

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 2006, 2007, and 2008 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
Ohio	7.79	(7.21 - 8.41)	3.42	(3.05 - 3.84)
Boards 2, 46, 55, and 68	7.17	(5.72 - 8.96)	3.81	(2.89 - 4.99)
Boards 3, 52, and 85	5.80	(4.48 - 7.48)	3.17	(2.34 - 4.30)
Boards 4 and 78	7.03	(5.37 - 9.16)	3.23	(2.39 - 4.36)
Boards 5 and 60	8.32	(6.57 - 10.48)	3.72	(2.83 - 4.88)
Boards 7, 15, 41, 79, and 84	5.55	(4.25 - 7.21)	2.96	(2.20 - 3.98)
Boards 8, 13, and 83	7.04	(5.52 - 8.94)	3.20	(2.38 - 4.30)
Board 9 (Butler)	7.25	(5.57 - 9.38)	3.61	(2.67 - 4.88)
Board 12	8.03	(6.31 - 10.17)	3.71	(2.81 - 4.88)
Boards 18 and 47	8.18	(6.90 - 9.69)	2.93	(2.29 - 3.73)
Boards 20, 32, 54, and 69	5.92	(4.51 - 7.72)	3.45	(2.58 - 4.60)
Boards 21, 39, 51, 70, and 80	6.76	(5.35 - 8.50)	3.52	(2.69 - 4.60)
Boards 22, 74, and 87	7.78	(6.09 - 9.89)	3.87	(2.86 - 5.24)
Boards 23 and 45	6.50	(5.06 - 8.33)	3.29	(2.45 - 4.40)
Board 25 (Franklin)	10.37	(8.75 - 12.27)	3.98	(3.11 - 5.08)
Boards 27, 71, and 73	6.72	(5.26 - 8.56)	3.45	(2.62 - 4.55)
Boards 28, 43, and 67	6.73	(5.40 - 8.36)	3.36	(2.56 - 4.40)
Board 31 (Hamilton)	9.30	(7.50 - 11.47)	3.60	(2.75 - 4.70)
Board 48 (Lucas)	8.95	(7.06 - 11.28)	3.15	(2.36 - 4.21)
Boards 50 and 76	7.31	(5.82 - 9.14)	3.38	(2.57 - 4.44)
Board 57 (Montgomery)	9.09	(7.23 - 11.38)	3.83	(2.86 - 5.10)
Board 77 (Summit)	7.48	(5.90 - 9.44)	3.10	(2.33 - 4.10)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2006-2008 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. These estimates are based on data from original questions, excluding those on the use of over-the-counter drugs or new methamphetamine items that were added in 2005 and 2006. See Section B.4.8 in Appendix B of the *Results from the 2008 National Survey on Drug Use and Health: National Findings*.

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

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 2006, 2007, and 2008 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	6.03	(5.52 - 6.59)	1.80	(1.67 - 1.94)	37.46	(36.13 - 38.81)
Boards 2, 46, 55, and 68	4.96	(3.81 - 6.43)	1.42	(1.13 - 1.77)	40.66	(36.50 - 44.96)
Boards 3, 52, and 85	4.68	(3.46 - 6.30)	1.56	(1.23 - 1.99)	34.88	(30.31 - 39.75)
Boards 4 and 78	5.21	(3.85 - 7.02)	1.56	(1.23 - 1.98)	40.83	(36.07 - 45.78)
Boards 5 and 60	6.30	(4.81 - 8.22)	1.72	(1.39 - 2.13)	42.19	(37.85 - 46.66)
Boards 7, 15, 41, 79, and 84	3.99	(2.91 - 5.46)	1.10	(0.86 - 1.39)	43.93	(39.21 - 48.76)
Boards 8, 13, and 83	5.65	(4.21 - 7.56)	1.94	(1.54 - 2.45)	36.40	(31.82 - 41.23)
Board 9 (Butler)	5.27	(3.83 - 7.20)	2.00	(1.57 - 2.55)	36.32	(31.71 - 41.19)
Board 12	6.27	(4.75 - 8.23)	2.36	(1.89 - 2.95)	40.21	(35.42 - 45.20)
Boards 18 and 47	6.62	(5.49 - 7.98)	1.72	(1.47 - 2.01)	38.88	(35.78 - 42.07)
Boards 20, 32, 54, and 69	4.49	(3.26 - 6.15)	1.54	(1.21 - 1.96)	39.12	(34.16 - 44.31)
Boards 21, 39, 51, 70, and 80	5.12	(3.91 - 6.67)	1.75	(1.42 - 2.16)	37.52	(33.42 - 41.80)
Boards 22, 74, and 87	6.12	(4.59 - 8.11)	2.16	(1.68 - 2.76)	35.81	(31.03 - 40.90)
Boards 23 and 45	5.05	(3.78 - 6.71)	1.79	(1.42 - 2.26)	38.19	(33.55 - 43.05)
Board 25 (Franklin)	8.03	(6.69 - 9.63)	2.02	(1.68 - 2.43)	33.02	(29.79 - 36.42)
Boards 27, 71, and 73	4.56	(3.39 - 6.10)	1.08	(0.86 - 1.35)	43.30	(38.80 - 47.92)
Boards 28, 43, and 67	5.43	(4.22 - 6.97)	1.99	(1.62 - 2.44)	37.14	(32.88 - 41.61)
Board 31 (Hamilton)	7.60	(5.96 - 9.64)	2.54	(2.10 - 3.06)	32.52	(28.55 - 36.75)
Board 48 (Lucas)	7.27	(5.57 - 9.45)	2.40	(1.93 - 2.97)	34.27	(29.78 - 39.06)
Boards 50 and 76	5.54	(4.28 - 7.14)	1.50	(1.22 - 1.85)	38.92	(34.53 - 43.49)
Board 57 (Montgomery)	6.53	(4.98 - 8.52)	1.87	(1.49 - 2.34)	36.48	(32.15 - 41.04)
Board 77 (Summit)	6.20	(4.72 - 8.09)	1.96	(1.59 - 2.41)	34.10	(30.00 - 38.45)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2006-2008 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 marijuana initiation 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, 2006, 2007, and 2008.

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 2006, 2007, and 2008 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	10.60	(9.93 - 11.31)	2.23	(1.93 - 2.59)	5.45	(4.99 - 5.95)
Boards 2, 46, 55, and 68	8.31	(6.65 - 10.35)	2.11	(1.52 - 2.94)	5.68	(4.55 - 7.06)
Boards 3, 52, and 85	8.33	(6.56 - 10.52)	1.85	(1.30 - 2.63)	5.45	(4.23 - 7.00)
Boards 4 and 78	9.10	(7.10 - 11.59)	2.07	(1.46 - 2.94)	5.41	(4.21 - 6.92)
Boards 5 and 60	10.82	(8.79 - 13.25)	2.21	(1.60 - 3.06)	5.94	(4.70 - 7.47)
Boards 7, 15, 41, 79, and 84	7.29	(5.81 - 9.10)	1.68	(1.19 - 2.37)	5.11	(4.03 - 6.45)
Boards 8, 13, and 83	9.50	(7.55 - 11.90)	1.75	(1.24 - 2.47)	5.68	(4.46 - 7.20)
Board 9 (Butler)	9.80	(7.70 - 12.39)	1.99	(1.40 - 2.82)	5.58	(4.39 - 7.07)
Board 12	11.37	(9.23 - 13.95)	2.11	(1.53 - 2.90)	6.04	(4.83 - 7.53)
Boards 18 and 47	10.12	(8.73 - 11.69)	2.07	(1.51 - 2.82)	4.55	(3.77 - 5.49)
Boards 20, 32, 54, and 69	8.32	(6.50 - 10.59)	1.93	(1.36 - 2.72)	5.38	(4.21 - 6.86)
Boards 21, 39, 51, 70, and 80	9.78	(7.94 - 11.98)	1.96	(1.42 - 2.69)	5.40	(4.32 - 6.73)
Boards 22, 74, and 87	10.97	(8.73 - 13.71)	2.14	(1.51 - 3.02)	5.75	(4.52 - 7.29)
Boards 23 and 45	10.06	(8.09 - 12.45)	2.08	(1.50 - 2.89)	5.51	(4.35 - 6.95)
Board 25 (Franklin)	14.17	(12.30 - 16.27)	3.12	(2.35 - 4.13)	6.63	(5.49 - 7.99)
Boards 27, 71, and 73	7.45	(5.88 - 9.39)	1.85	(1.31 - 2.61)	5.83	(4.67 - 7.27)
Boards 28, 43, and 67	10.08	(8.31 - 12.17)	2.17	(1.60 - 2.96)	5.86	(4.71 - 7.26)
Board 31 (Hamilton)	14.35	(12.08 - 16.96)	2.90	(2.03 - 4.12)	4.91	(3.92 - 6.14)
Board 48 (Lucas)	14.41	(11.87 - 17.37)	2.40	(1.69 - 3.39)	5.02	(3.97 - 6.32)
Boards 50 and 76	9.50	(7.74 - 11.60)	2.37	(1.72 - 3.26)	5.29	(4.23 - 6.60)
Board 57 (Montgomery)	11.61	(9.40 - 14.25)	2.44	(1.73 - 3.44)	6.14	(4.82 - 7.81)
Board 77 (Summit)	10.58	(8.61 - 12.95)	2.15	(1.55 - 2.98)	4.72	(3.70 - 6.01)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2006-2008 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, 2006, 2007, and 2008.

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 2006, 2007, and 2008 NSDUHs

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month ¹		Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Ohio	51.49	(50.12 - 52.85)	25.84	(24.72 - 26.98)	38.64	(37.27 - 40.03)
Boards 2, 46, 55, and 68	46.03	(41.52 - 50.60)	25.17	(22.25 - 28.33)	38.13	(34.49 - 41.90)
Boards 3, 52, and 85	55.53	(49.97 - 60.96)	26.59	(22.97 - 30.55)	36.24	(32.33 - 40.35)
Boards 4 and 78	46.63	(41.29 - 52.04)	24.85	(21.54 - 28.48)	37.28	(33.32 - 41.43)
Boards 5 and 60	42.02	(37.31 - 46.88)	24.22	(21.20 - 27.53)	37.19	(33.64 - 40.88)
Boards 7, 15, 41, 79, and 84	41.89	(36.88 - 47.07)	23.03	(19.84 - 26.55)	36.02	(32.47 - 39.73)
Boards 8, 13, and 83	51.22	(45.87 - 56.53)	25.88	(22.47 - 29.61)	35.35	(31.46 - 39.45)
Board 9 (Butler)	51.13	(45.81 - 56.41)	27.13	(23.44 - 31.16)	37.54	(33.50 - 41.76)
Board 12	54.18	(48.92 - 59.35)	26.44	(22.99 - 30.21)	37.80	(33.91 - 41.84)
Boards 18 and 47	53.10	(49.90 - 56.26)	26.01	(23.53 - 28.66)	42.06	(39.07 - 45.10)
Boards 20, 32, 54, and 69	53.52	(48.27 - 58.71)	26.44	(22.78 - 30.45)	36.40	(32.91 - 40.03)
Boards 21, 39, 51, 70, and 80	50.28	(45.61 - 54.94)	26.08	(22.98 - 29.44)	36.60	(33.21 - 40.12)
Boards 22, 74, and 87	57.01	(51.24 - 62.60)	30.57	(26.75 - 34.66)	35.75	(31.99 - 39.70)
Boards 23 and 45	51.65	(46.59 - 56.67)	25.36	(21.88 - 29.18)	36.93	(33.31 - 40.70)
Board 25 (Franklin)	57.36	(53.57 - 61.05)	27.74	(25.08 - 30.57)	40.18	(36.95 - 43.49)
Boards 27, 71, and 73	36.18	(31.60 - 41.02)	21.45	(18.51 - 24.72)	38.50	(34.89 - 42.23)
Boards 28, 43, and 67	57.27	(52.54 - 61.87)	26.93	(23.89 - 30.21)	37.60	(33.91 - 41.44)
Board 31 (Hamilton)	54.90	(50.54 - 59.19)	25.79	(22.67 - 29.17)	40.09	(36.54 - 43.74)
Board 48 (Lucas)	53.38	(48.51 - 58.18)	24.59	(21.46 - 28.01)	41.11	(37.22 - 45.12)
Boards 50 and 76	47.08	(42.10 - 52.12)	25.43	(22.45 - 28.66)	37.10	(33.60 - 40.74)
Board 57 (Montgomery)	51.92	(47.11 - 56.69)	25.08	(21.89 - 28.57)	40.19	(36.52 - 43.97)
Board 77 (Summit)	55.73	(50.85 - 60.50)	25.93	(22.79 - 29.34)	39.57	(35.91 - 43.35)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2006-2008 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, 2006, 2007, and 2008.

Table 36.5 Alcohol Use in Past Month and Binge Alcohol Use in Past Month in Ohio among Persons Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20		Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Ohio	29.98	(28.78 - 31.21)	21.12	(20.04 - 22.25)
Boards 2, 46, 55, and 68	28.71	(25.10 - 32.60)	22.10	(18.79 - 25.81)
Boards 3, 52, and 85	30.07	(26.09 - 34.38)	20.76	(17.13 - 24.93)
Boards 4 and 78	27.34	(23.46 - 31.59)	19.73	(16.14 - 23.89)
Boards 5 and 60	31.20	(27.23 - 35.47)	22.85	(19.06 - 27.15)
Boards 7, 15, 41, 79, and 84	27.50	(23.62 - 31.75)	18.44	(15.07 - 22.38)
Boards 8, 13, and 83	27.39	(23.43 - 31.73)	19.57	(16.11 - 23.56)
Board 9 (Butler)	31.84	(27.71 - 36.27)	23.64	(19.42 - 28.46)
Board 12	34.17	(29.85 - 38.76)	24.38	(20.64 - 28.55)
Boards 18 and 47	28.57	(25.93 - 31.37)	19.74	(17.32 - 22.41)
Boards 20, 32, 54, and 69	31.00	(26.69 - 35.67)	22.21	(18.26 - 26.75)
Boards 21, 39, 51, 70, and 80	27.81	(24.29 - 31.64)	19.76	(16.62 - 23.32)
Boards 22, 74, and 87	36.93	(32.26 - 41.86)	29.28	(24.63 - 34.42)
Boards 23 and 45	31.42	(27.20 - 35.97)	22.59	(18.68 - 27.03)
Board 25 (Franklin)	31.47	(28.54 - 34.57)	21.64	(18.86 - 24.70)
Boards 27, 71, and 73	22.86	(19.37 - 26.75)	17.41	(14.14 - 21.25)
Boards 28, 43, and 67	34.09	(30.29 - 38.10)	24.66	(21.28 - 28.38)
Board 31 (Hamilton)	31.12	(27.57 - 34.92)	20.64	(17.61 - 24.04)
Board 48 (Lucas)	30.70	(26.68 - 35.04)	18.90	(15.53 - 22.79)
Boards 50 and 76	28.85	(25.37 - 32.59)	20.73	(17.60 - 24.25)
Board 57 (Montgomery)	30.73	(26.78 - 34.98)	20.19	(16.87 - 23.98)
Board 77 (Summit)	28.41	(24.76 - 32.36)	19.78	(16.40 - 23.66)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2006-2008 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, 2006, 2007, and 2008.

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 2006, 2007, and 2008 NSDUHs

State/Substate Region	Cigarette Use in Past Month		Tobacco Product Use in Past Month ¹		Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Ohio	28.70	(27.43 - 30.00)	34.13	(32.85 - 35.43)	69.64	(68.39 - 70.87)
Boards 2, 46, 55, and 68	29.83	(26.46 - 33.44)	35.92	(32.43 - 39.56)	65.87	(62.48 - 69.10)
Boards 3, 52, and 85	27.65	(23.71 - 31.98)	34.10	(30.16 - 38.28)	68.17	(64.70 - 71.46)
Boards 4 and 78	30.09	(26.40 - 34.06)	35.59	(31.52 - 39.89)	67.07	(63.39 - 70.56)
Boards 5 and 60	31.31	(27.61 - 35.26)	38.14	(34.27 - 42.17)	65.36	(61.91 - 68.65)
Boards 7, 15, 41, 79, and 84	30.33	(26.62 - 34.32)	36.58	(32.68 - 40.67)	64.46	(60.61 - 68.13)
Boards 8, 13, and 83	27.89	(24.32 - 31.78)	34.53	(30.62 - 38.65)	68.06	(64.40 - 71.52)
Board 9 (Butler)	28.59	(24.81 - 32.70)	33.13	(29.19 - 37.32)	70.77	(67.30 - 74.01)
Board 12	29.73	(26.00 - 33.76)	36.38	(32.39 - 40.56)	70.30	(66.83 - 73.55)
Boards 18 and 47	26.97	(24.31 - 29.82)	32.07	(29.42 - 34.84)	72.60	(70.02 - 75.03)
Boards 20, 32, 54, and 69	29.11	(25.33 - 33.20)	34.36	(30.49 - 38.45)	65.93	(62.08 - 69.59)
Boards 21, 39, 51, 70, and 80	27.47	(24.26 - 30.94)	33.24	(29.71 - 36.97)	67.83	(64.50 - 70.98)
Boards 22, 74, and 87	30.75	(26.66 - 35.17)	36.63	(32.46 - 41.02)	67.11	(63.30 - 70.70)
Boards 23 and 45	28.14	(24.66 - 31.92)	34.11	(30.30 - 38.13)	68.58	(65.07 - 71.88)
Board 25 (Franklin)	28.42	(25.71 - 31.29)	33.12	(30.12 - 36.26)	74.03	(71.32 - 76.57)
Boards 27, 71, and 73	32.89	(29.45 - 36.52)	39.75	(36.08 - 43.54)	64.03	(60.34 - 67.56)
Boards 28, 43, and 67	27.33	(24.22 - 30.67)	32.55	(29.20 - 36.09)	71.14	(67.98 - 74.10)
Board 31 (Hamilton)	28.24	(24.98 - 31.75)	33.12	(29.68 - 36.74)	72.47	(69.25 - 75.47)
Board 48 (Lucas)	29.22	(25.70 - 33.01)	34.54	(30.83 - 38.45)	70.75	(67.39 - 73.89)
Boards 50 and 76	29.50	(25.98 - 33.29)	34.60	(30.95 - 38.45)	67.67	(64.17 - 70.98)
Board 57 (Montgomery)	27.35	(23.99 - 31.00)	31.33	(27.76 - 35.15)	71.44	(67.98 - 74.67)
Board 77 (Summit)	28.27	(25.07 - 31.70)	32.71	(29.31 - 36.30)	71.48	(68.12 - 74.63)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2006-2008 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 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, 2006, 2007, and 2008.

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 2006, 2007, and 2008 NSDUHs

State/Substate Region	Alcohol Dependence in Past Year		Illicit Drug Dependence in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Ohio	3.37	(3.00 - 3.78)	2.11	(1.85 - 2.41)
Boards 2, 46, 55, and 68	3.08	(2.37 - 3.99)	1.94	(1.34 - 2.81)
Boards 3, 52, and 85	2.97	(2.22 - 3.97)	1.64	(1.07 - 2.50)
Boards 4 and 78	3.32	(2.48 - 4.45)	1.76	(1.16 - 2.65)
Boards 5 and 60	3.64	(2.78 - 4.75)	2.12	(1.44 - 3.10)
Boards 7, 15, 41, 79, and 84	3.40	(2.57 - 4.49)	1.75	(1.21 - 2.53)
Boards 8, 13, and 83	2.90	(2.15 - 3.89)	1.54	(1.01 - 2.33)
Board 9 (Butler)	3.43	(2.56 - 4.57)	1.91	(1.25 - 2.91)
Board 12	3.64	(2.76 - 4.78)	2.08	(1.41 - 3.05)
Boards 18 and 47	3.07	(2.38 - 3.94)	1.75	(1.28 - 2.40)
Boards 20, 32, 54, and 69	3.06	(2.30 - 4.07)	1.64	(1.06 - 2.53)
Boards 21, 39, 51, 70, and 80	2.90	(2.18 - 3.84)	2.08	(1.45 - 2.96)
Boards 22, 74, and 87	3.44	(2.57 - 4.58)	2.35	(1.57 - 3.50)
Boards 23 and 45	3.30	(2.48 - 4.37)	2.24	(1.54 - 3.26)
Board 25 (Franklin)	4.01	(3.14 - 5.11)	3.02	(2.23 - 4.07)
Boards 27, 71, and 73	3.01	(2.26 - 4.00)	1.62	(1.07 - 2.47)
Boards 28, 43, and 67	3.47	(2.65 - 4.54)	1.87	(1.32 - 2.65)
Board 31 (Hamilton)	3.61	(2.75 - 4.74)	2.70	(1.87 - 3.88)
Board 48 (Lucas)	3.62	(2.73 - 4.79)	2.51	(1.73 - 3.63)
Boards 50 and 76	3.17	(2.38 - 4.21)	1.75	(1.22 - 2.52)
Board 57 (Montgomery)	3.81	(2.88 - 5.02)	3.08	(2.10 - 4.49)
Board 77 (Summit)	3.64	(2.78 - 4.76)	2.05	(1.40 - 2.99)

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

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

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 2006, 2007, and 2008 NSDUHs

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Illicit Drug Dependence or Abuse in Past Year ¹		Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Ohio	7.91	(7.32 - 8.54)	3.11	(2.77 - 3.47)	9.68	(9.03 - 10.38)
Boards 2, 46, 55, and 68	8.22	(6.70 - 10.05)	2.76	(1.99 - 3.80)	9.62	(7.89 - 11.69)
Boards 3, 52, and 85	7.07	(5.58 - 8.91)	2.41	(1.67 - 3.47)	8.06	(6.43 - 10.05)
Boards 4 and 78	7.77	(6.16 - 9.76)	2.80	(1.92 - 4.07)	9.39	(7.38 - 11.88)
Boards 5 and 60	8.14	(6.62 - 9.98)	3.15	(2.25 - 4.38)	9.43	(7.63 - 11.60)
Boards 7, 15, 41, 79, and 84	8.07	(6.48 - 10.00)	2.55	(1.81 - 3.59)	9.49	(7.68 - 11.68)
Boards 8, 13, and 83	7.83	(6.24 - 9.77)	2.29	(1.57 - 3.32)	8.84	(7.09 - 10.98)
Board 9 (Butler)	7.83	(6.22 - 9.81)	2.77	(1.90 - 4.03)	8.77	(6.95 - 11.00)
Board 12	7.99	(6.42 - 9.91)	3.29	(2.31 - 4.65)	9.79	(7.87 - 12.11)
Boards 18 and 47	7.32	(6.13 - 8.72)	2.76	(2.15 - 3.55)	9.05	(7.66 - 10.66)
Boards 20, 32, 54, and 69	7.99	(6.41 - 9.92)	2.68	(1.86 - 3.84)	9.39	(7.50 - 11.68)
Boards 21, 39, 51, 70, and 80	7.35	(5.90 - 9.12)	3.34	(2.44 - 4.57)	9.07	(7.38 - 11.10)
Boards 22, 74, and 87	8.62	(6.98 - 10.60)	3.28	(2.28 - 4.70)	10.20	(8.07 - 12.80)
Boards 23 and 45	7.55	(6.02 - 9.43)	3.24	(2.33 - 4.50)	9.36	(7.50 - 11.62)
Board 25 (Franklin)	9.54	(8.10 - 11.20)	4.14	(3.16 - 5.39)	11.89	(10.16 - 13.87)
Boards 27, 71, and 73	6.41	(5.04 - 8.11)	2.53	(1.80 - 3.54)	7.36	(5.83 - 9.25)
Boards 28, 43, and 67	8.57	(7.06 - 10.35)	2.72	(1.98 - 3.74)	10.01	(8.25 - 12.09)
Board 31 (Hamilton)	7.71	(6.28 - 9.44)	3.93	(2.92 - 5.26)	10.47	(8.56 - 12.73)
Board 48 (Lucas)	8.58	(6.94 - 10.56)	3.80	(2.75 - 5.25)	11.36	(9.27 - 13.85)
Boards 50 and 76	7.42	(5.97 - 9.19)	2.61	(1.87 - 3.63)	8.91	(7.21 - 10.97)
Board 57 (Montgomery)	8.10	(6.51 - 10.05)	4.05	(2.89 - 5.64)	10.94	(8.93 - 13.34)
Board 77 (Summit)	7.75	(6.24 - 9.59)	2.90	(2.05 - 4.08)	9.75	(7.97 - 11.87)

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

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

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 2006, 2007, and 2008 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	7.39	(6.80 - 8.03)	2.73	(2.43 - 3.07)
Boards 2, 46, 55, and 68	7.73	(6.28 - 9.47)	2.37	(1.71 - 3.29)
Boards 3, 52, and 85	6.68	(5.29 - 8.39)	2.07	(1.43 - 2.98)
Boards 4 and 78	7.09	(5.57 - 8.98)	2.39	(1.63 - 3.51)
Boards 5 and 60	7.58	(6.08 - 9.42)	2.84	(2.01 - 4.00)
Boards 7, 15, 41, 79, and 84	7.58	(6.14 - 9.33)	2.35	(1.66 - 3.31)
Boards 8, 13, and 83	7.40	(5.88 - 9.26)	2.03	(1.37 - 3.00)
Board 9 (Butler)	7.11	(5.69 - 8.85)	2.48	(1.66 - 3.68)
Board 12	7.34	(5.89 - 9.11)	2.99	(2.10 - 4.24)
Boards 18 and 47	6.94	(5.83 - 8.24)	2.49	(1.93 - 3.20)
Boards 20, 32, 54, and 69	7.41	(5.89 - 9.27)	2.27	(1.58 - 3.23)
Boards 21, 39, 51, 70, and 80	6.85	(5.52 - 8.47)	2.89	(2.09 - 4.00)
Boards 22, 74, and 87	7.97	(6.33 - 9.99)	2.91	(2.03 - 4.15)
Boards 23 and 45	7.07	(5.65 - 8.82)	2.72	(1.93 - 3.82)
Board 25 (Franklin)	8.82	(7.41 - 10.46)	3.49	(2.67 - 4.55)
Boards 27, 71, and 73	6.00	(4.74 - 7.57)	2.20	(1.52 - 3.16)
Boards 28, 43, and 67	8.14	(6.74 - 9.81)	2.45	(1.79 - 3.34)
Board 31 (Hamilton)	7.14	(5.78 - 8.79)	3.59	(2.66 - 4.84)
Board 48 (Lucas)	8.15	(6.62 - 9.99)	3.41	(2.40 - 4.82)
Boards 50 and 76	6.99	(5.62 - 8.66)	2.19	(1.56 - 3.07)
Board 57 (Montgomery)	7.59	(6.12 - 9.38)	3.61	(2.57 - 5.04)
Board 77 (Summit)	7.21	(5.89 - 8.80)	2.52	(1.80 - 3.53)

NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2006-2008 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.

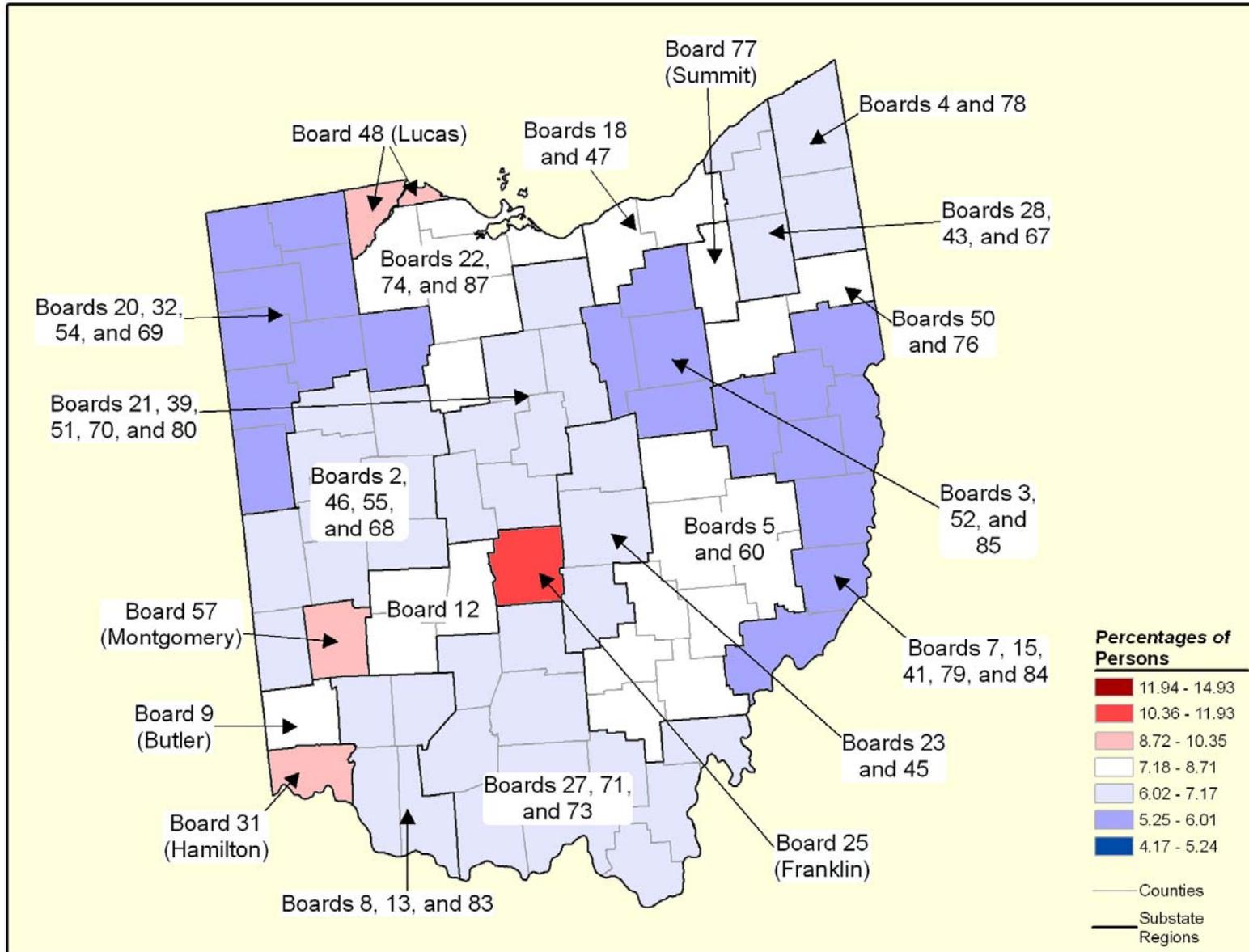
¹ Needing But Not Receiving Treatment refers to respondents classified as needing treatment for alcohol, but not receiving treatment for an alcohol problem at a specialty facility (i.e., drug and alcohol rehabilitation facilities [inpatient or outpatient], hospitals [inpatient only], or mental health 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], or mental health centers). Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically, these estimate are based on data from original questions excluding those on the use of over-the-counter drugs or new methamphetamine items that were added in 2005 and 2006. See Section B.4.8 in the Appendix B of the *Results from the 2008 National Survey on Drug Use and Health: National Findings*.

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

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 2006, 2007, and 2008 NSDUHs

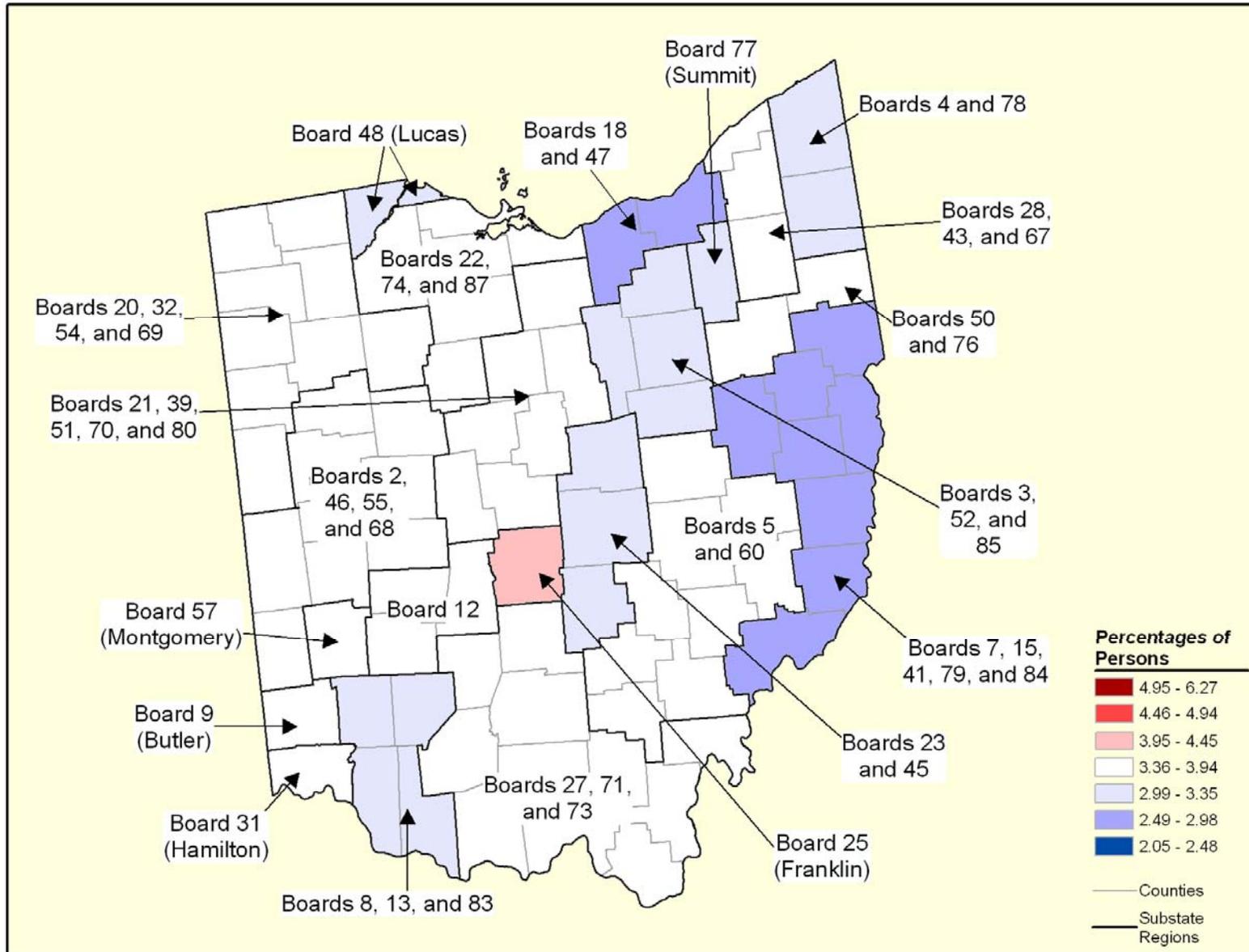
1130



NOTE: The legend's ranges were created by dividing 344 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 2006-2008 National Surveys on Drug Use and Health*.

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

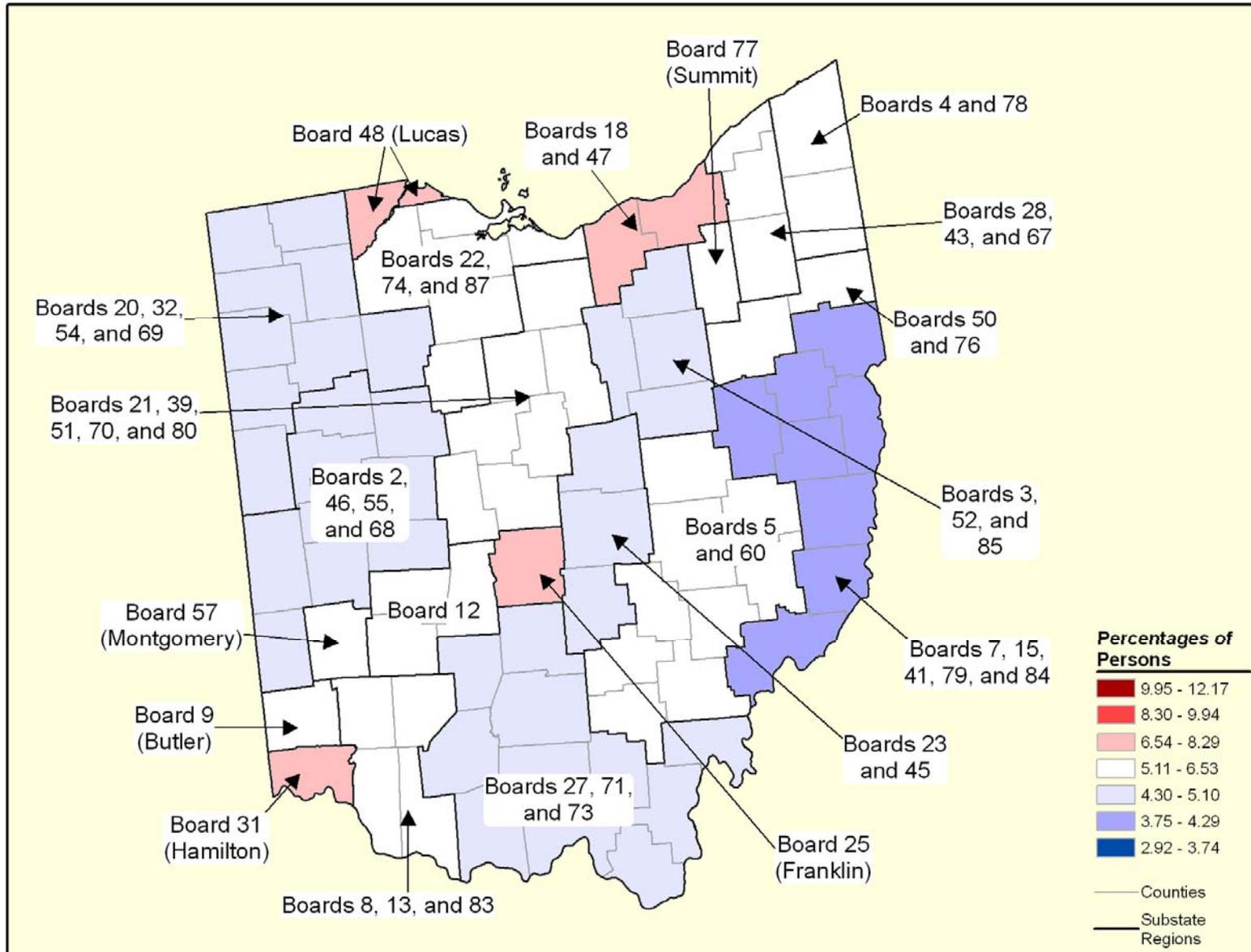
Figure 36.1.2 Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs



NOTE: The legend's ranges were created by dividing 344 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 2006-2008 National Surveys on Drug Use and Health*.

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

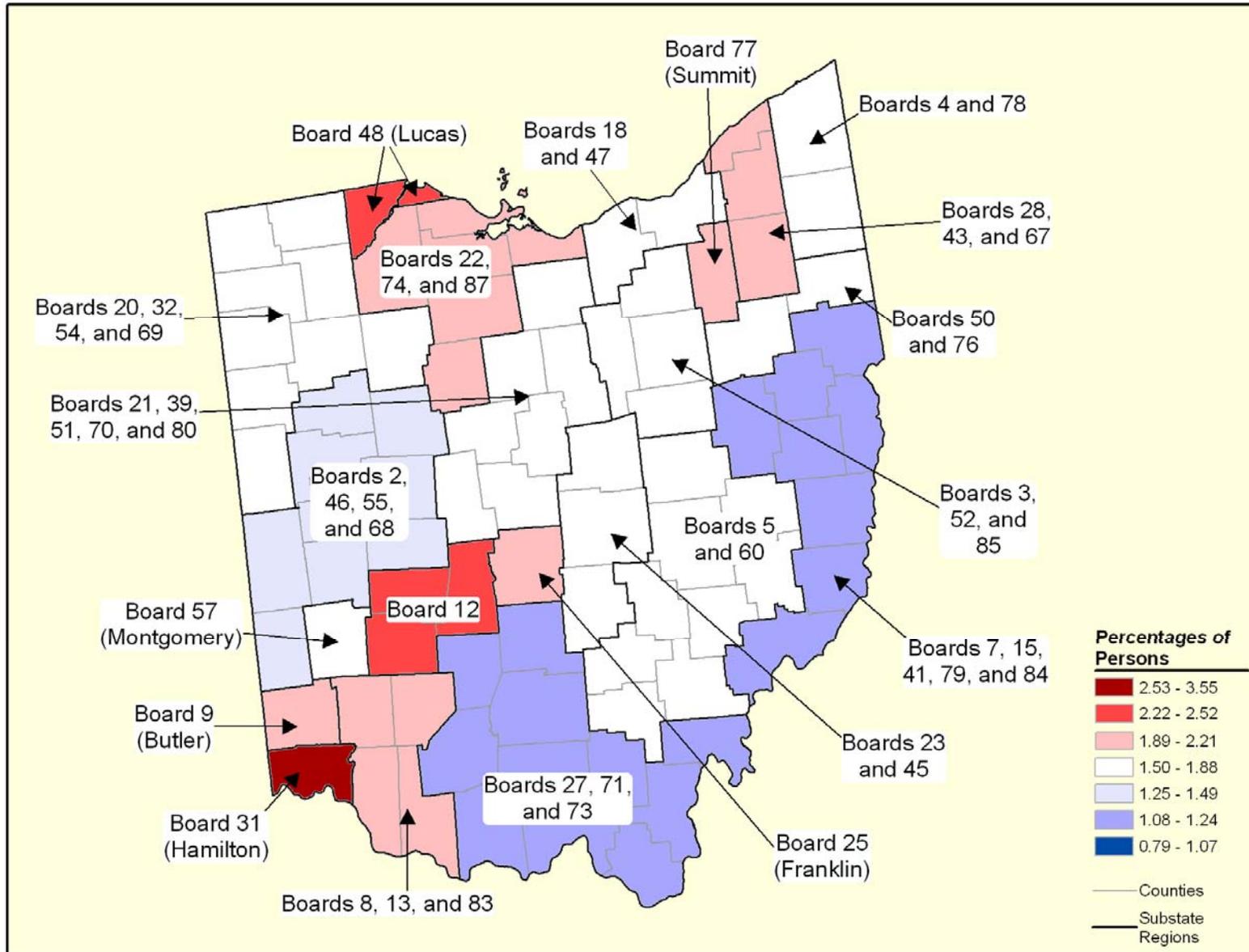
Figure 36.2.1 Marijuana Use in Past Month among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs



NOTE: The legend's ranges were created by dividing 344 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 2006-2008 National Surveys on Drug Use and Health*.

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

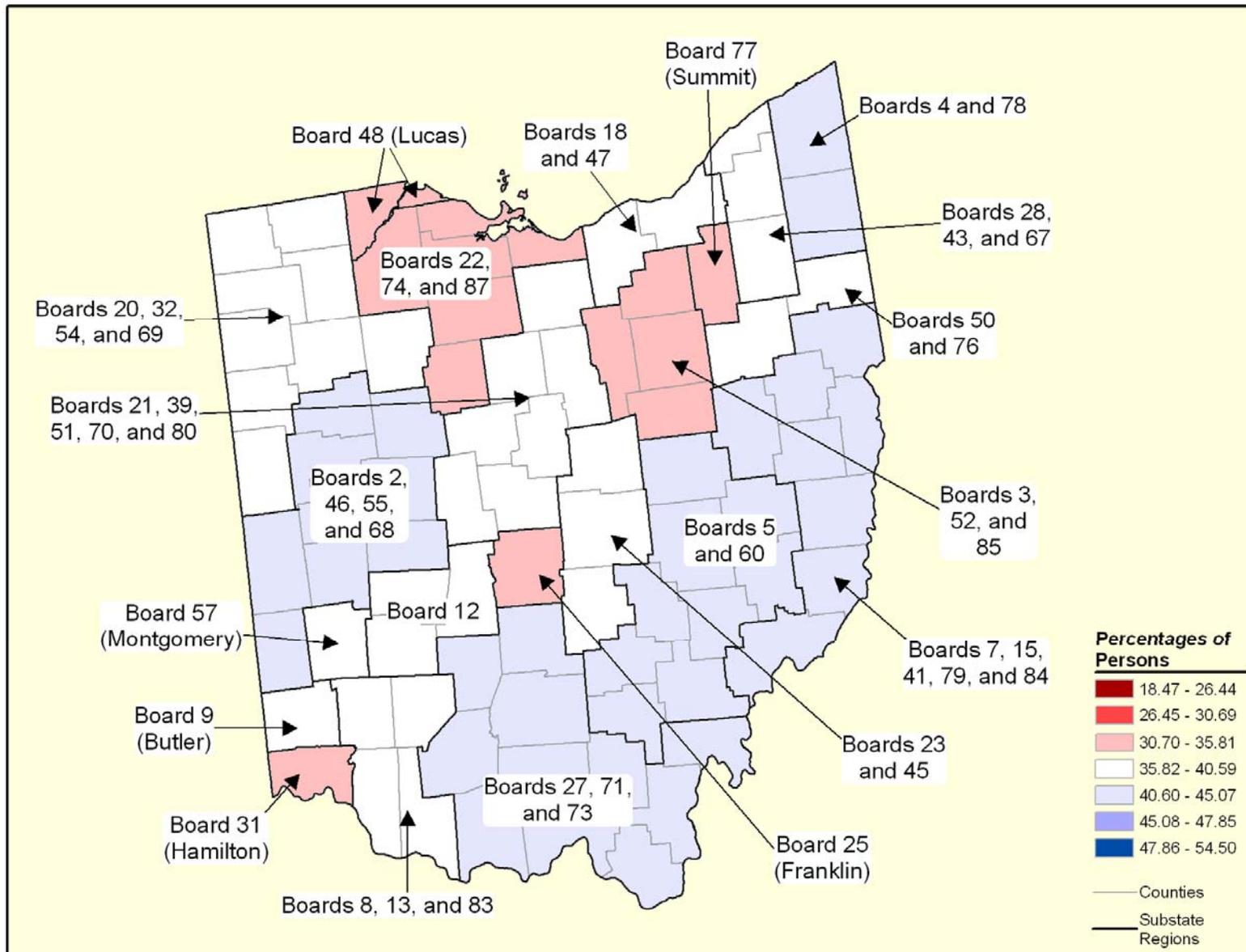
Figure 36.2.2 First Use of Marijuana among Persons Aged 12 or Older in Ohio, by Substate Region: Average Annual Rates Based on 2006, 2007, and 2008 NSDUHs



NOTE: The legend's ranges were created by dividing 344 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 2006-2008 National Surveys on Drug Use and Health*.

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

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 2006, 2007, and 2008 NSDUHs



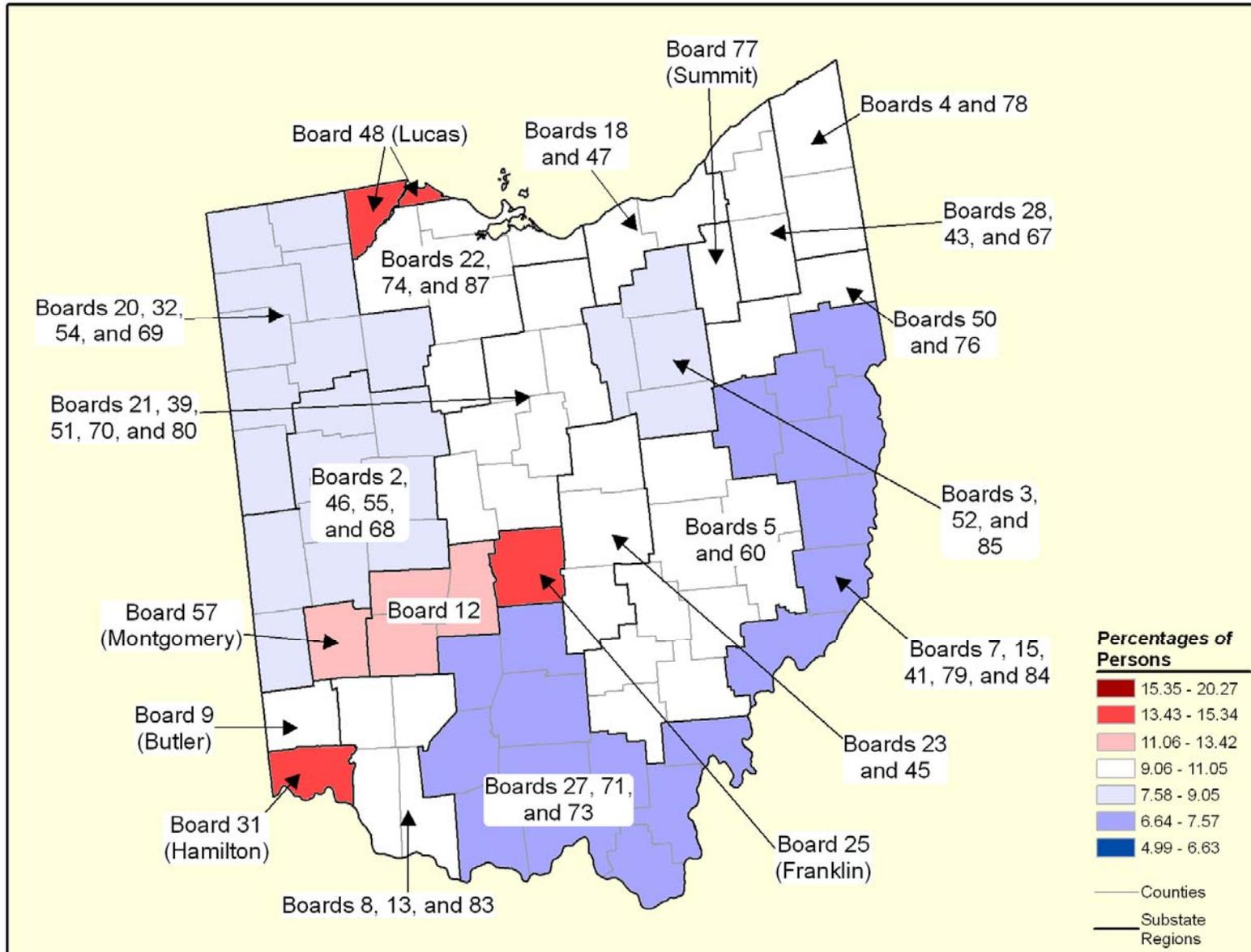
1134

NOTE: The legend's ranges were created by dividing 344 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 2006-2008 National Surveys on Drug Use and Health*.

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

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 2006, 2007, and 2008 NSDUHs

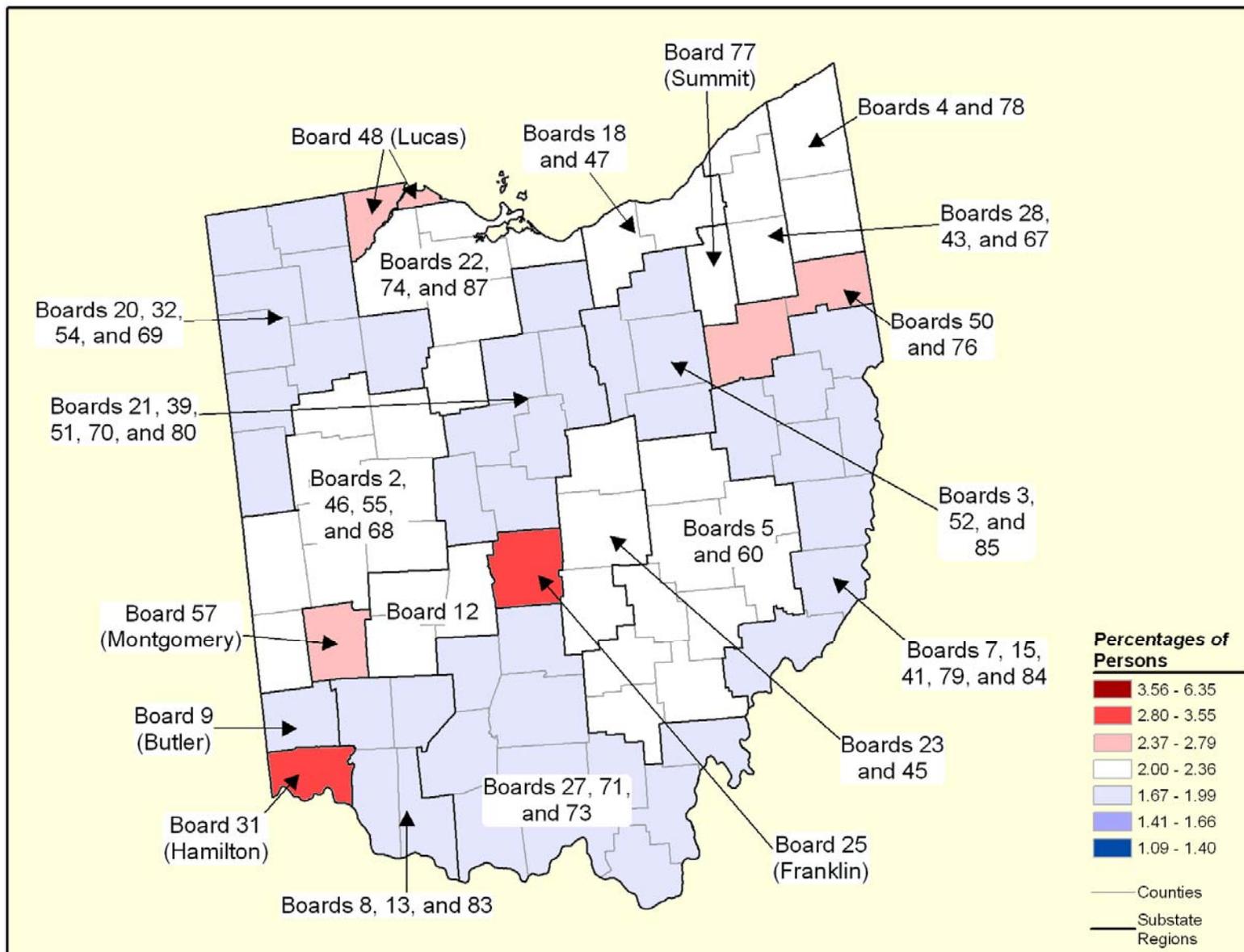
1135



NOTE: The legend's ranges were created by dividing 344 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 2006-2008 National Surveys on Drug Use and Health*.

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

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 2006, 2007, and 2008 NSDUHs

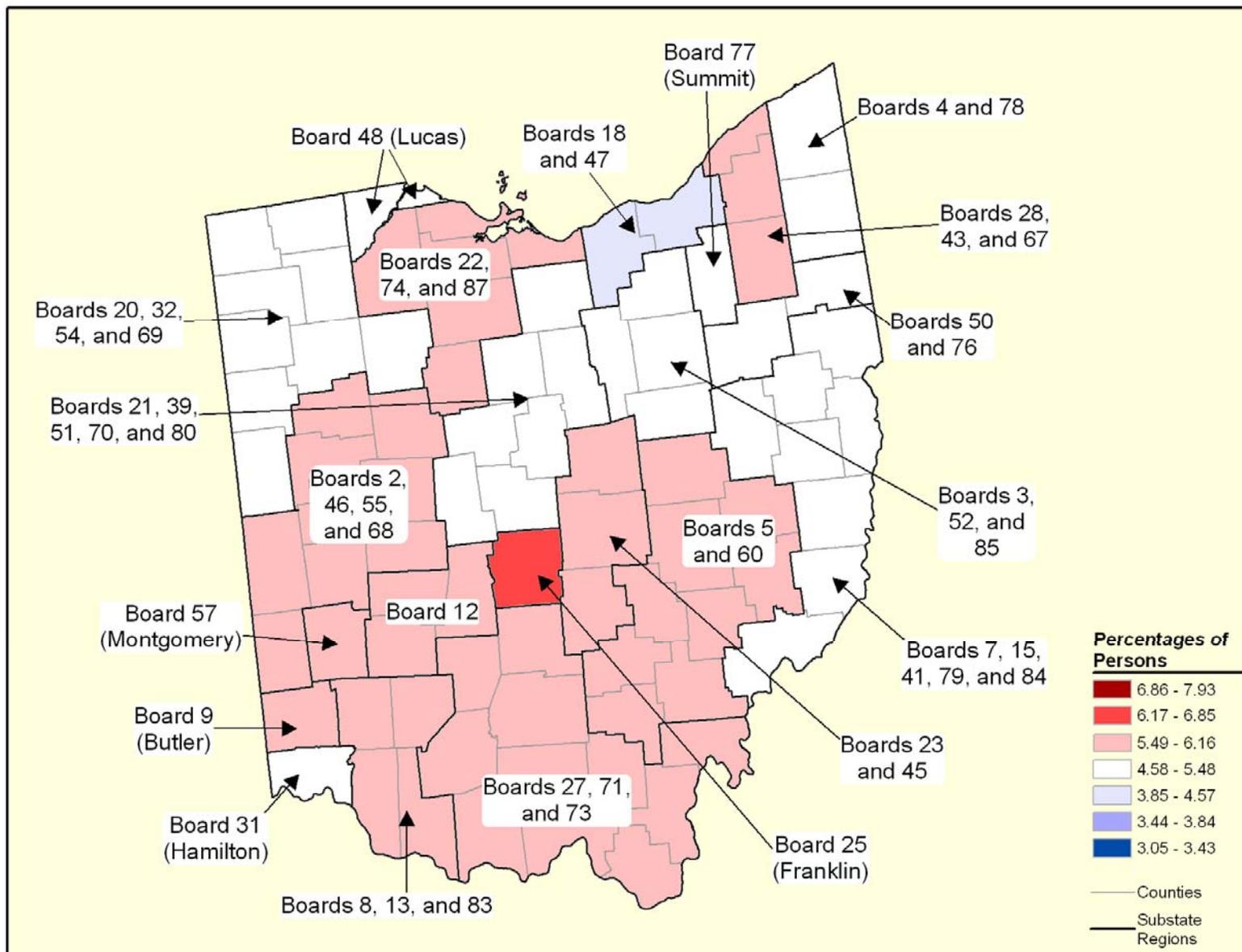


1136

NOTE: The legend's ranges were created by dividing 344 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 2006-2008 National Surveys on Drug Use and Health*.

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

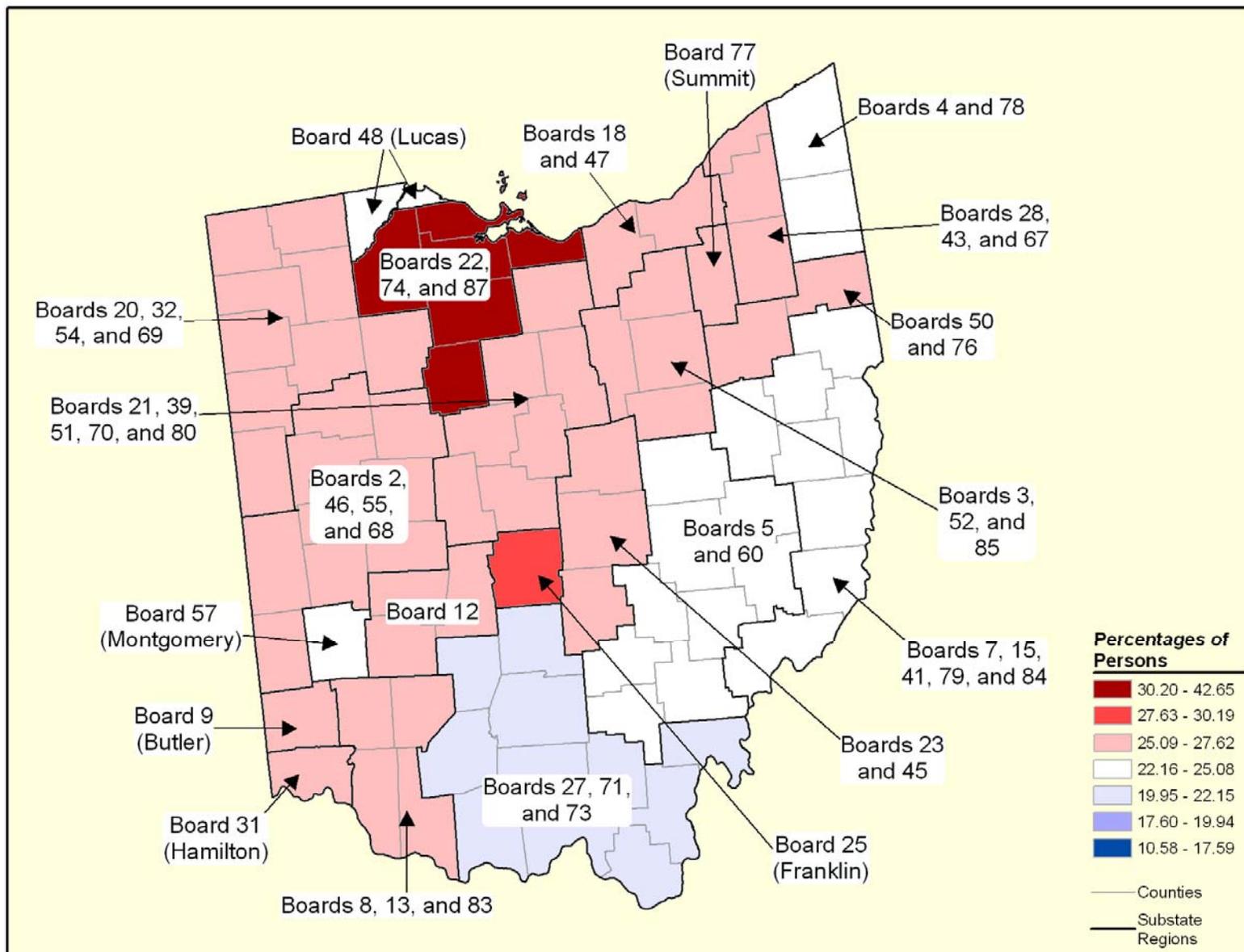
Figure 36.3.3 Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs



NOTE: The legend's ranges were created by dividing 344 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 2006-2008 National Surveys on Drug Use and Health*.

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

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 2006, 2007, and 2008 NSDUHs

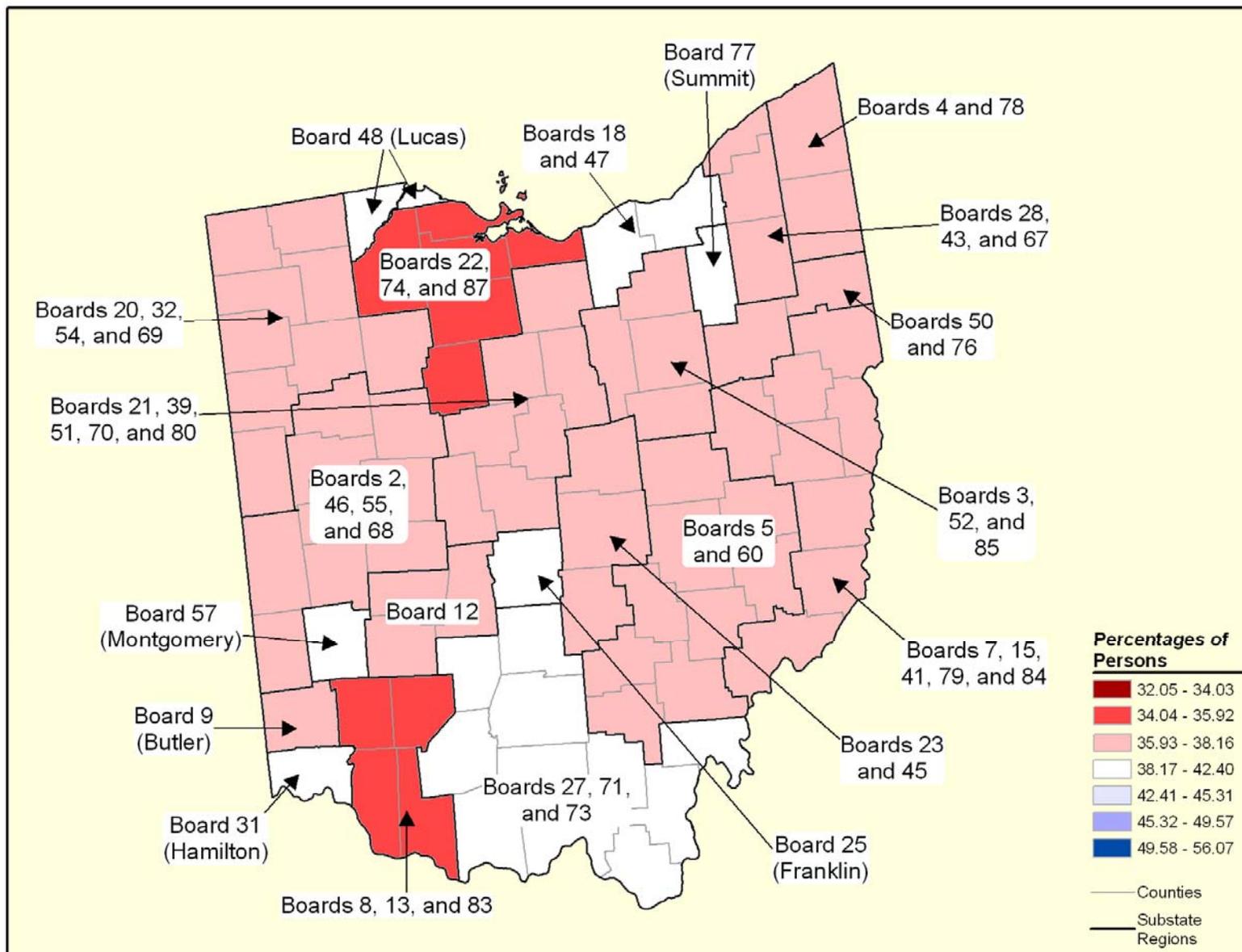


1139

NOTE: The legend's ranges were created by dividing 344 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 2006-2008 National Surveys on Drug Use and Health*.

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

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 2006, 2007, and 2008 NSDUHs

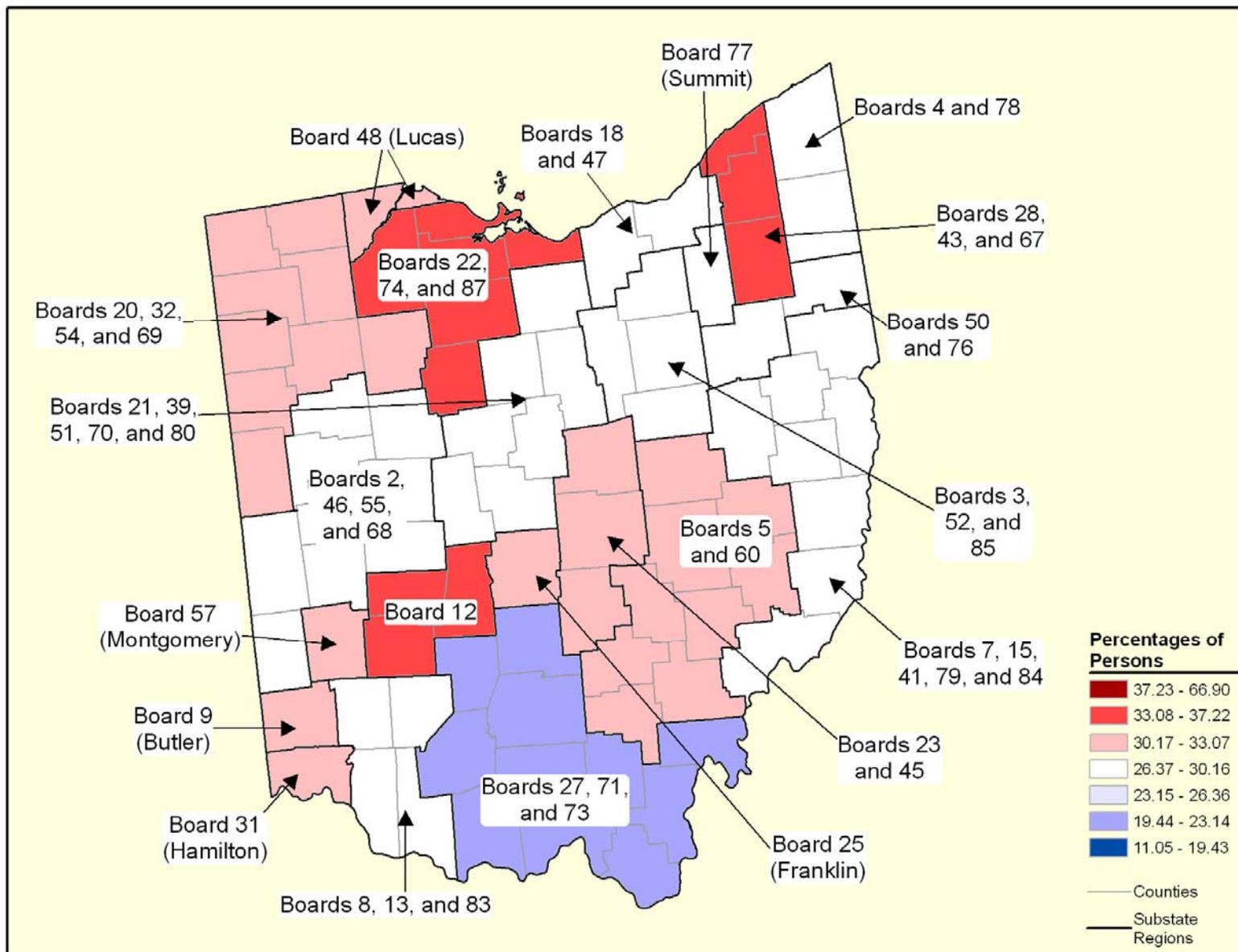


1140

NOTE: The legend's ranges were created by dividing 344 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 2006-2008 National Surveys on Drug Use and Health*.

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

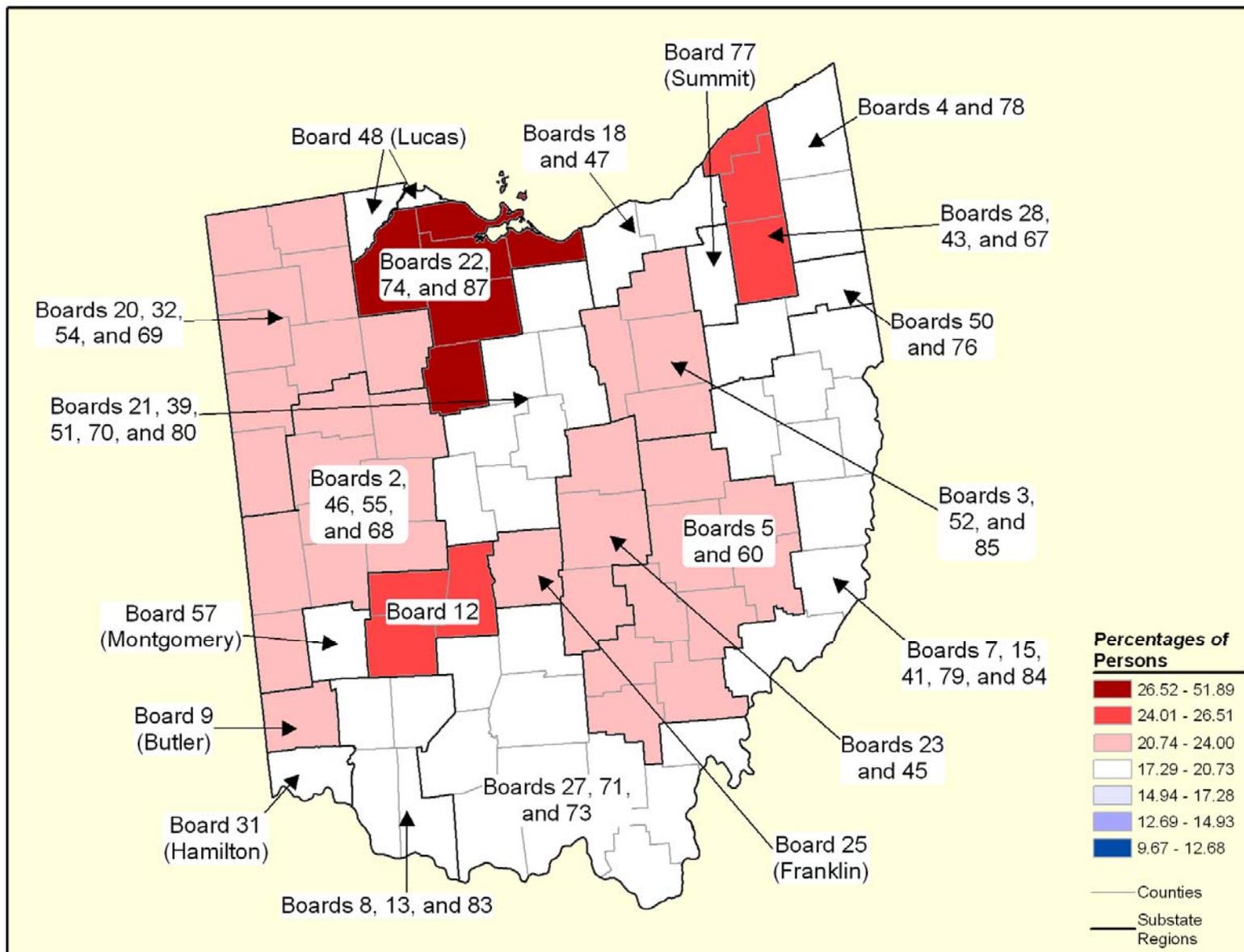
Figure 36.5.1 Alcohol Use in Past Month among Persons Aged 12 to 20 in Ohio, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs



NOTE: The legend's ranges were created by dividing 344 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 2006-2008 National Surveys on Drug Use and Health*.

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

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 2006, 2007, and 2008 NSDUHs

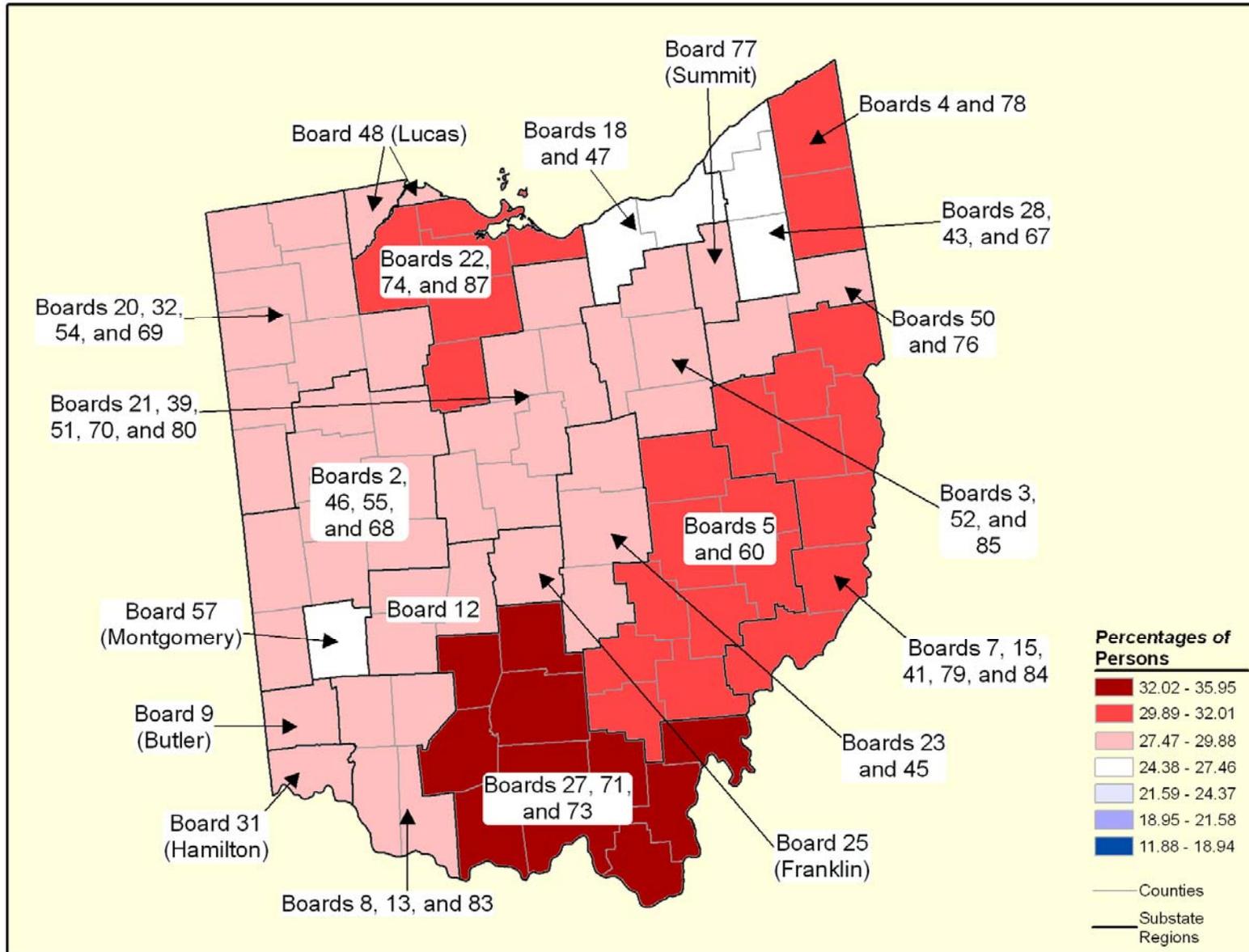


1142

NOTE: The legend's ranges were created by dividing 344 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 2006-2008 National Surveys on Drug Use and Health*.

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

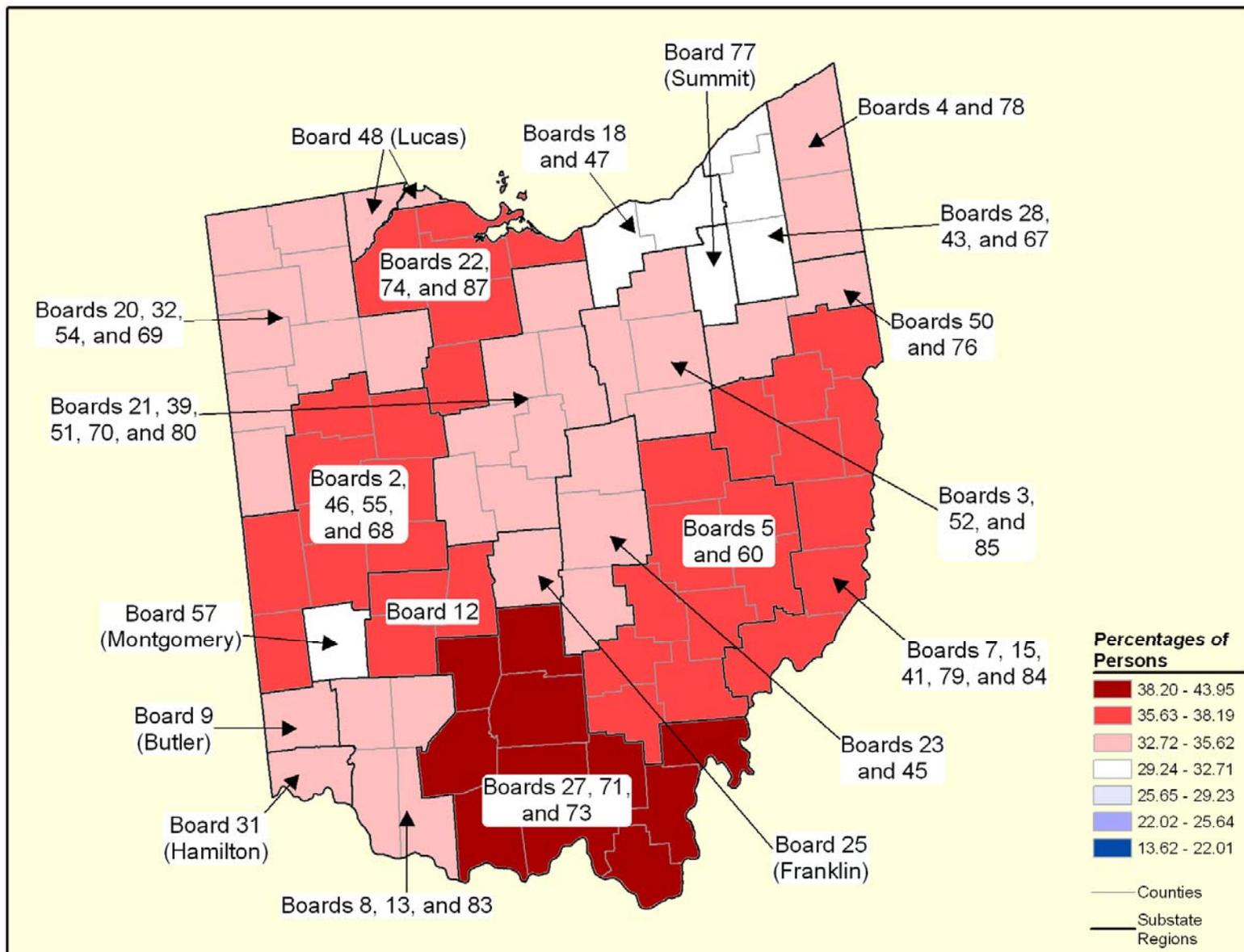
Figure 36.6.1 Cigarette Use in Past Month among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs



NOTE: The legend's ranges were created by dividing 344 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 2006-2008 National Surveys on Drug Use and Health*.

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

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 2006, 2007, and 2008 NSDUHs

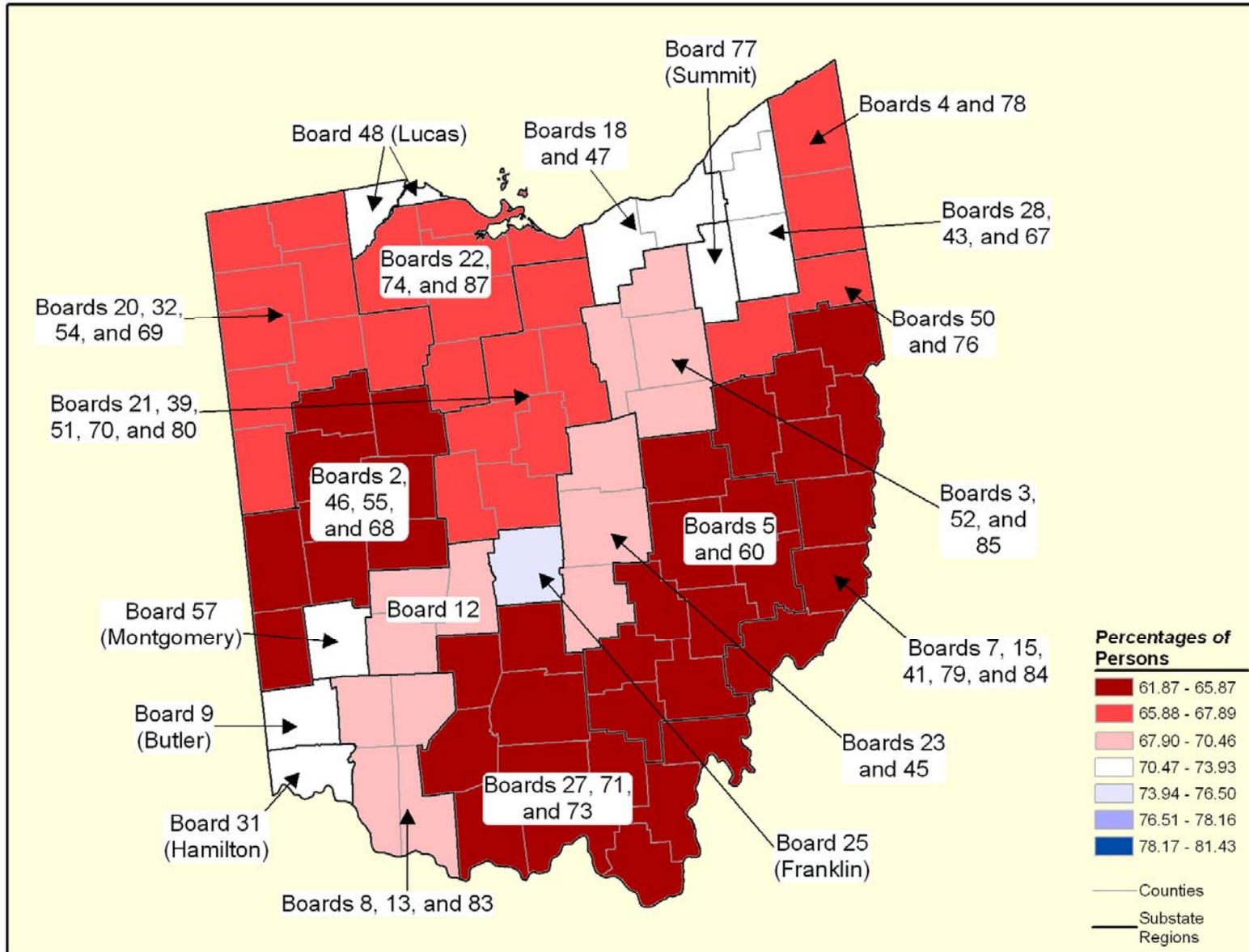


1144

NOTE: The legend's ranges were created by dividing 344 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 2006-2008 National Surveys on Drug Use and Health*.

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

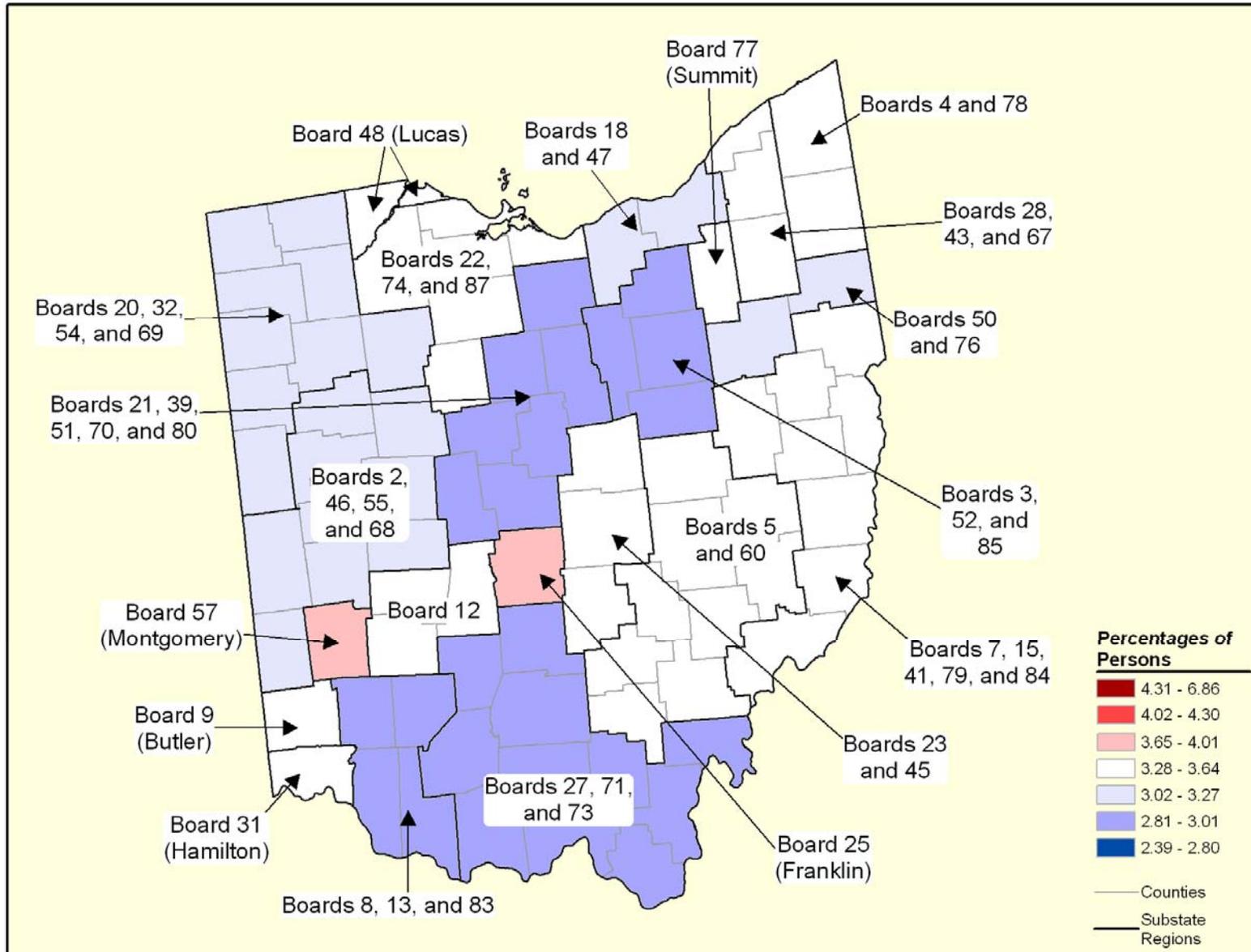
Figure 36.6.3 *Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older in Ohio, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs*



NOTE: The legend's ranges were created by dividing 344 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 2006-2008 National Surveys on Drug Use and Health*.

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

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 2006, 2007, and 2008 NSDUHs

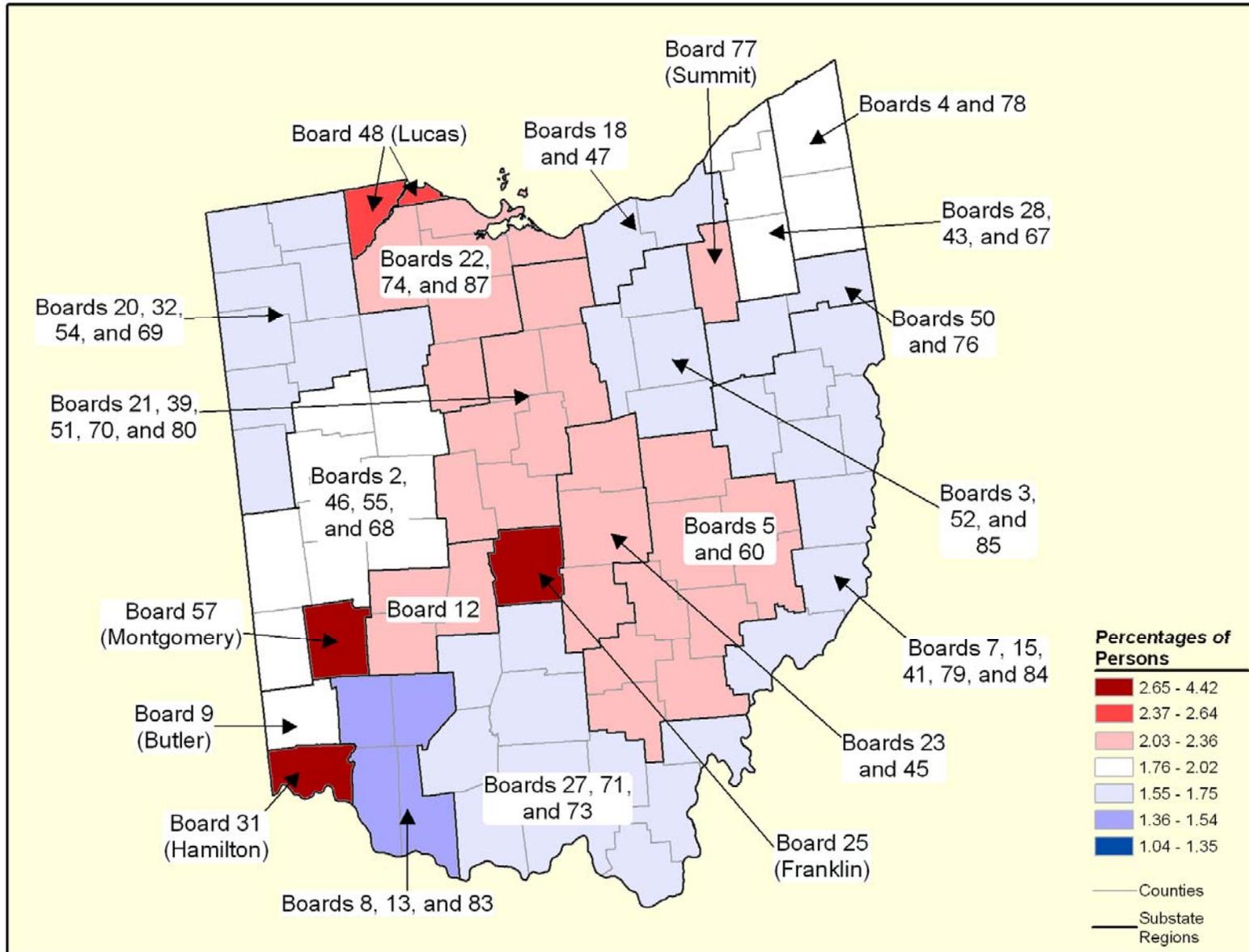


1146

NOTE: The legend's ranges were created by dividing 344 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 2006-2008 National Surveys on Drug Use and Health*.

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

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 2006, 2007, and 2008 NSDUHs



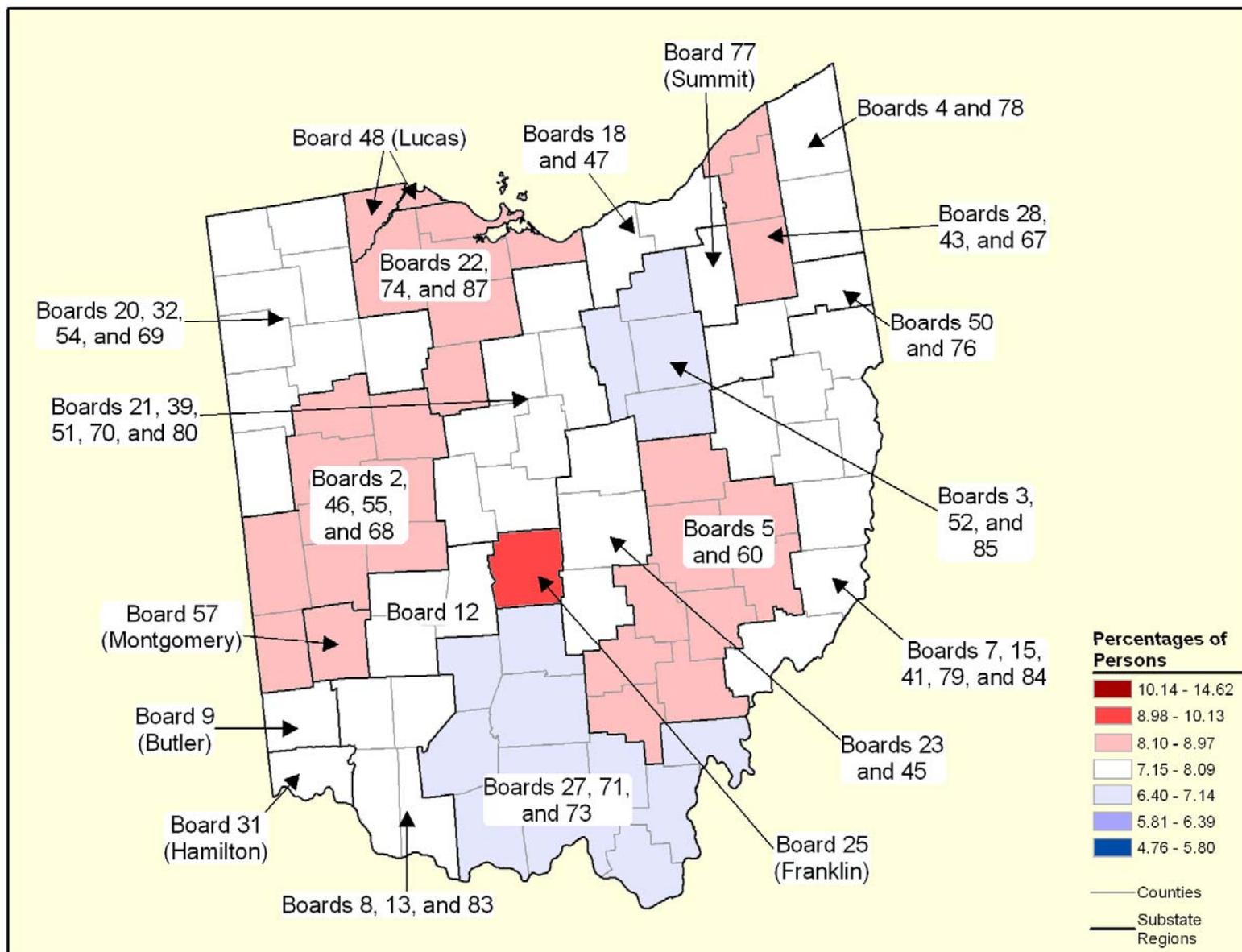
1147

NOTE: The legend's ranges were created by dividing 344 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 2006-2008 National Surveys on Drug Use and Health*.

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

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 2006, 2007, and 2008 NSDUHs

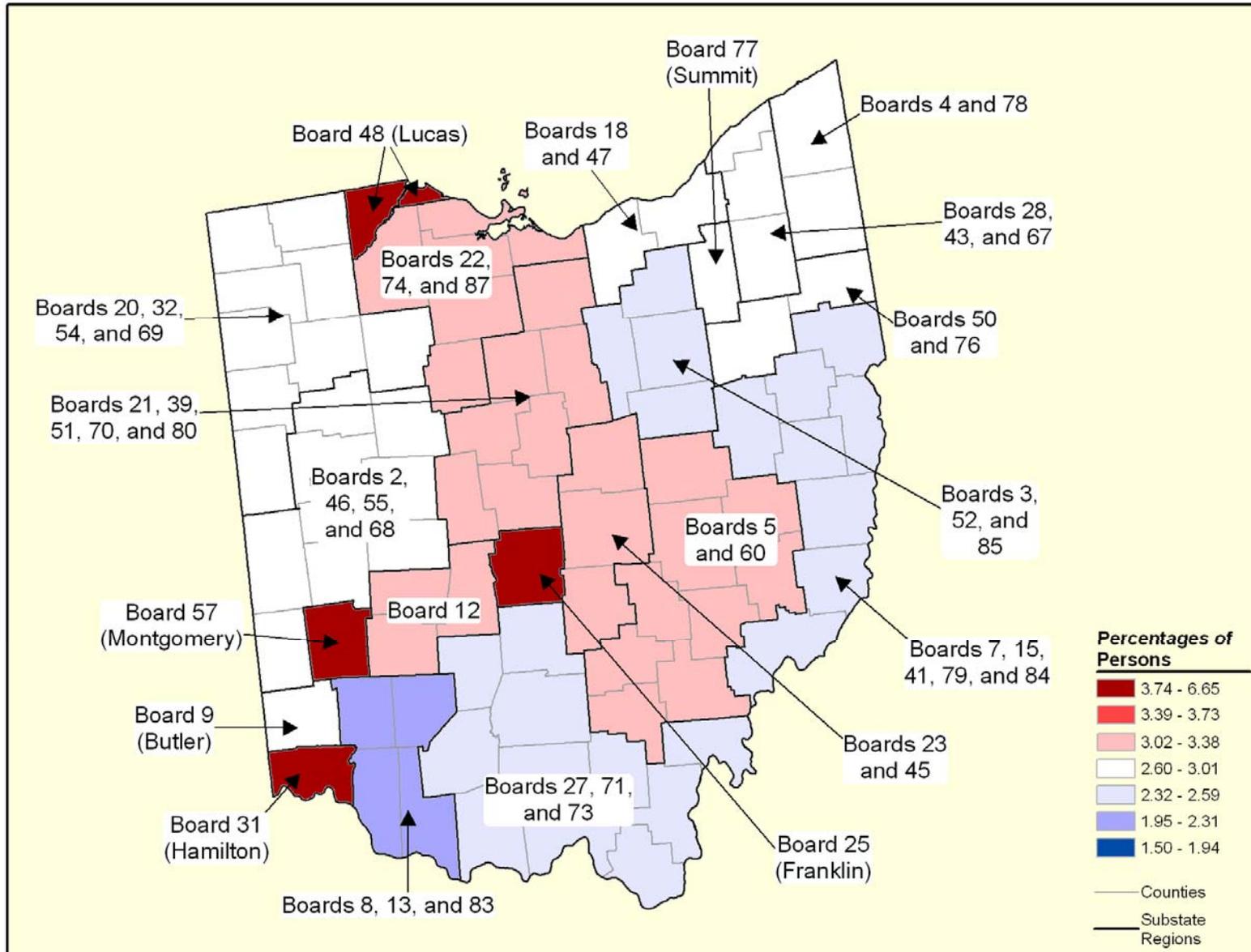
1148



NOTE: The legend's ranges were created by dividing 344 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 2006-2008 National Surveys on Drug Use and Health*.

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

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 2006, 2007, and 2008 NSDUHs

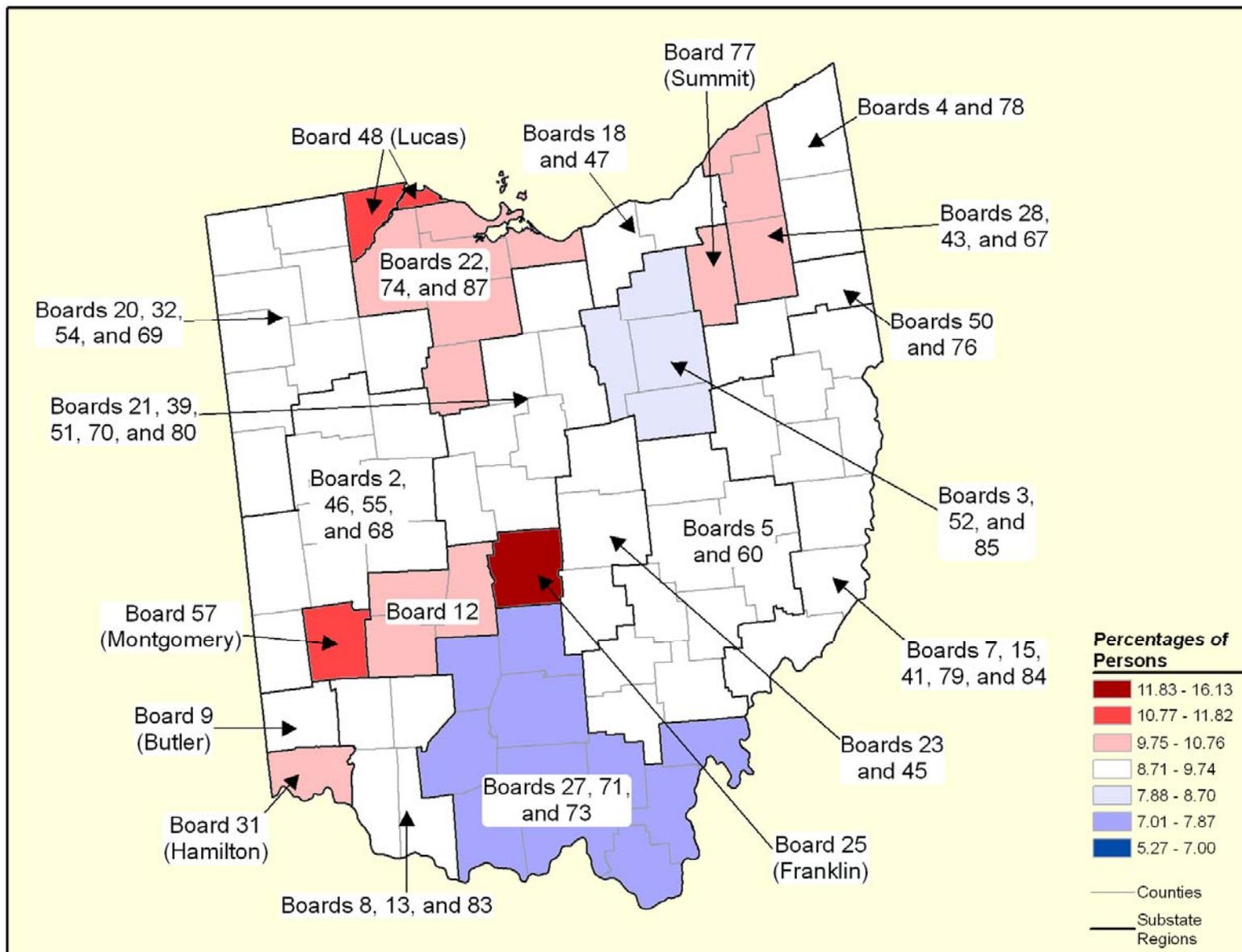


NOTE: The legend's ranges were created by dividing 344 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

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

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 2006, 2007, and 2008 NSDUHs*

1150

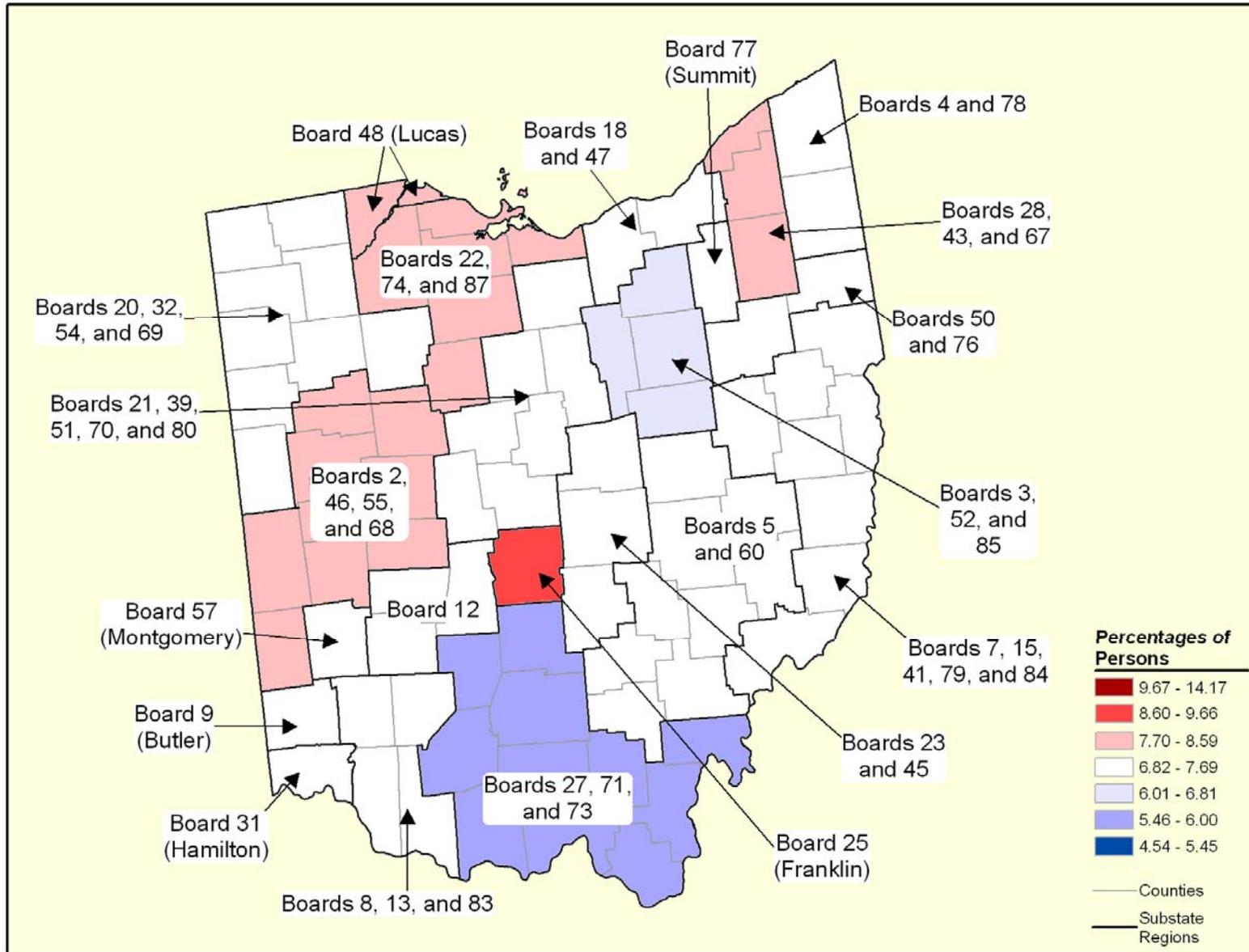


NOTE: The legend's ranges were created by dividing 344 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2006-2008 National Surveys on Drug Use and Health*.

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

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 2006, 2007, and 2008 NSDUHs*

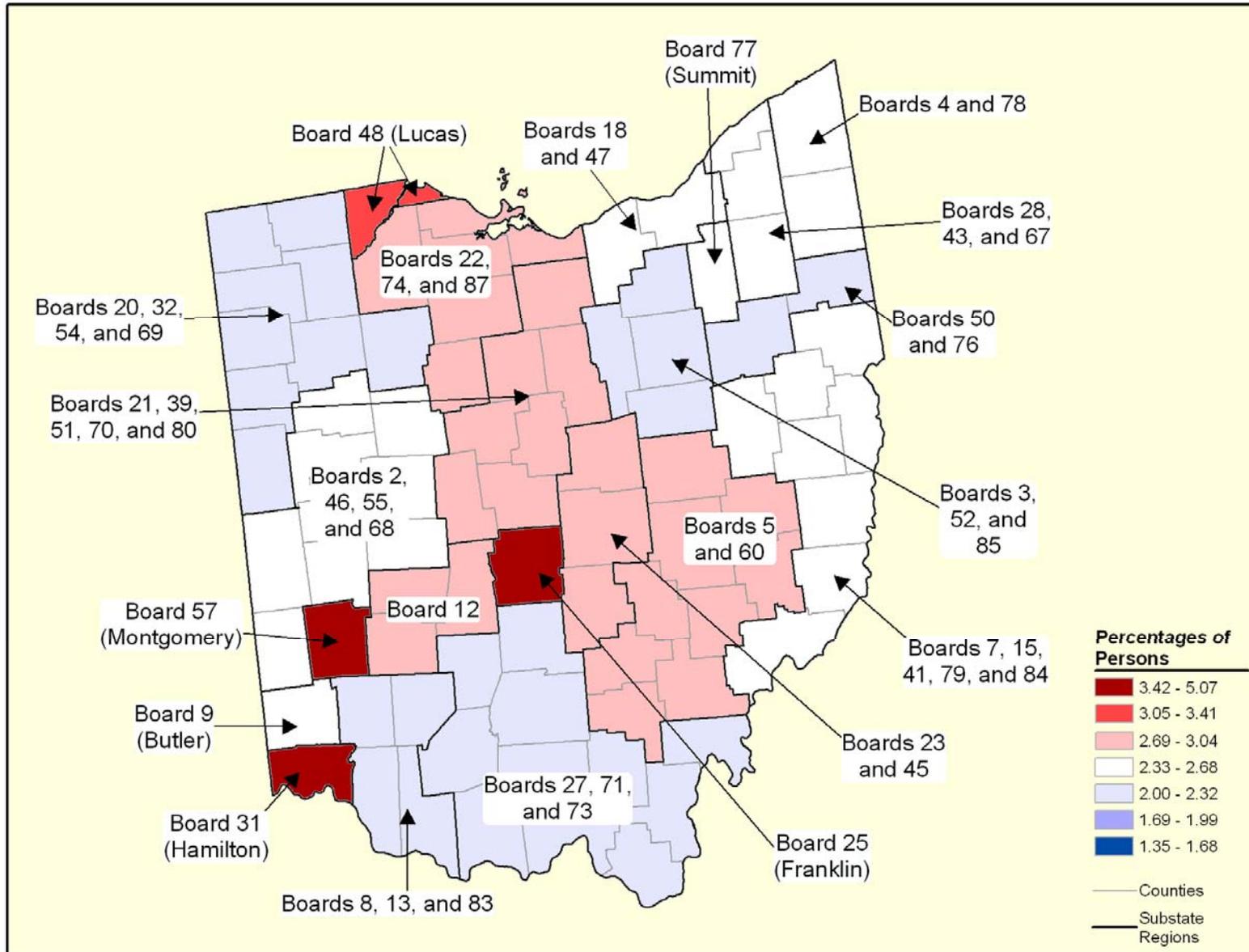
1151



NOTE: The legend's ranges were created by dividing 344 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 2006-2008 National Surveys on Drug Use and Health*.

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

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 2006, 2007, and 2008 NSDUHs*



1152

NOTE: The legend's ranges were created by dividing 344 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 2006-2008 National Surveys on Drug Use and Health*.

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