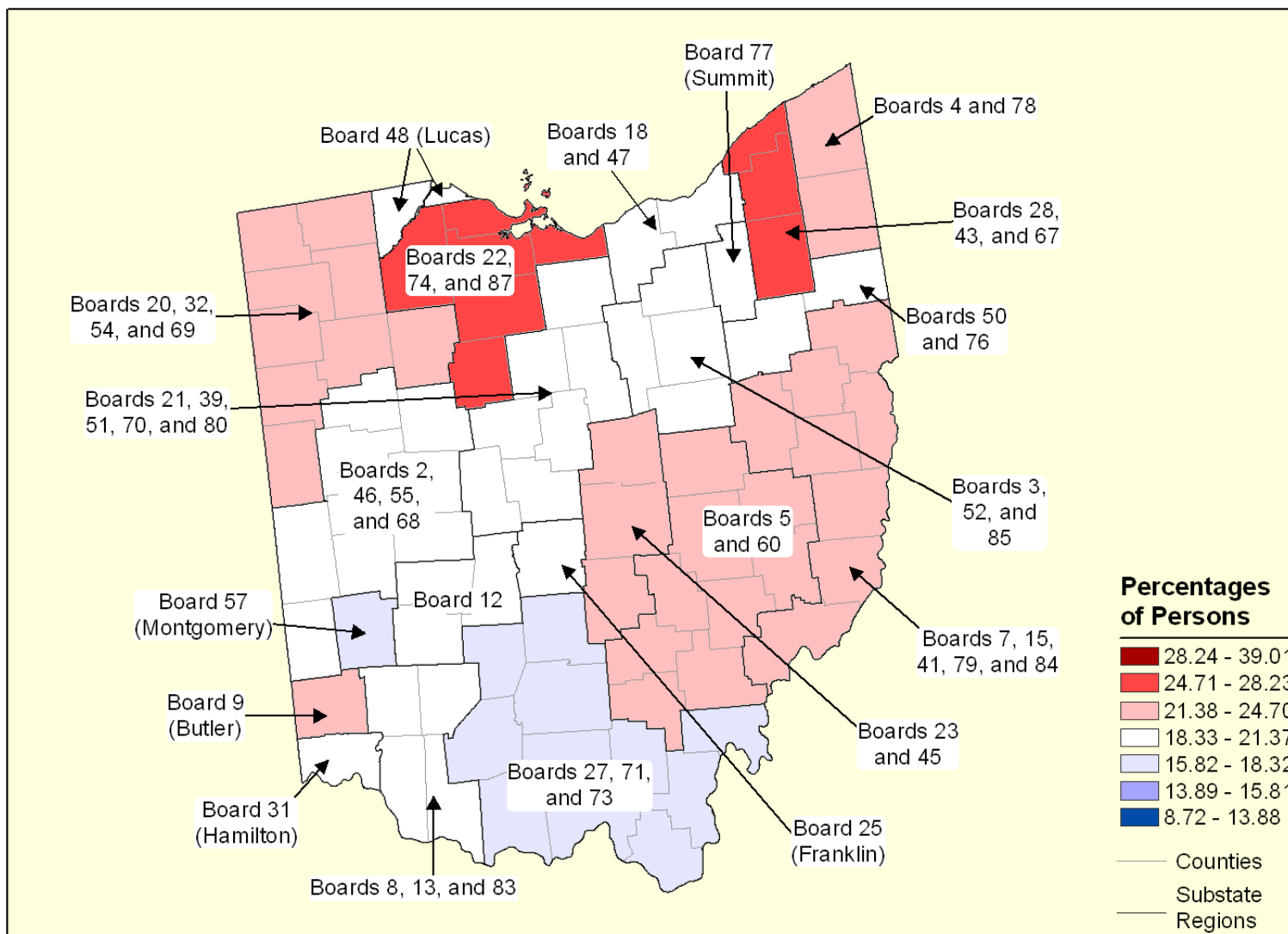


1247

NOTE: The legend's ranges were created by dividing 345 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 2004-2006 National Surveys on Drug Use and Health*.

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

**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 2004, 2005, and 2006 NSDUHs*

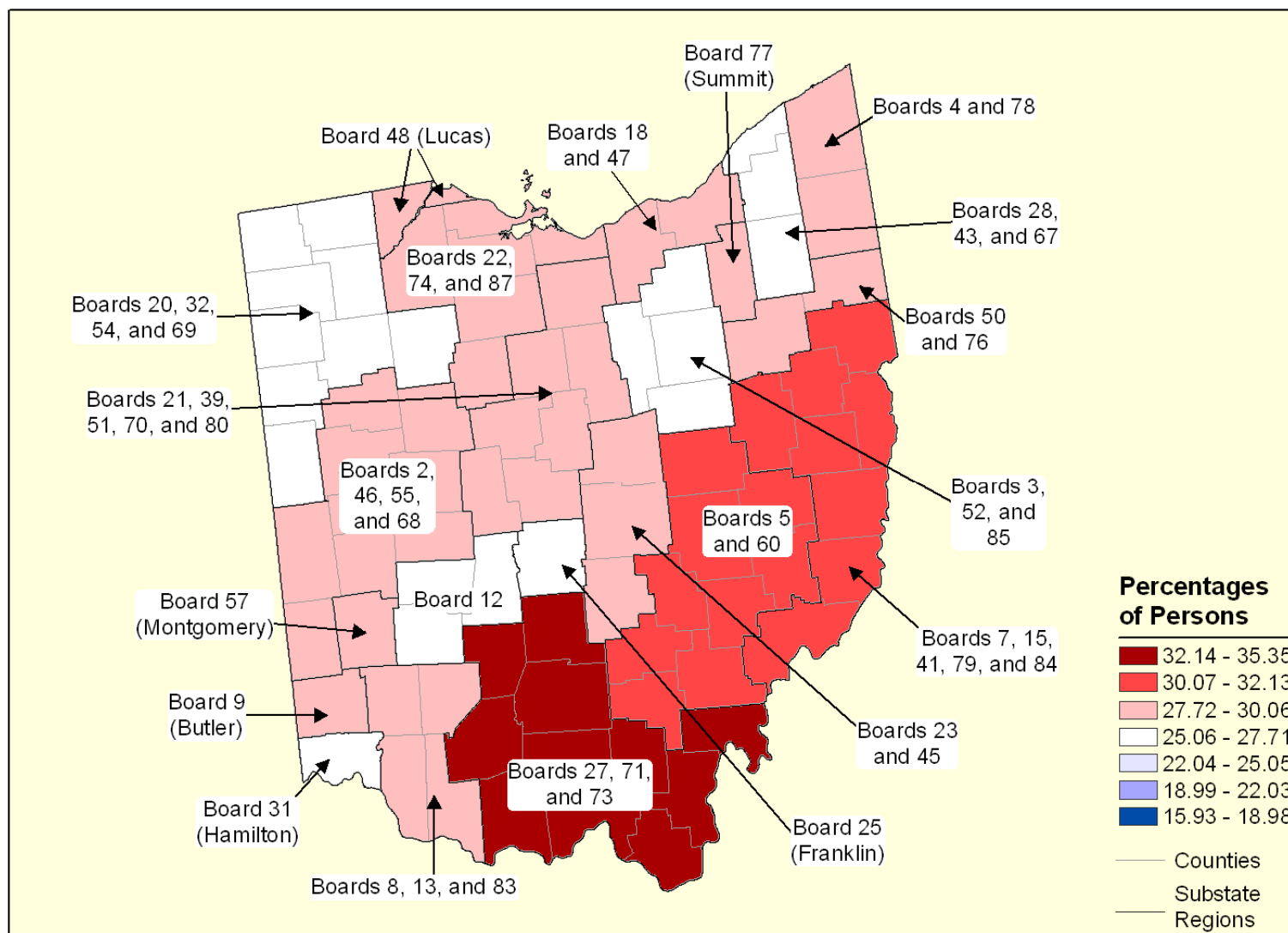


1248

NOTE: The legend's ranges were created by dividing 345 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 2004-2006 National Surveys on Drug Use and Health*.

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

**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 2004, 2005, and 2006 NSDUHs**



1249

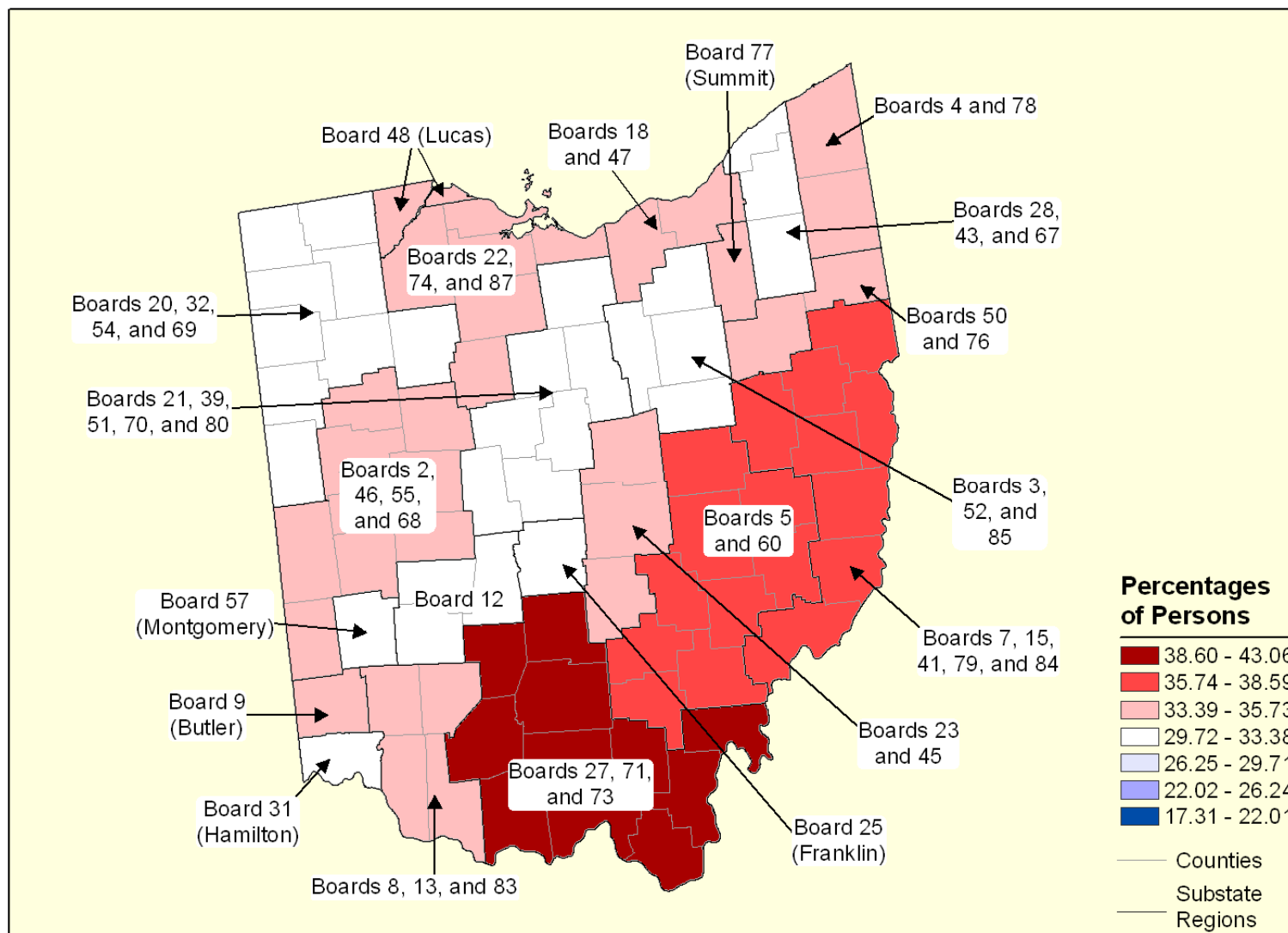
NOTE: The legend's ranges were created by dividing 345 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 National Surveys on Drug Use and Health*.

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



**Figure 36.6.2 Tobacco Product Use in Past Month among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

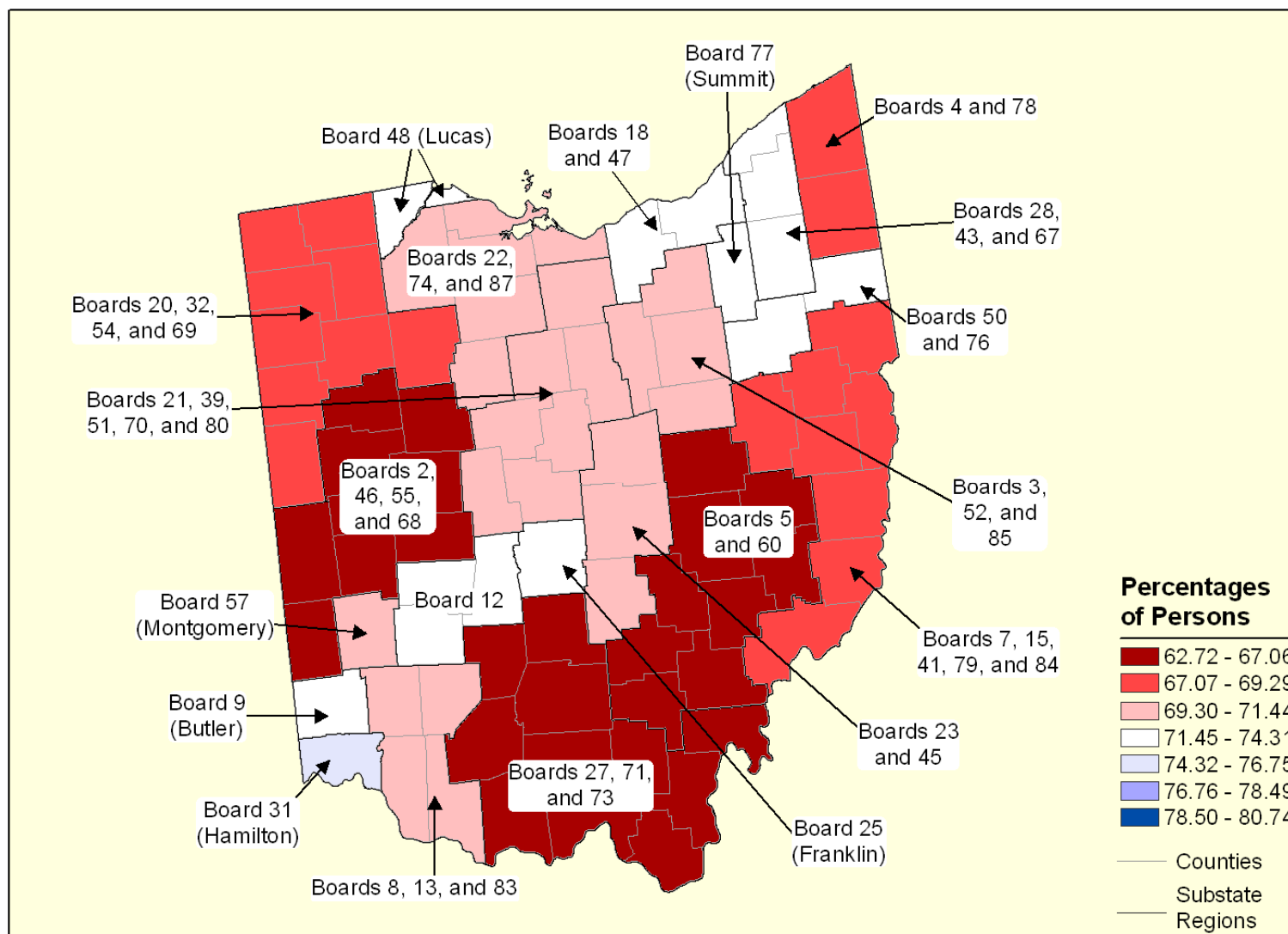
1250



NOTE: The legend's ranges were created by dividing 345 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 2004-2006 National Surveys on Drug Use and Health*.

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

**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 2004, 2005, and 2006 NSDUHs**

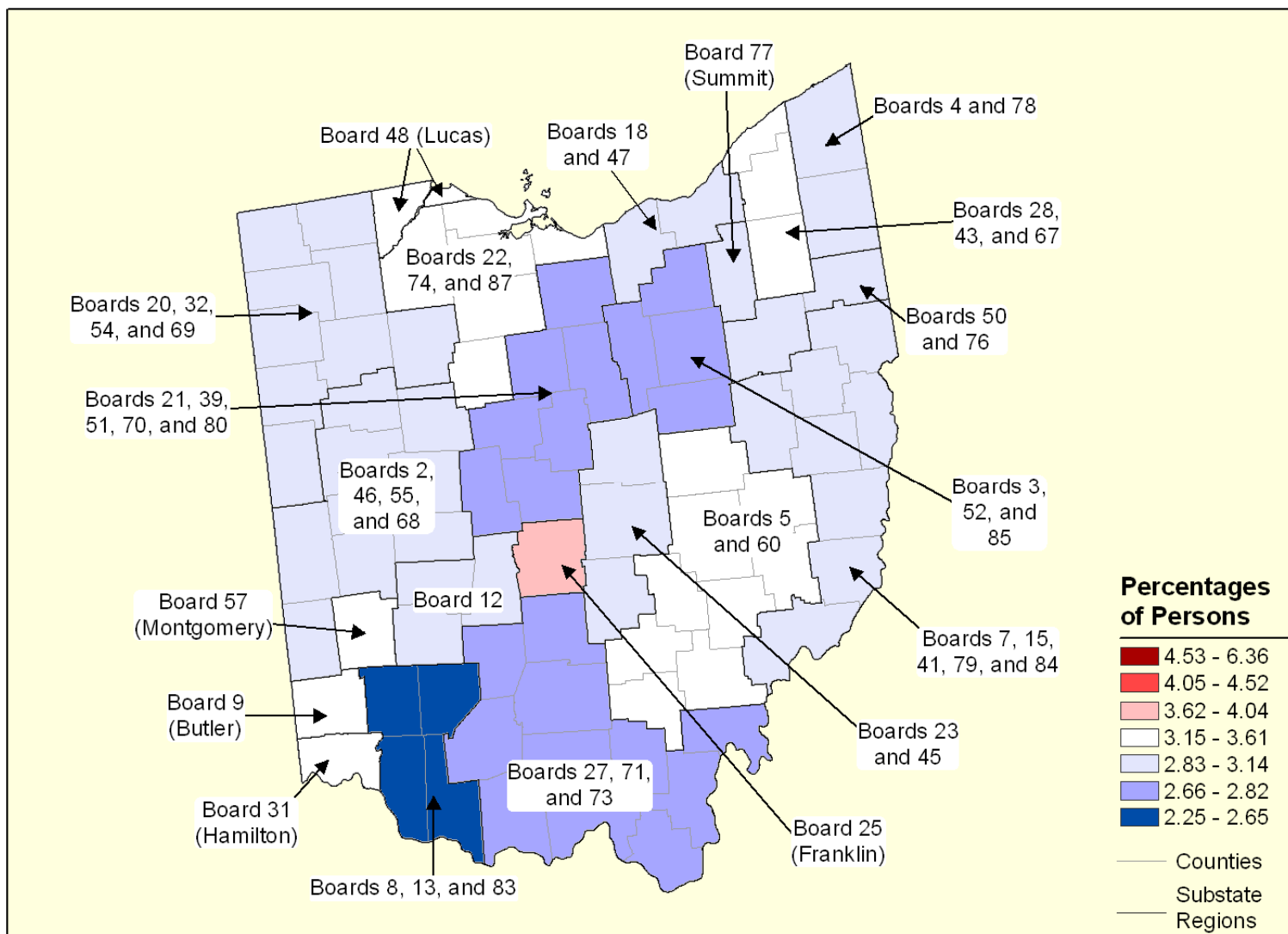


1251

NOTE: The legend's ranges were created by dividing 345 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 2004-2006 National Surveys on Drug Use and Health*.

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

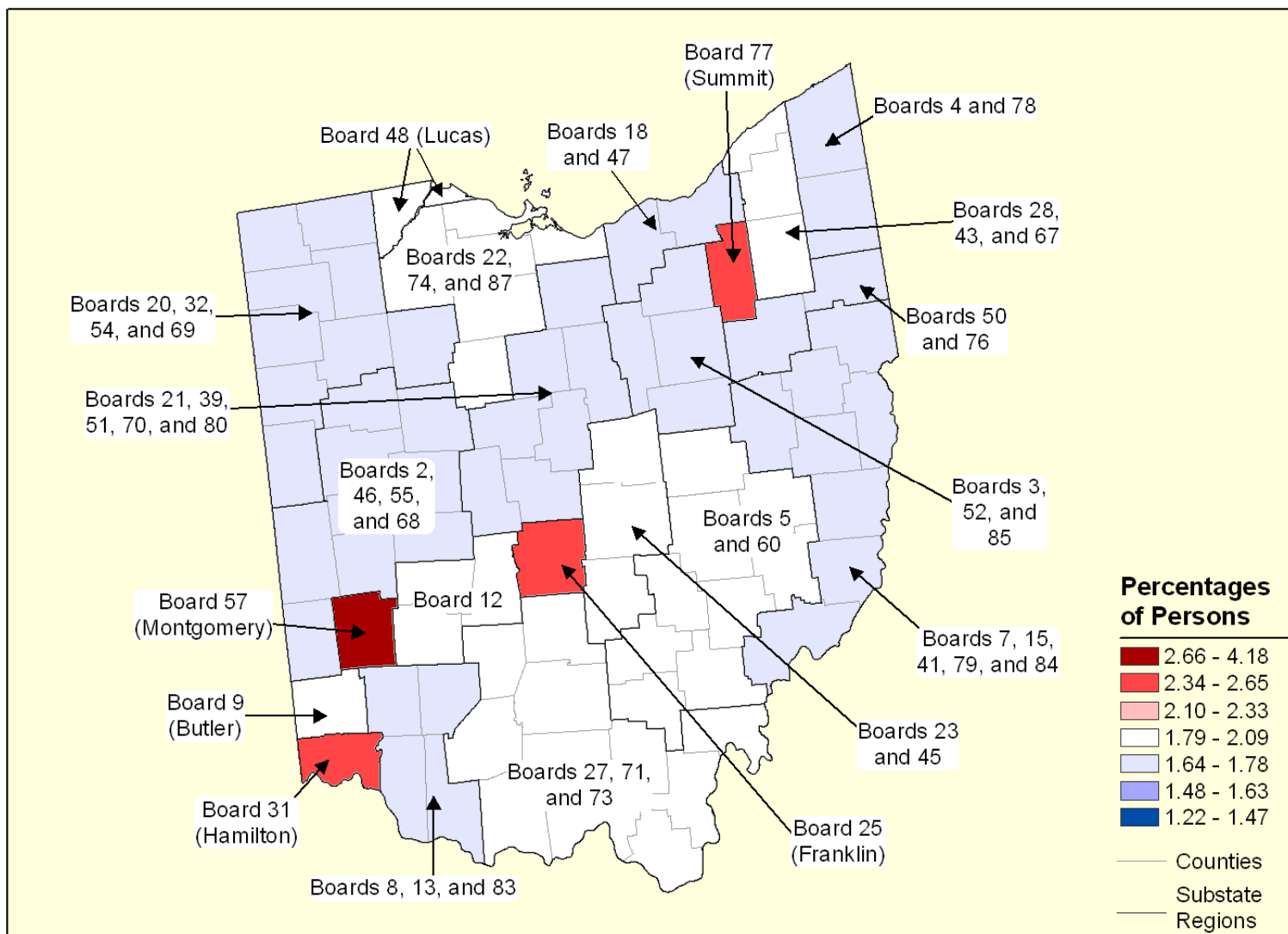
**Figure 36.7.1 Alcohol Dependence in Past Year among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**



NOTE: The legend's ranges were created by dividing 345 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 2004-2006 National Surveys on Drug Use and Health*.

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

**Figure 36.7.2 Illicit Drug Dependence in Past Year among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

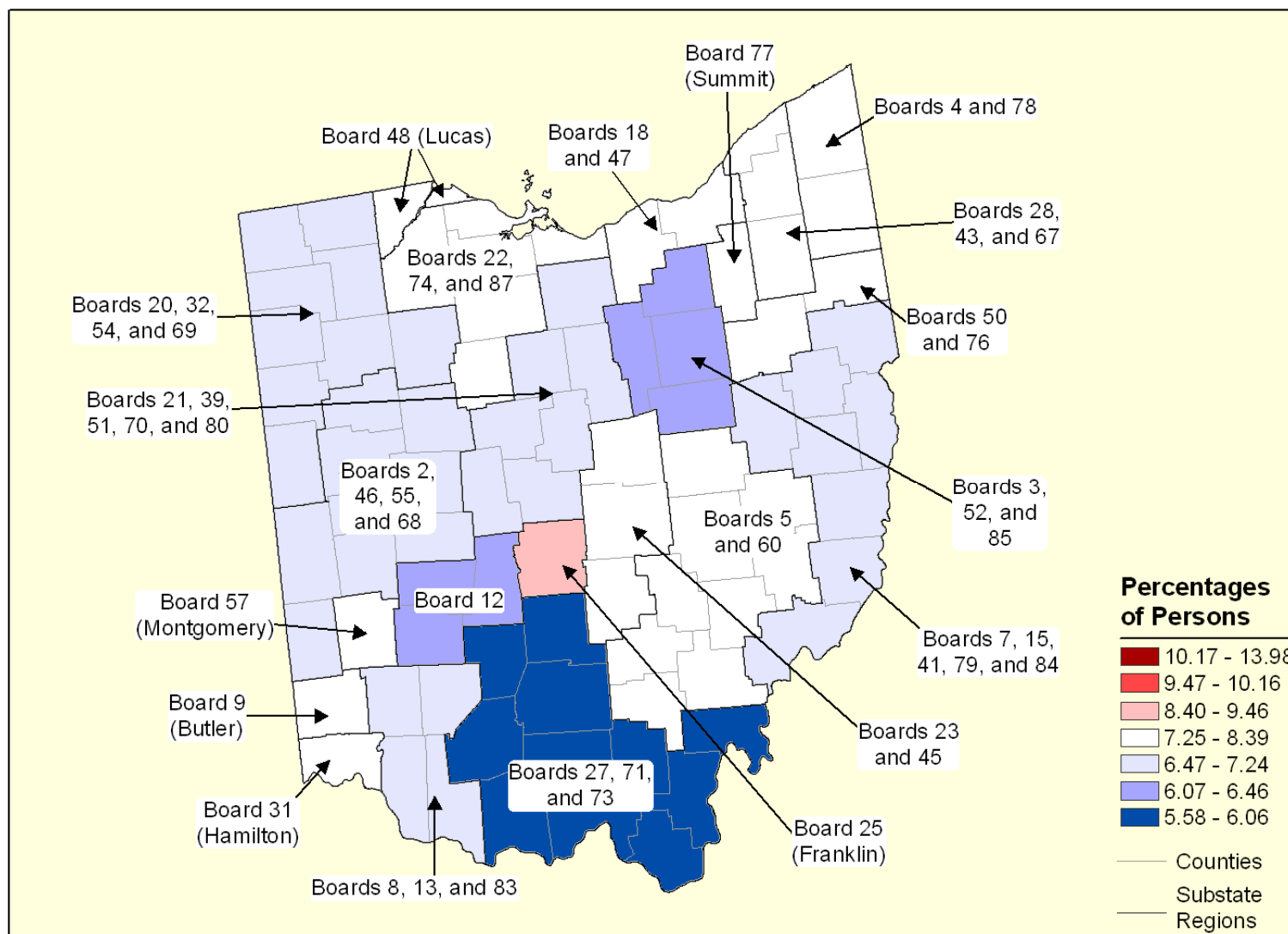


1253

NOTE: The legend's ranges were created by dividing 345 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 2004-2006 National Surveys on Drug Use and Health*.

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

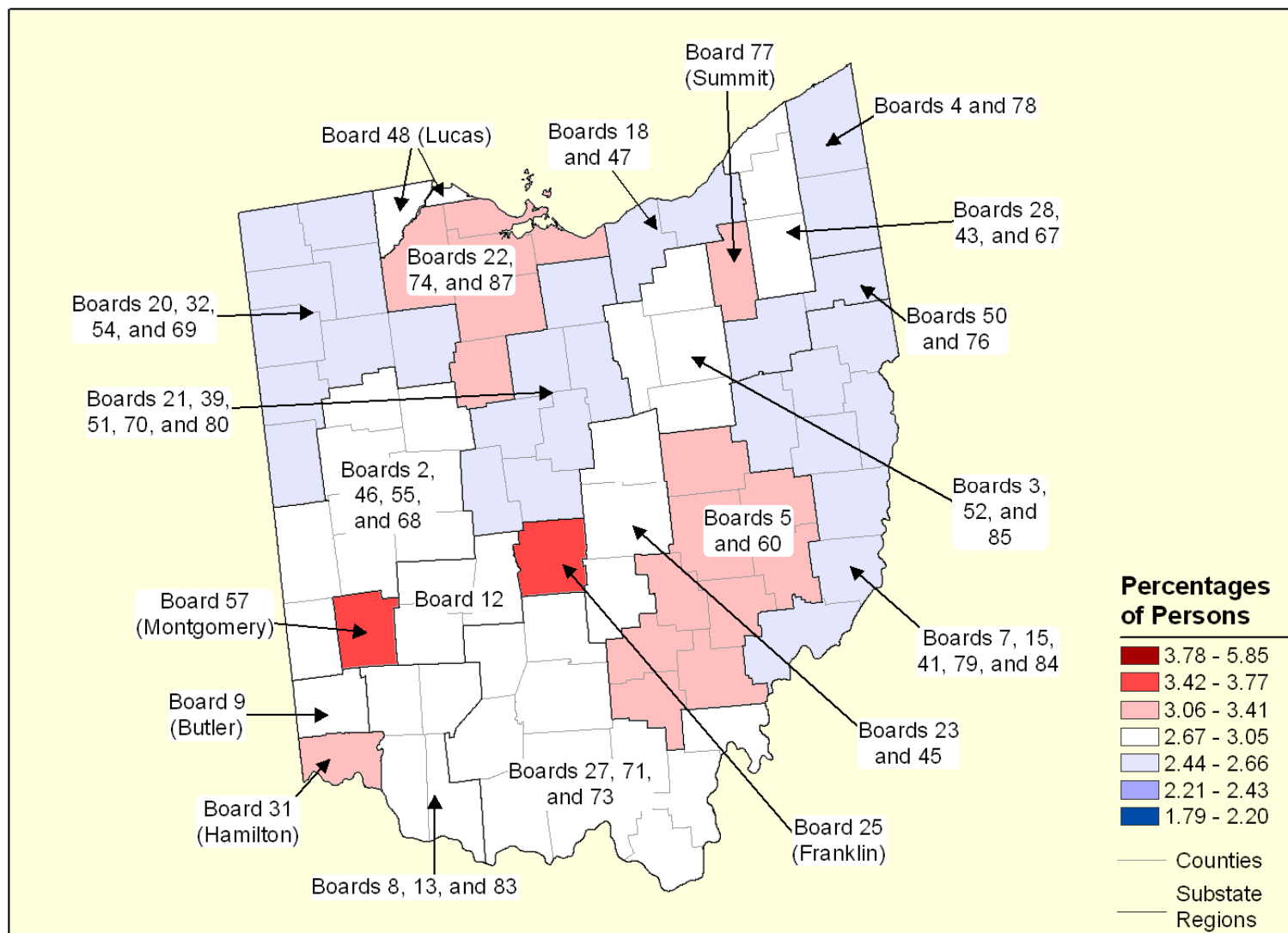
**Figure 36.8.1 Alcohol Dependence or Abuse in Past Year among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**



NOTE: The legend's ranges were created by dividing 345 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 2004-2006 National Surveys on Drug Use and Health*.

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

**Figure 36.8.2 Illicit Drug Dependence or Abuse in Past Year among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

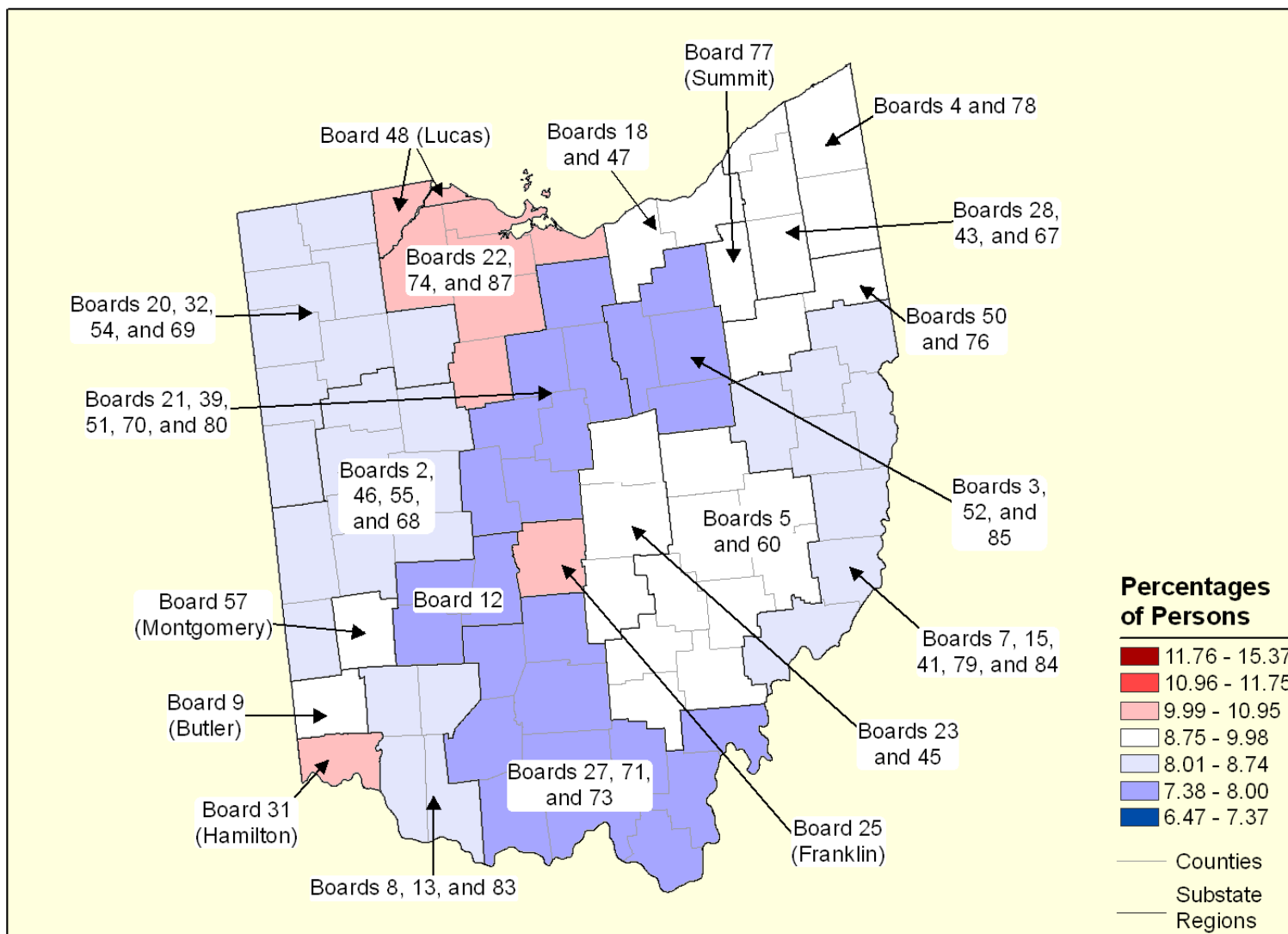


1255

NOTE: The legend's ranges were created by dividing 345 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 2004-2006 National Surveys on Drug Use and Health*.

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

**Figure 36.8.3** *Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs*

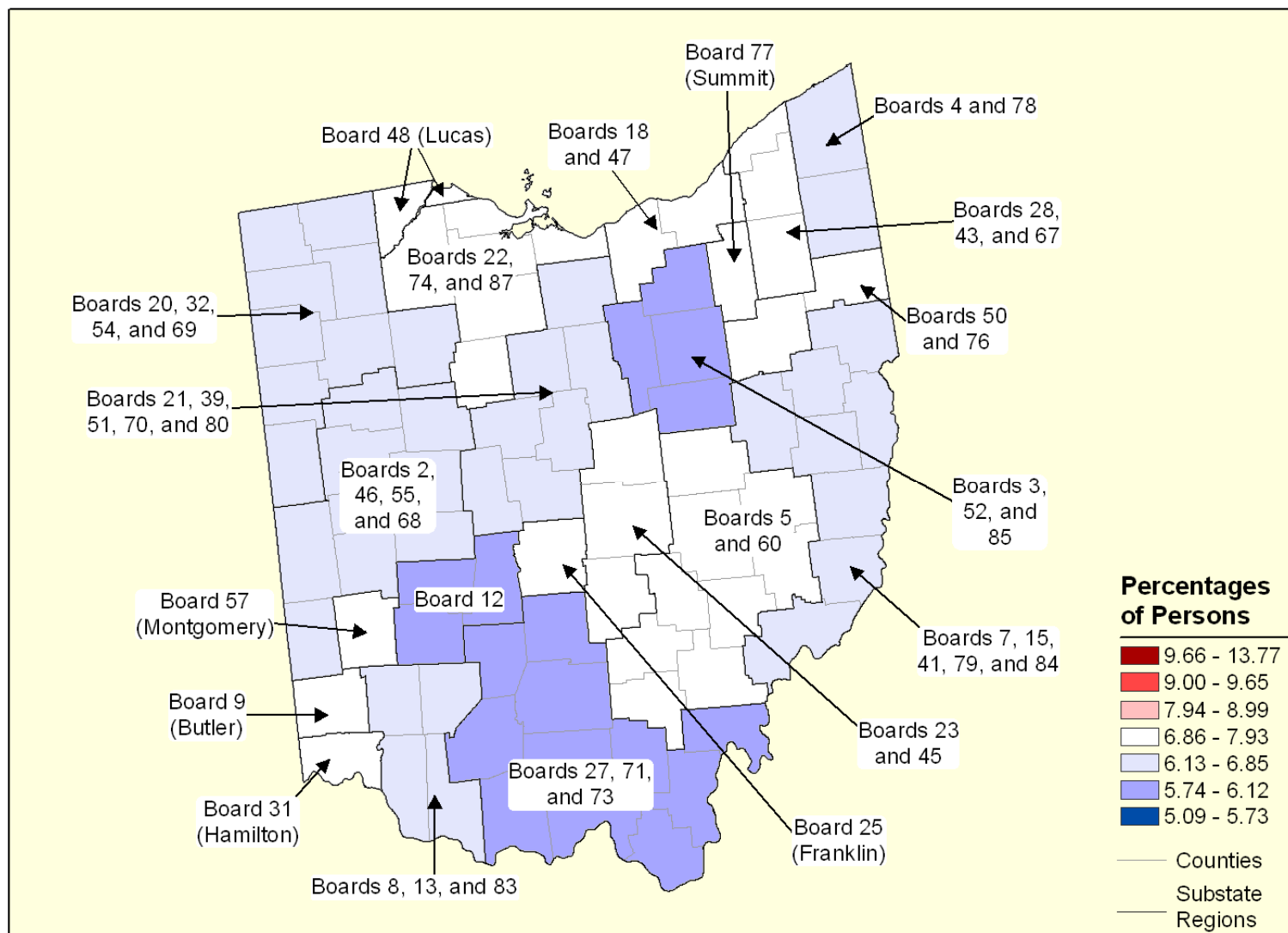


1256

NOTE: The legend's ranges were created by dividing 345 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 2004-2006 National Surveys on Drug Use and Health*.

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

**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 2004, 2005, and 2006 NSDUHs*

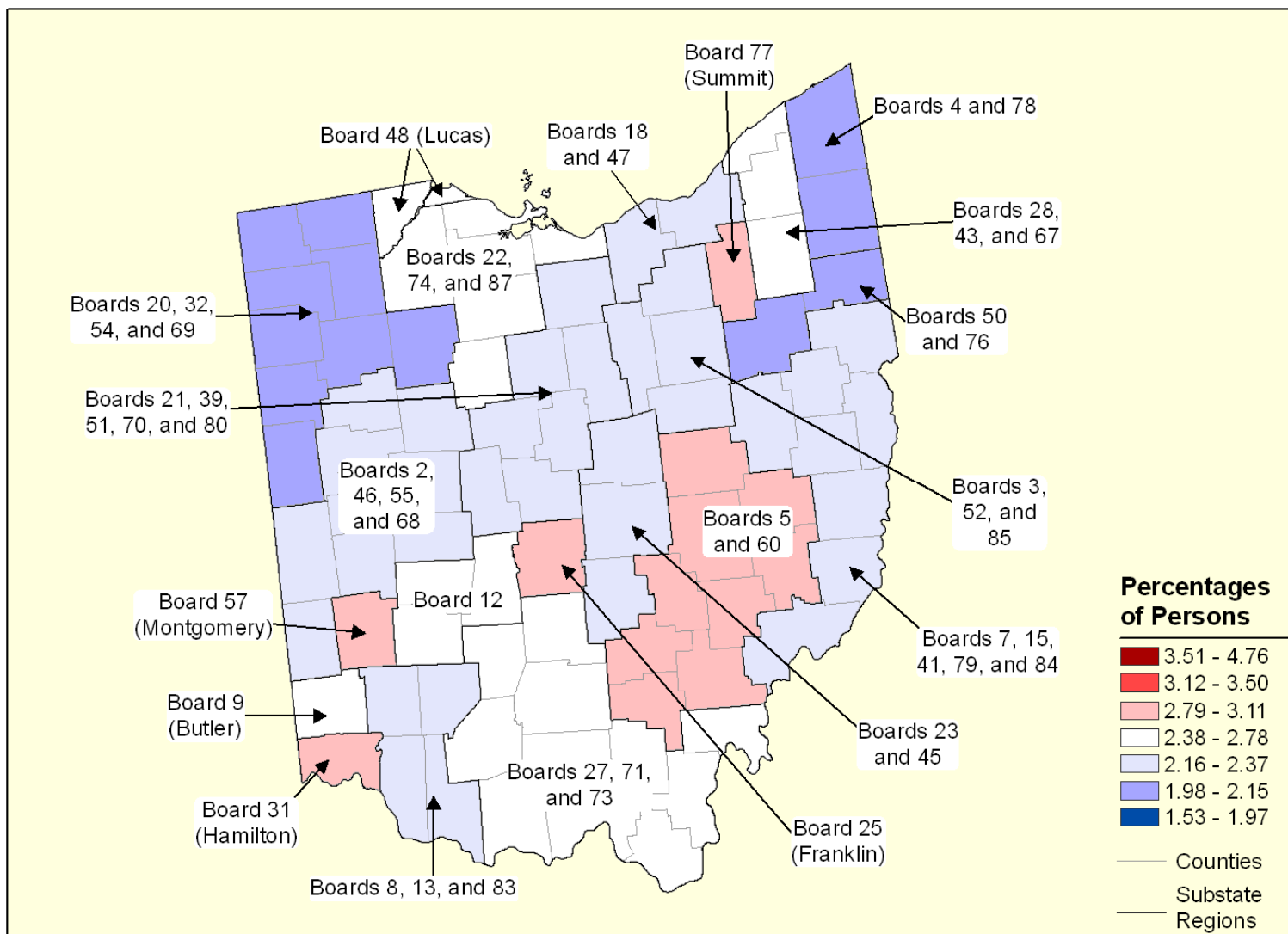


1257

NOTE: The legend's ranges were created by dividing 345 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 2004-2006 National Surveys on Drug Use and Health*. Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.



**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 2004, 2005, and 2006 NSDUHs*

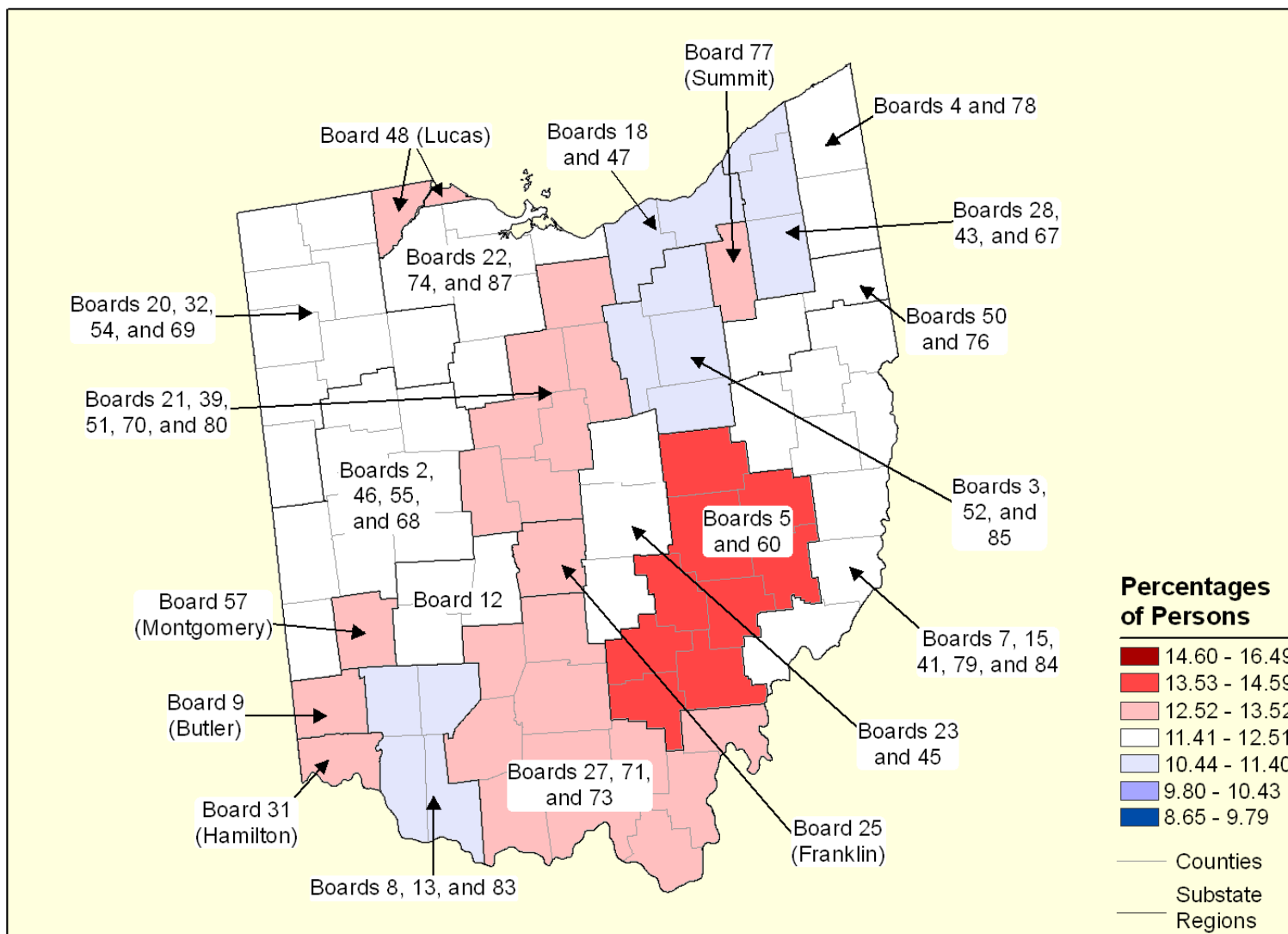


1258

NOTE: The legend's ranges were created by dividing 345 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 2004-2006 National Surveys on Drug Use and Health*.

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

**Figure 36.10.1 *Serious Psychological Distress in Past Year* among Persons Aged 18 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

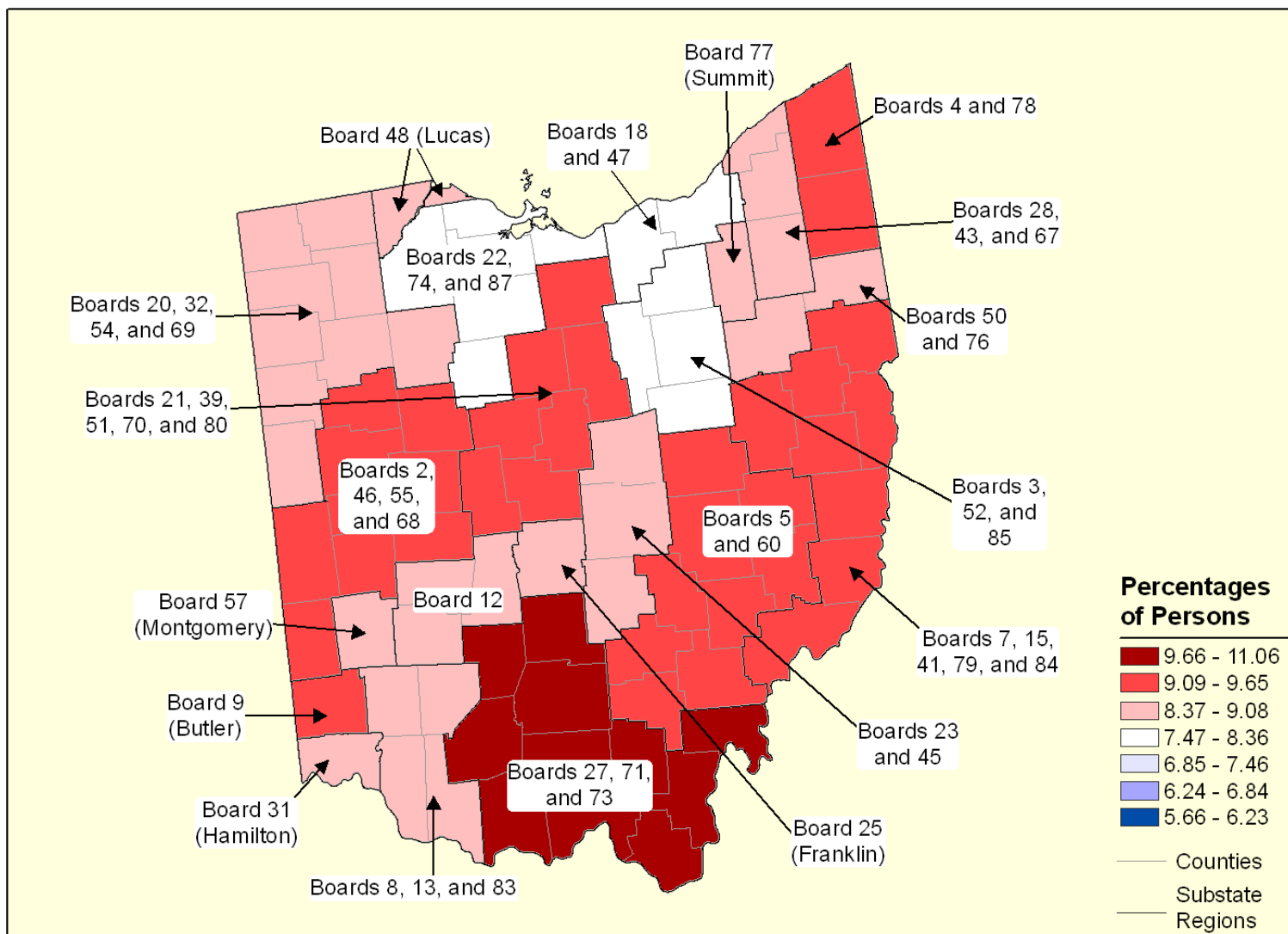


1259

NOTE: The legend's ranges were created by dividing 345 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 2004-2006 National Surveys on Drug Use and Health*.

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

**Figure 36.10.2 *Having at Least One Major Depressive Episode in Past Year among Persons Aged 18 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs***



1260

NOTE: The legend's ranges were created by dividing 345 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 2004-2006 National Surveys on Drug Use and Health*.

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