

Table 18.1 Any Illicit Drug Use in Past Month and Any Illicit Drug Use Other Than Marijuana in Past Month in Kentucky among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

State/Substate Region	Any Illicit Drug Use in Past Month		Any Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Kentucky	8.96	(7.80 - 10.27)	4.47	(3.77 - 5.31)
Adanta, Cumberland River, and Lifeskills	6.43	(4.89 - 8.40)	4.01	(3.07 - 5.22)
Bluegrass, Comprehend, and North Key	10.33	(8.45 - 12.57)	5.10	(3.96 - 6.56)
Communicare and River Valley	8.54	(6.42 - 11.27)	4.10	(3.08 - 5.44)
Four Rivers and Pennyroyal	7.78	(5.78 - 10.40)	4.08	(2.97 - 5.60)
Kentucky River, Mountain, and Pathways	7.91	(5.96 - 10.44)	4.60	(3.47 - 6.06)
Seven Counties	10.51	(8.40 - 13.09)	4.32	(3.31 - 5.61)

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

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

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

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

Table 18.2 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 Kentucky among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana ¹		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Kentucky	6.46	(5.48 - 7.60)	1.69	(1.48 - 1.93)	41.24	(38.56 - 43.96)
Adanta, Cumberland River, and Lifeskills	4.40	(3.18 - 6.06)	1.42	(1.12 - 1.80)	46.90	(42.00 - 51.86)
Bluegrass, Comprehend, and North Key	7.10	(5.58 - 9.00)	1.72	(1.38 - 2.15)	37.44	(33.32 - 41.74)
Communicare and River Valley	6.41	(4.69 - 8.71)	1.70	(1.27 - 2.28)	41.45	(36.16 - 46.95)
Four Rivers and Pennyroyal	5.59	(4.02 - 7.73)	1.41	(1.02 - 1.94)	45.66	(39.96 - 51.47)
Kentucky River, Mountain, and Pathways	5.19	(3.77 - 7.12)	1.42	(1.08 - 1.87)	47.87	(42.45 - 53.33)
Seven Counties	8.40	(6.56 - 10.70)	2.27	(1.77 - 2.89)	35.82	(31.39 - 40.51)

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

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

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

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

Table 18.3 Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year in Kentucky among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

State/Substate Region	Marijuana Use in Past Year		Cocaine Use in Past Year		Nonmedical Use of Pain Relievers in Past Year	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Kentucky	10.98	(9.74 - 12.35)	2.54	(2.03 - 3.17)	6.79	(5.85 - 7.88)
Adanta, Cumberland River, and Lifeskills	7.42	(5.86 - 9.37)	2.19	(1.61 - 2.98)	5.85	(4.54 - 7.52)
Bluegrass, Comprehend, and North Key	12.16	(10.06 - 14.63)	2.80	(2.05 - 3.82)	7.68	(6.12 - 9.59)
Communicare and River Valley	10.27	(8.00 - 13.09)	2.39	(1.70 - 3.34)	6.17	(4.72 - 8.04)
Four Rivers and Pennyroyal	10.24	(7.92 - 13.14)	2.25	(1.57 - 3.21)	6.73	(5.07 - 8.87)
Kentucky River, Mountain, and Pathways	9.25	(7.22 - 11.77)	2.48	(1.78 - 3.45)	6.83	(5.29 - 8.79)
Seven Counties	13.93	(11.49 - 16.78)	2.71	(1.94 - 3.77)	6.69	(5.33 - 8.35)

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

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

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

Table 18.4 *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 Kentucky among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs*

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month ¹		Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Kentucky	40.68	(37.89 - 43.52)	20.17	(18.34 - 22.15)	41.35	(38.74 - 44.01)
Adanta, Cumberland River, and Lifeskills	32.01	(27.52 - 36.85)	17.71	(14.94 - 20.87)	43.89	(39.33 - 48.55)
Bluegrass, Comprehend, and North Key	46.38	(41.96 - 50.86)	21.31	(18.60 - 24.29)	40.74	(36.93 - 44.65)
Communicare and River Valley	37.55	(32.14 - 43.29)	20.12	(16.80 - 23.91)	39.43	(34.74 - 44.32)
Four Rivers and Pennyroyal	38.78	(32.82 - 45.10)	20.14	(16.72 - 24.06)	42.77	(37.39 - 48.32)
Kentucky River, Mountain, and Pathways	30.06	(25.20 - 35.41)	18.75	(15.65 - 22.29)	43.92	(38.96 - 49.01)
Seven Counties	48.55	(43.84 - 53.29)	21.50	(18.48 - 24.85)	39.00	(34.77 - 43.40)

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

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

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

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

Table 18.5 *Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20 in Kentucky, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs*

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20		Binge Alcohol Use in Past Month among Persons Aged 12 to 20 ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Kentucky	29.41	(27.23 - 31.68)	19.99	(18.02 - 22.11)
Adanta, Cumberland River, and Lifeskills	25.72	(21.81 - 30.07)	17.59	(14.42 - 21.29)
Bluegrass, Comprehend, and North Key	30.29	(26.68 - 34.17)	18.57	(15.55 - 22.02)
Communicare and River Valley	30.81	(26.00 - 36.07)	22.91	(18.73 - 27.70)
Four Rivers and Pennyroyal	30.47	(25.49 - 35.95)	20.91	(16.79 - 25.73)
Kentucky River, Mountain, and Pathways	26.80	(22.27 - 31.87)	20.20	(16.36 - 24.68)
Seven Counties	31.58	(27.39 - 36.09)	21.79	(18.33 - 25.69)

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

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

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

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

Table 18.6 *Cigarette Use in Past Month, Any Tobacco Product Use in Past Month, and Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day in Kentucky among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs*

State/Substate Region	Cigarette Use in Past Month		Any Tobacco Product Use in Past Month ¹		Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Kentucky	33.96	(31.57 - 36.44)	39.62	(37.15 - 42.15)	62.86	(60.30 - 65.35)
Adanta, Cumberland River, and Lifeskills	34.25	(30.15 - 38.60)	40.65	(36.35 - 45.11)	60.74	(56.63 - 64.71)
Bluegrass, Comprehend, and North Key	31.86	(28.44 - 35.47)	36.12	(32.43 - 39.98)	64.03	(60.42 - 67.48)
Communicare and River Valley	36.39	(31.89 - 41.14)	41.97	(37.10 - 47.01)	59.82	(55.18 - 64.30)
Four Rivers and Pennyroyal	33.79	(29.40 - 38.48)	39.90	(34.89 - 45.13)	63.06	(58.63 - 67.29)
Kentucky River, Mountain, and Pathways	37.54	(33.04 - 42.26)	43.42	(38.55 - 48.43)	61.67	(57.11 - 66.04)
Seven Counties	33.33	(29.49 - 37.40)	39.95	(35.78 - 44.27)	65.15	(61.34 - 68.78)

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

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

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

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

Table 18.7 Alcohol Dependence in Past Year and Any Illicit Drug Dependence in Past Year in Kentucky among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

State/Substate Region	Alcohol Dependence in Past Year		Any Illicit Drug Dependence in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Kentucky	2.94	(2.37 - 3.64)	2.22	(1.76 - 2.80)
Adanta, Cumberland River, and Lifeskills	2.68	(1.95 - 3.65)	1.90	(1.35 - 2.66)
Bluegrass, Comprehend, and North Key	3.23	(2.40 - 4.34)	2.36	(1.72 - 3.25)
Communicare and River Valley	2.81	(2.03 - 3.89)	1.98	(1.36 - 2.88)
Four Rivers and Pennyroyal	2.74	(1.96 - 3.82)	2.41	(1.64 - 3.54)
Kentucky River, Mountain, and Pathways	2.79	(2.00 - 3.87)	2.18	(1.53 - 3.10)
Seven Counties	3.02	(2.18 - 4.16)	2.36	(1.72 - 3.23)

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

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

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

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

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

Table 18.8 *Alcohol Dependence or Abuse in Past Year, Any Illicit Drug Dependence or Abuse in Past Year, and Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year in Kentucky among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs*

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Any Illicit Drug Dependence or Abuse in Past Year ¹		Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year ¹	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Kentucky	6.57	(5.66 - 7.63)	3.20	(2.64 - 3.87)	8.65	(7.58 - 9.85)
Adanta, Cumberland River, and Lifeskills	6.03	(4.81 - 7.55)	2.74	(2.03 - 3.69)	7.43	(5.96 - 9.24)
Bluegrass, Comprehend, and North Key	7.42	(6.01 - 9.12)	3.22	(2.44 - 4.24)	9.66	(8.07 - 11.53)
Communicare and River Valley	6.11	(4.76 - 7.81)	3.06	(2.25 - 4.17)	7.95	(6.26 - 10.03)
Four Rivers and Pennyroyal	6.32	(4.88 - 8.14)	3.37	(2.47 - 4.59)	8.74	(6.91 - 10.99)
Kentucky River, Mountain, and Pathways	5.95	(4.57 - 7.71)	3.37	(2.51 - 4.51)	8.00	(6.35 - 10.02)
Seven Counties	6.59	(5.16 - 8.39)	3.43	(2.59 - 4.53)	8.96	(7.25 - 11.02)

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

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

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

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

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

Table 18.9 *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 Kentucky among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs*

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year ¹		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year ²	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Kentucky	6.34	(5.45 - 7.37)	2.89	(2.40 - 3.49)
Adanta, Cumberland River, and Lifeskills	5.81	(4.63 - 7.27)	2.45	(1.84 - 3.26)
Bluegrass, Comprehend, and North Key	7.22	(5.88 - 8.83)	3.05	(2.33 - 3.99)
Communicare and River Valley	5.90	(4.62 - 7.50)	2.65	(1.98 - 3.53)
Four Rivers and Pennyroyal	6.23	(4.82 - 8.02)	2.95	(2.19 - 3.96)
Kentucky River, Mountain, and Pathways	5.67	(4.37 - 7.33)	2.91	(2.16 - 3.90)
Seven Counties	6.26	(4.92 - 7.94)	3.13	(2.36 - 4.14)

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

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

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

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

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

Table 18.10 *Serious Psychological Distress in Past Year in Kentucky among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs*

State/Substate Region	Serious Psychological Distress in Past Year	
	Estimate	95% Prediction Interval
Kentucky	11.16	(9.65 - 12.87)
Adanta, Cumberland River, and Lifeskills	11.40	(8.95 - 14.42)
Bluegrass, Comprehend, and North Key	10.11	(8.05 - 12.62)
Communicare and River Valley	11.09	(8.50 - 14.34)
Four Rivers and Pennyroyal	10.99	(8.35 - 14.34)
Kentucky River, Mountain, and Pathways	12.61	(9.67 - 16.30)
Seven Counties	11.66	(9.12 - 14.78)

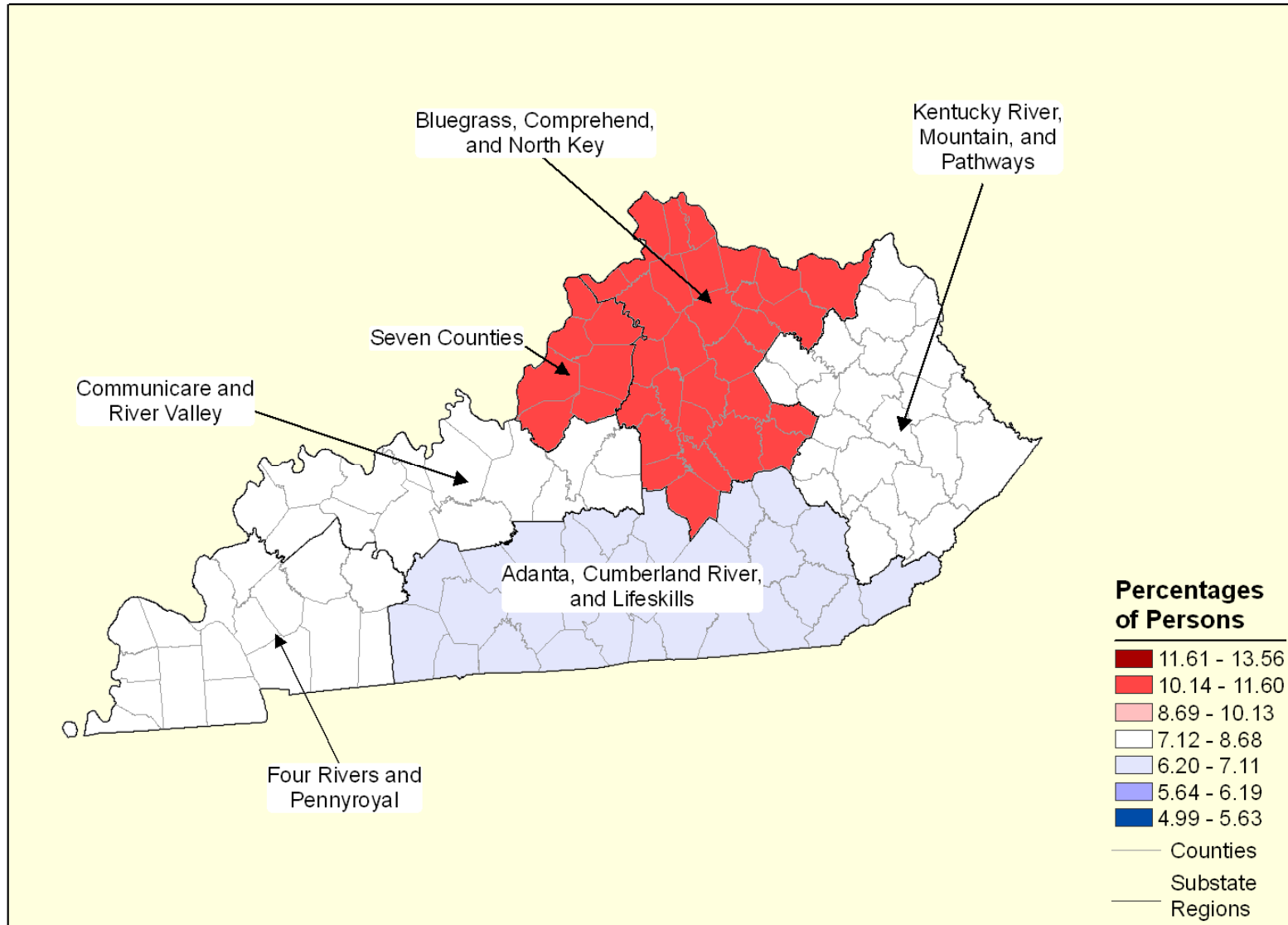
NOTE: For Substate Region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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

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

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

Figure 18.1.1 Any Illicit Drug Use in Past Month among Persons Aged 12 or Older in Kentucky, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

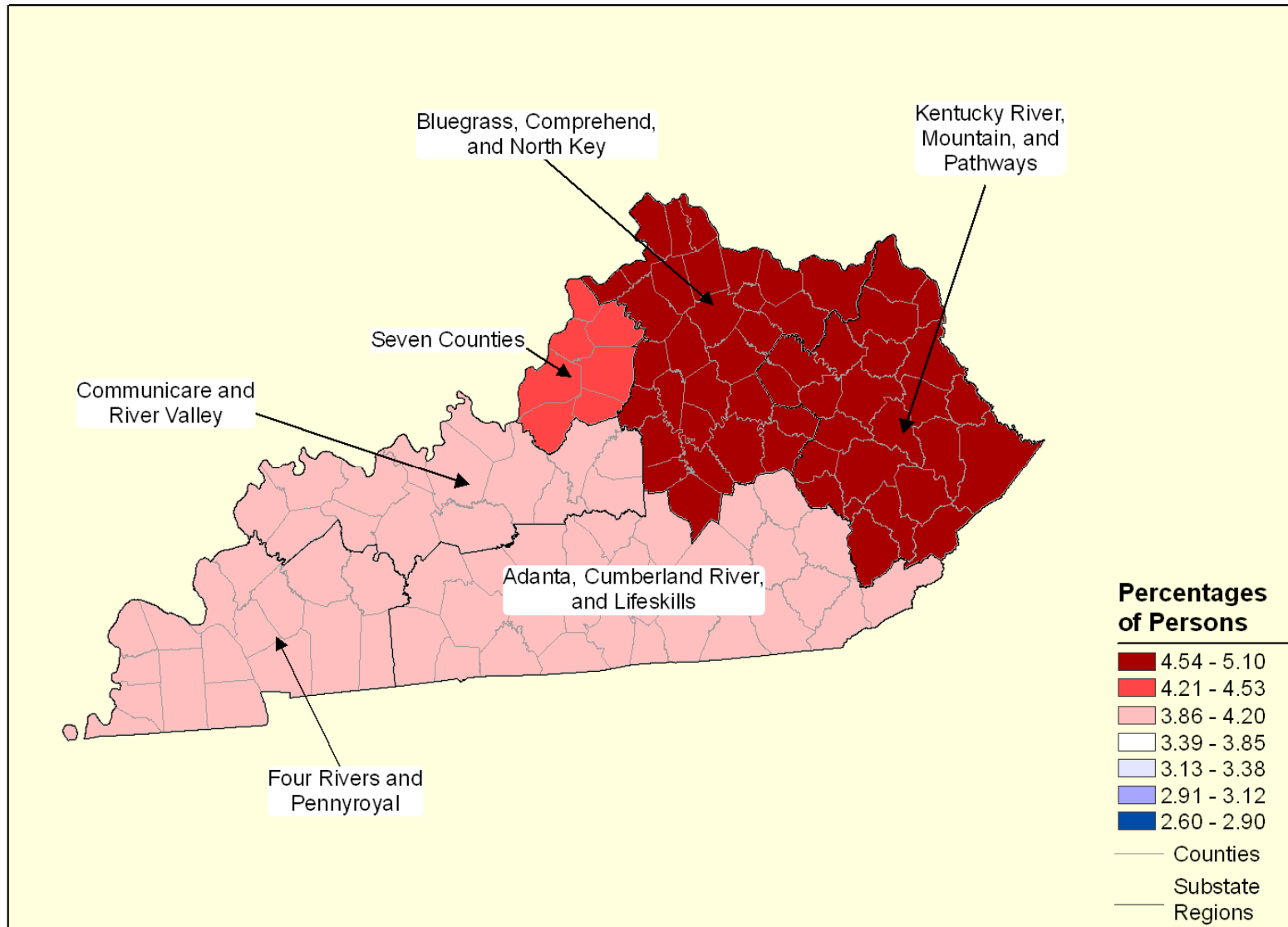


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NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National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

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

Figure 18.1.2 Any Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older in Kentucky, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

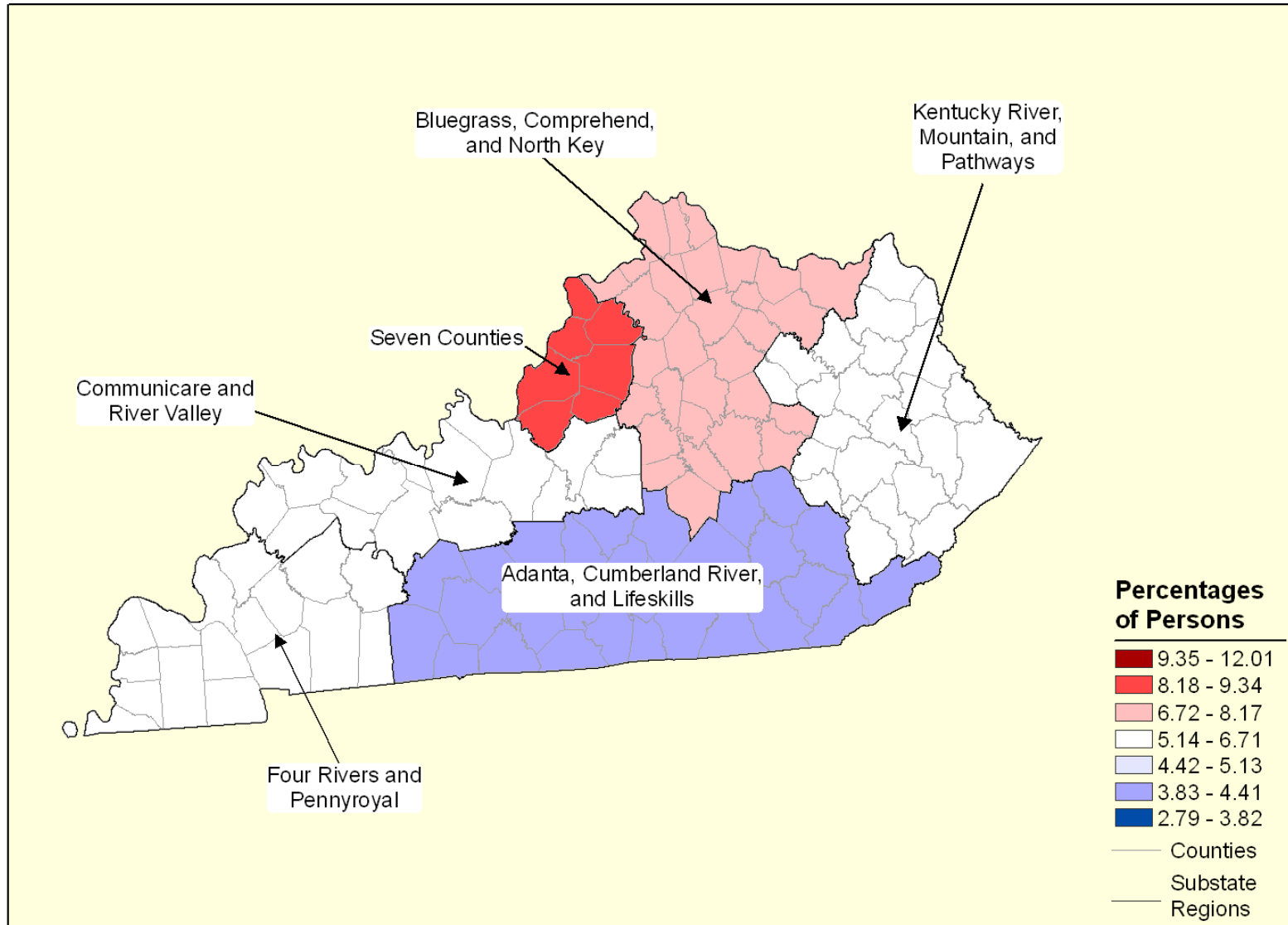


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NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National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

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

Figure 18.2.1 Marijuana Use in Past Month among Persons Aged 12 or Older in Kentucky, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

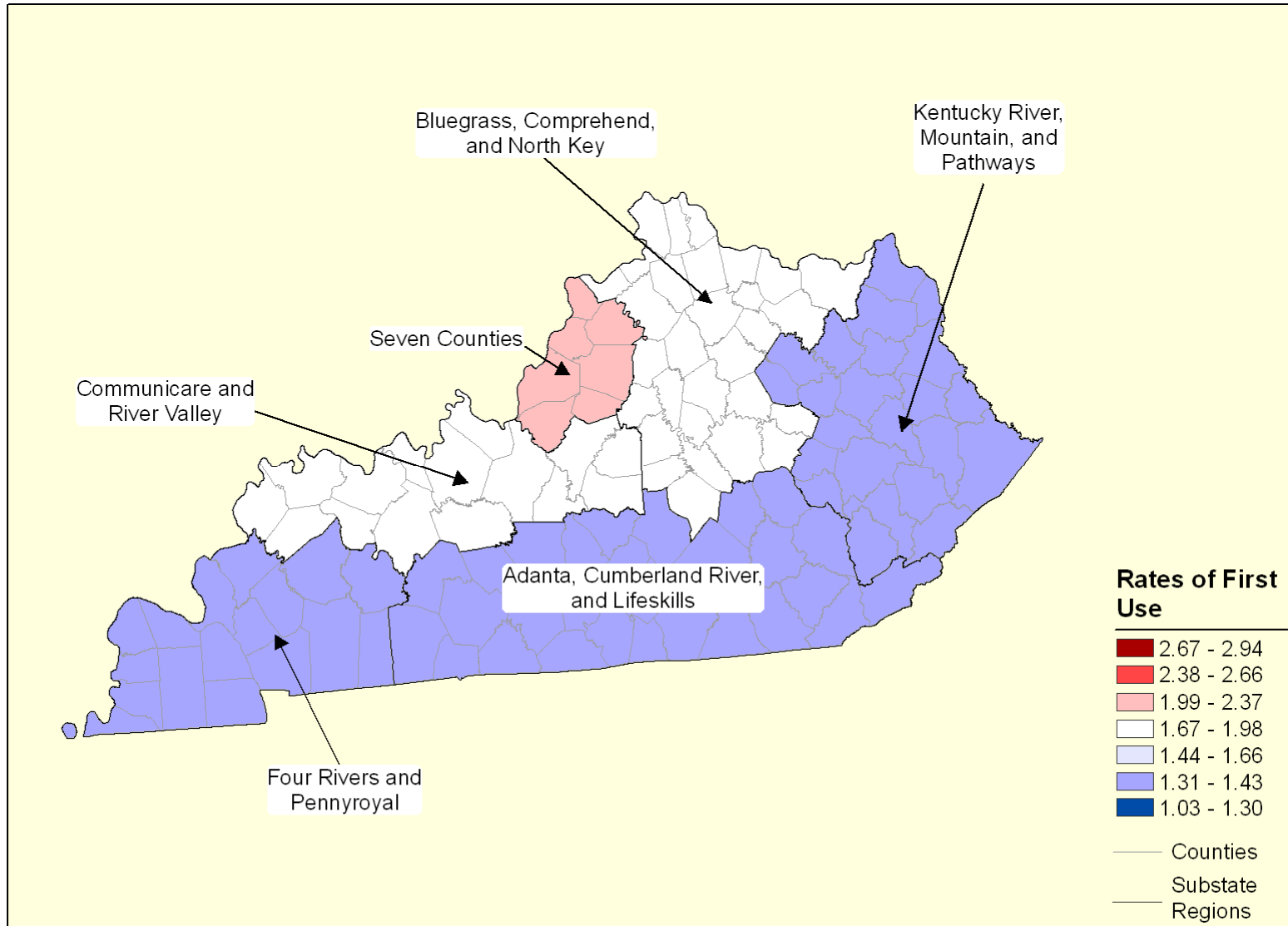


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NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National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

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

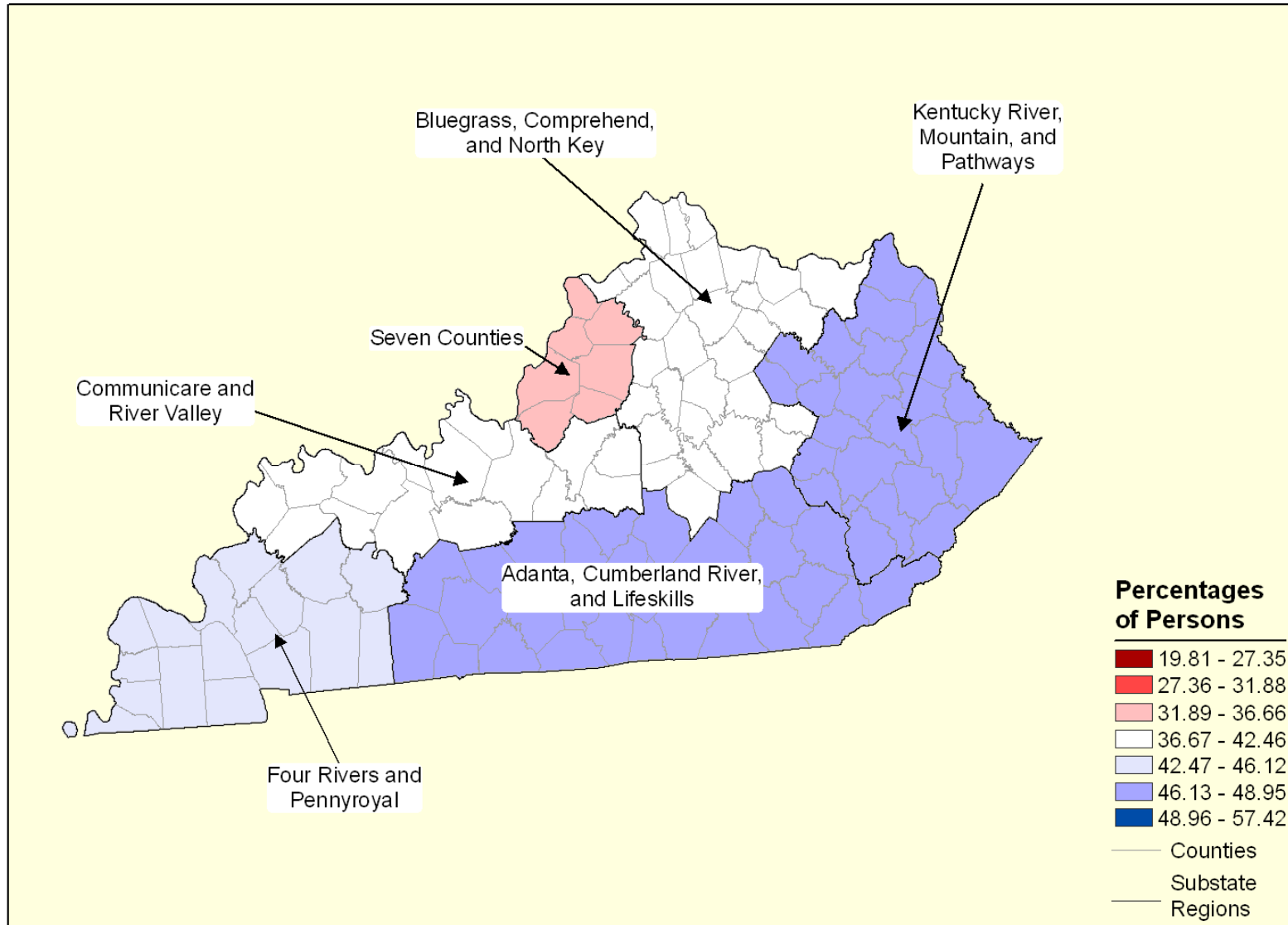
Figure 18.2.2 First Use of Marijuana among Persons Aged 12 or Older in Kentucky, by Substate Region: Average Annual Rates Based on 2002, 2003, and 2004 NSDUHs



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

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

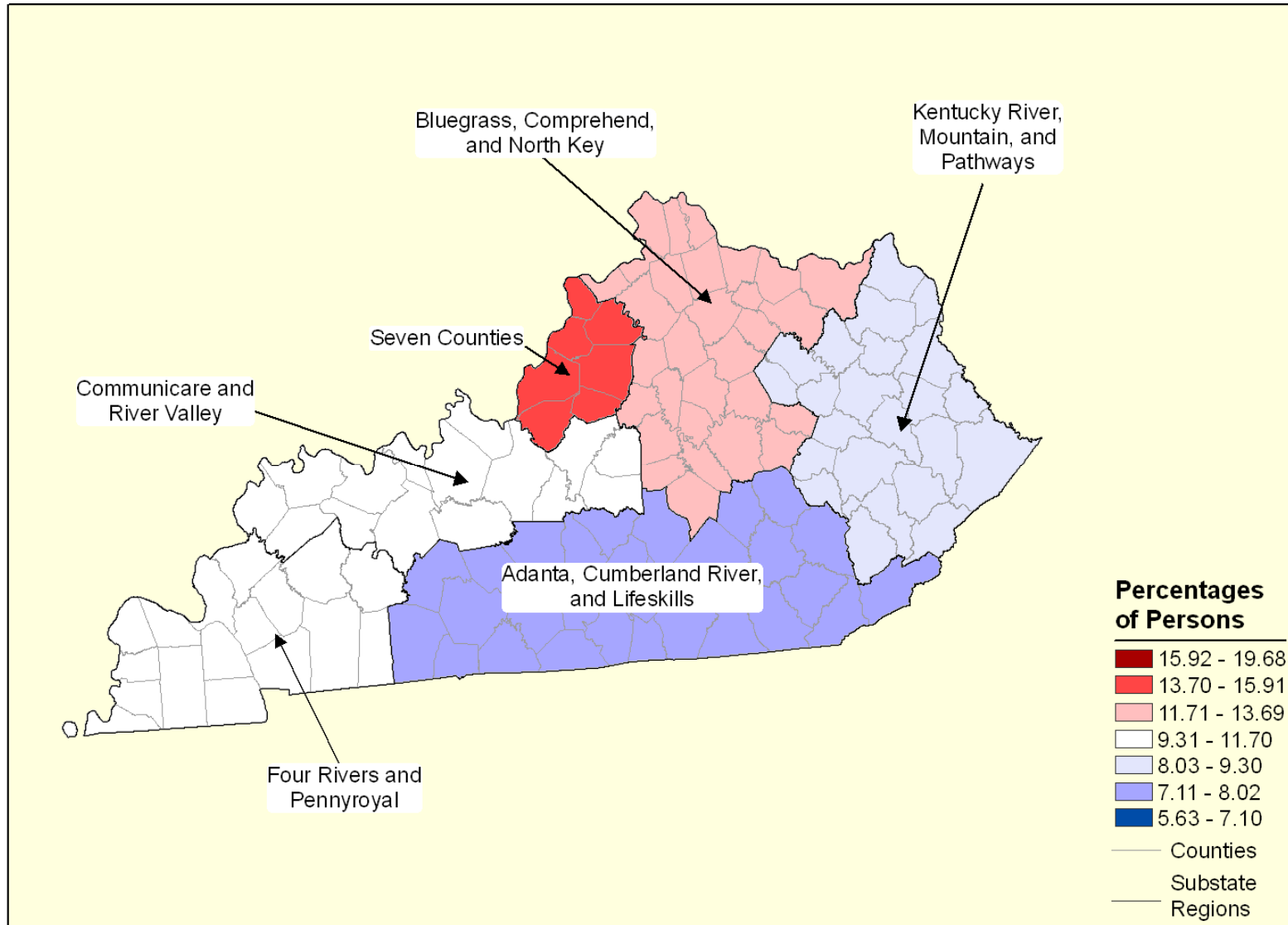
Figure 18.2.3 Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older in Kentucky, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs



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

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

Figure 18.3.1 Marijuana Use in Past Year among Persons Aged 12 or Older in Kentucky, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

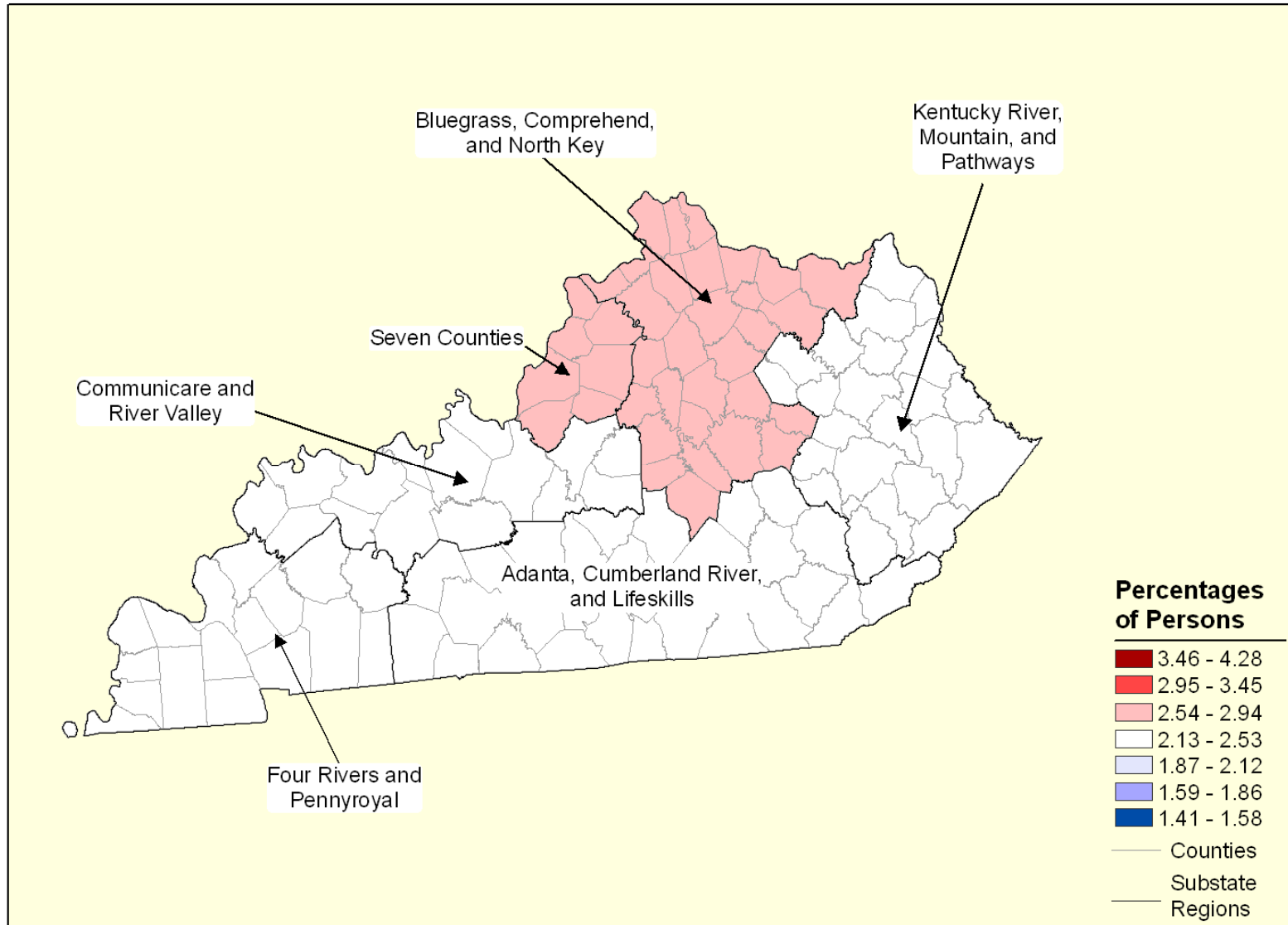


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NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National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

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

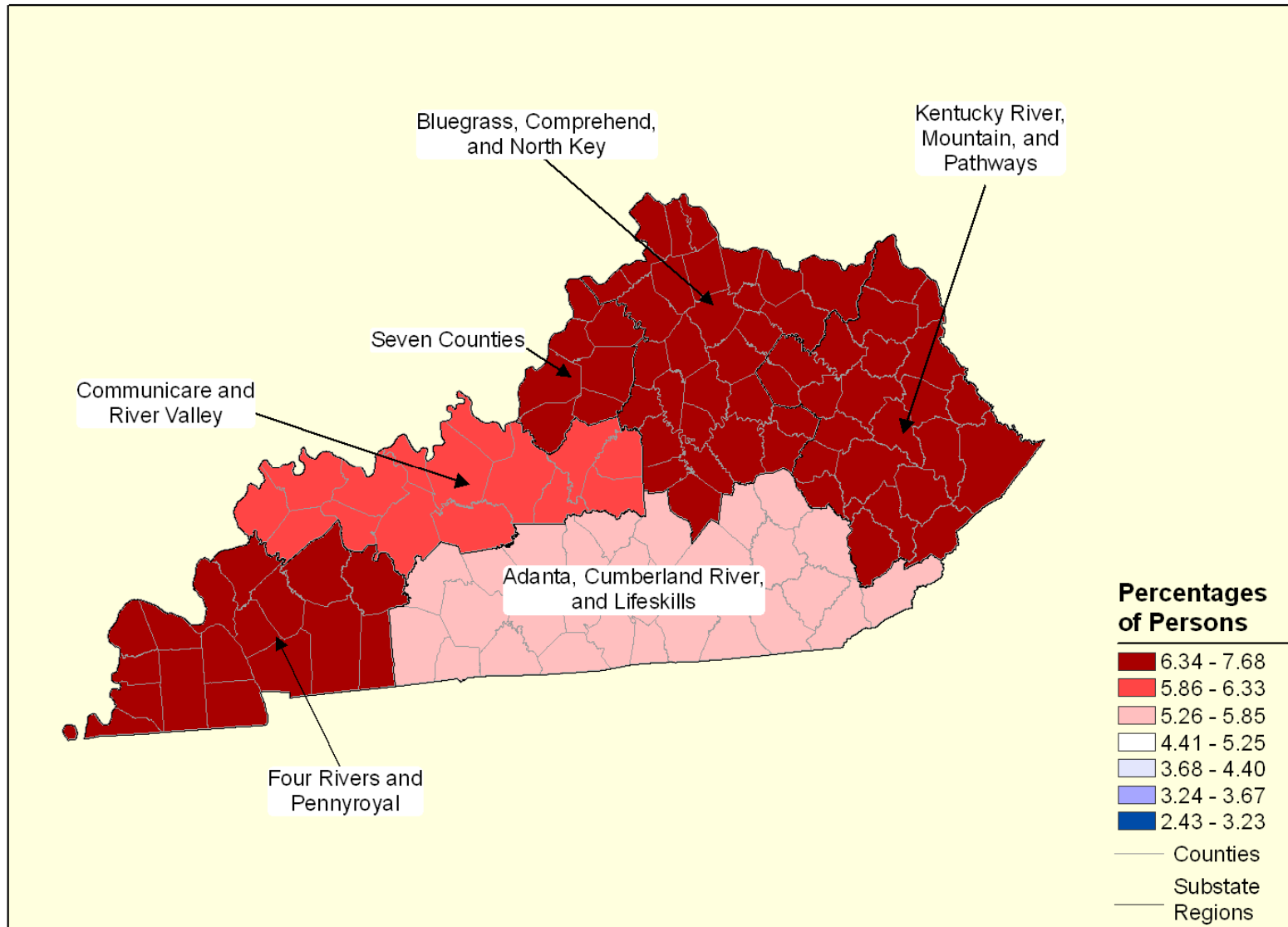
Figure 18.3.2 Cocaine Use in Past Year among Persons Aged 12 or Older in Kentucky, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs



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

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

Figure 18.3.3 Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older in Kentucky, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

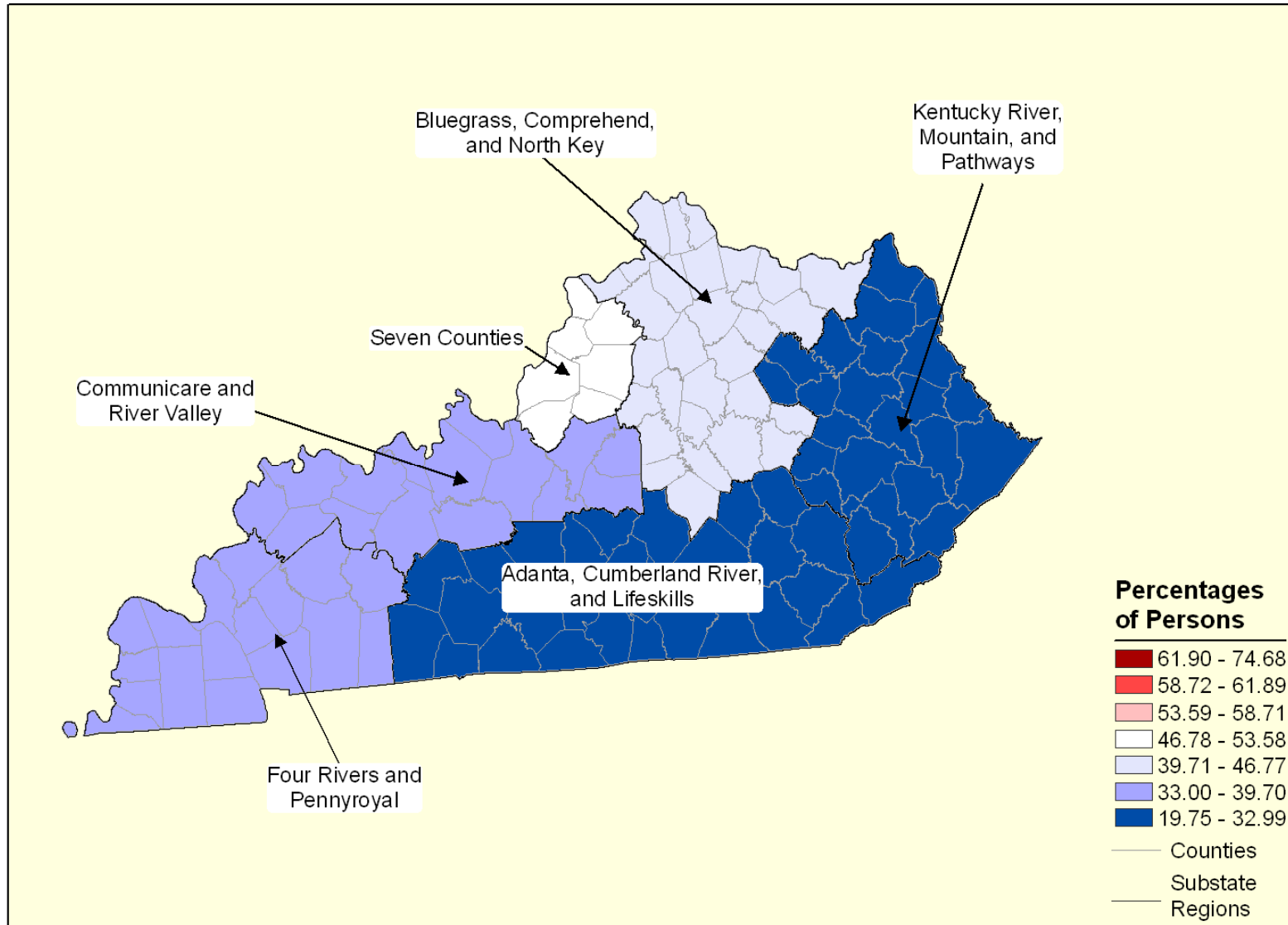


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NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National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

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

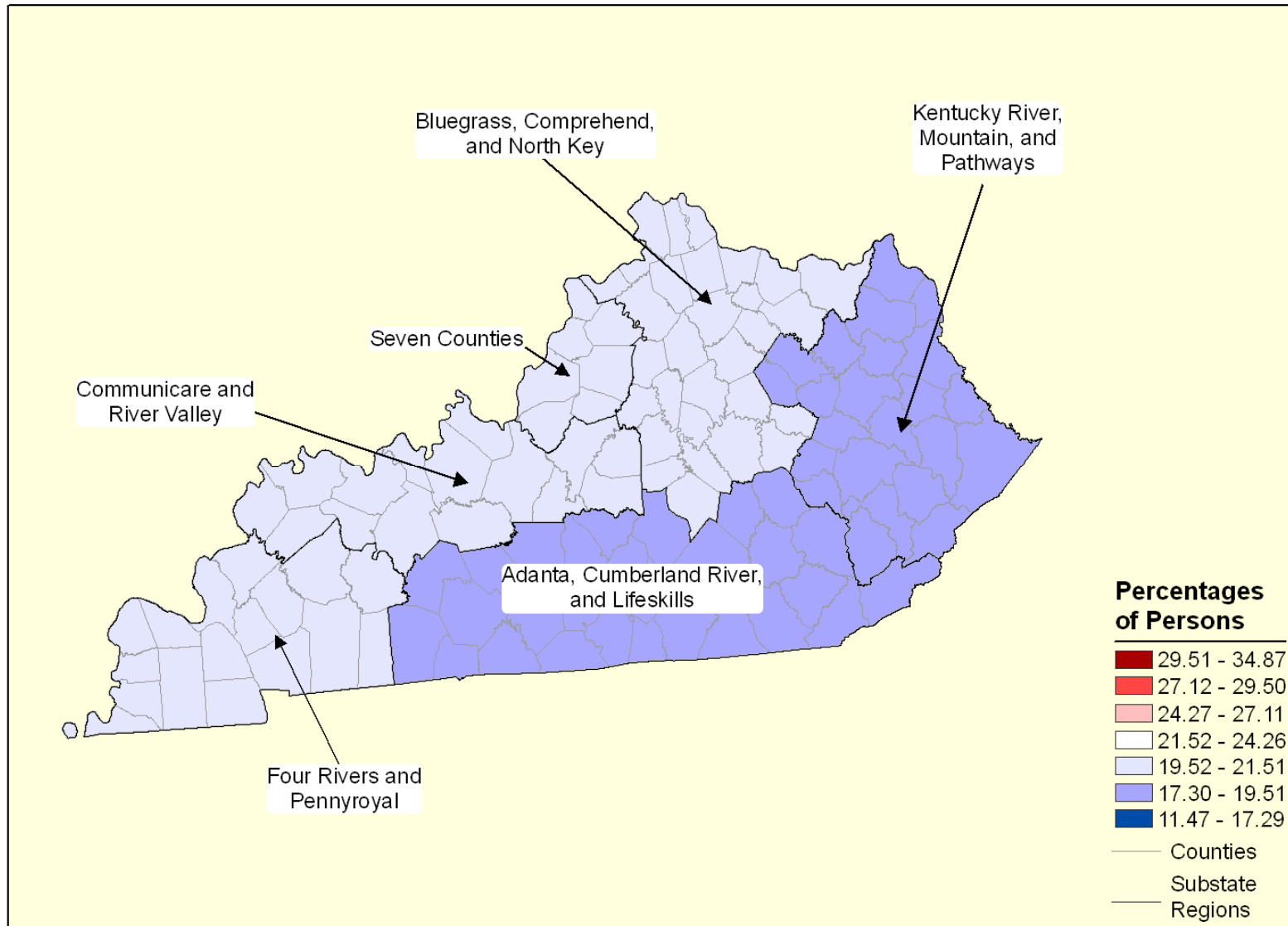
Figure 18.4.1 Alcohol Use in Past Month among Persons Aged 12 or Older in Kentucky, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs



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

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

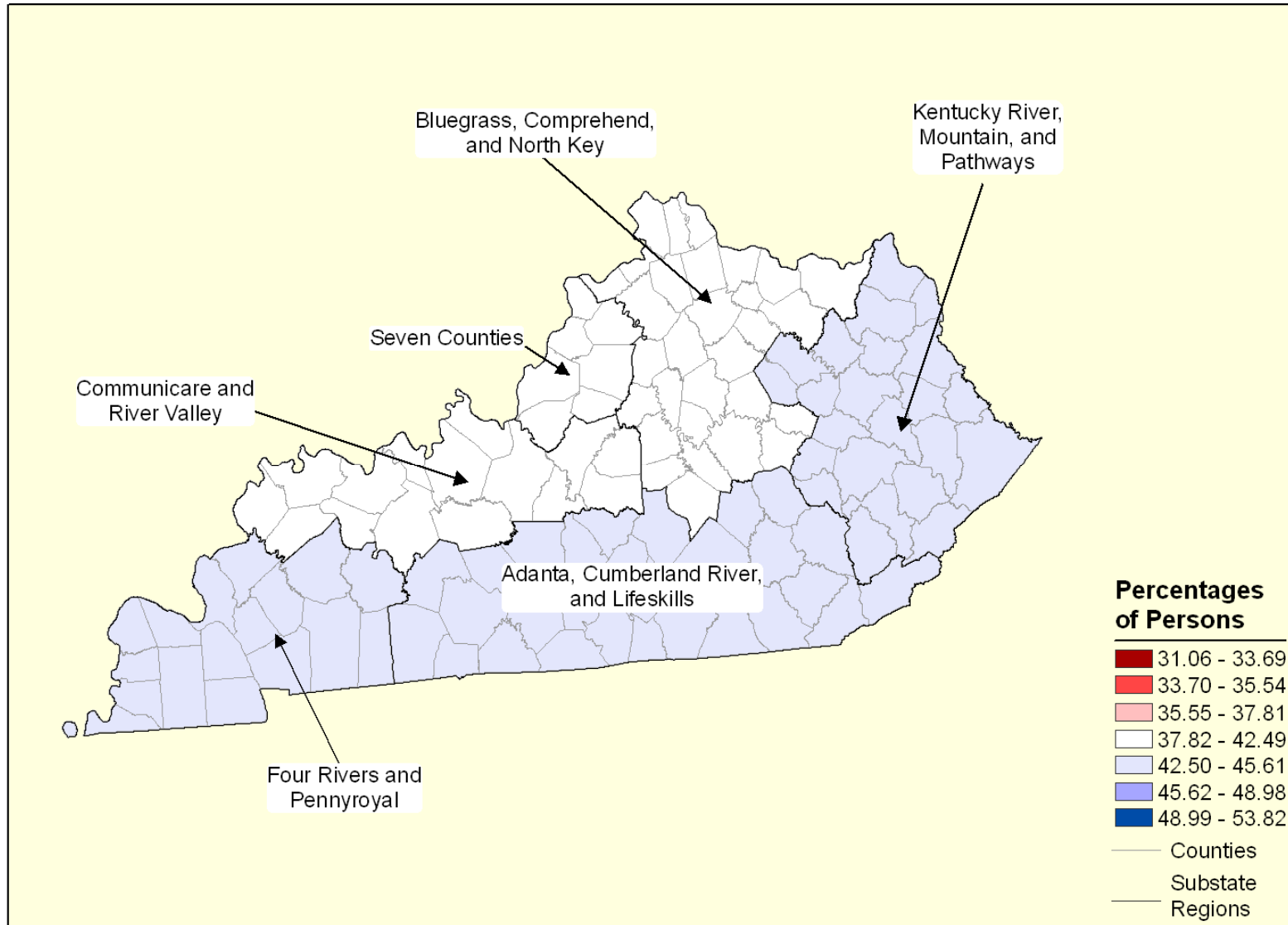
Figure 18.4.2 Binge Alcohol Use in Past Month among Persons Aged 12 or Older in Kentucky, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs



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

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

Figure 18.4.3 *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 Kentucky, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs*



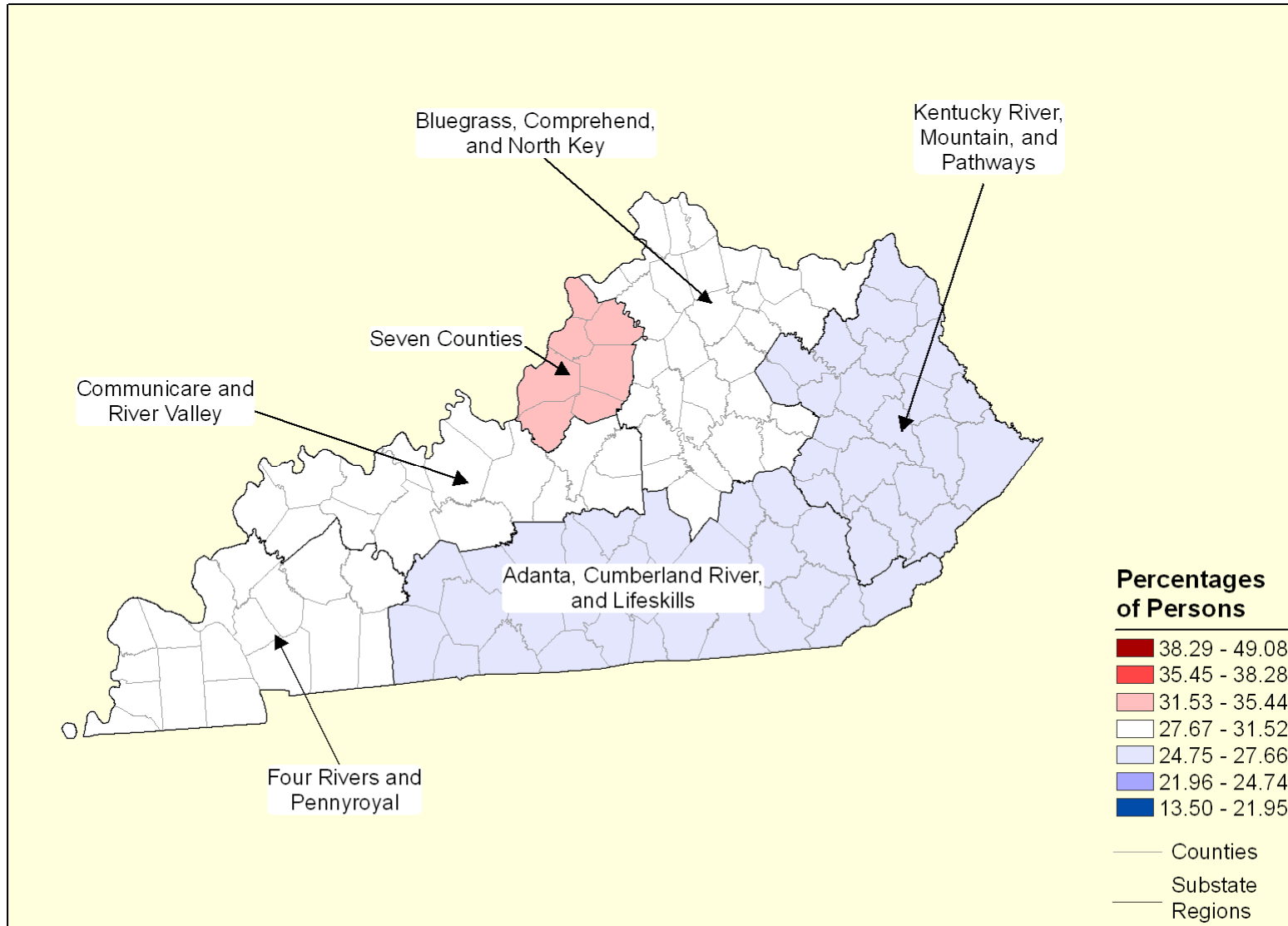
599

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

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

Figure 18.5.1 Alcohol Use in Past Month among Persons Aged 12 to 20 in Kentucky, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

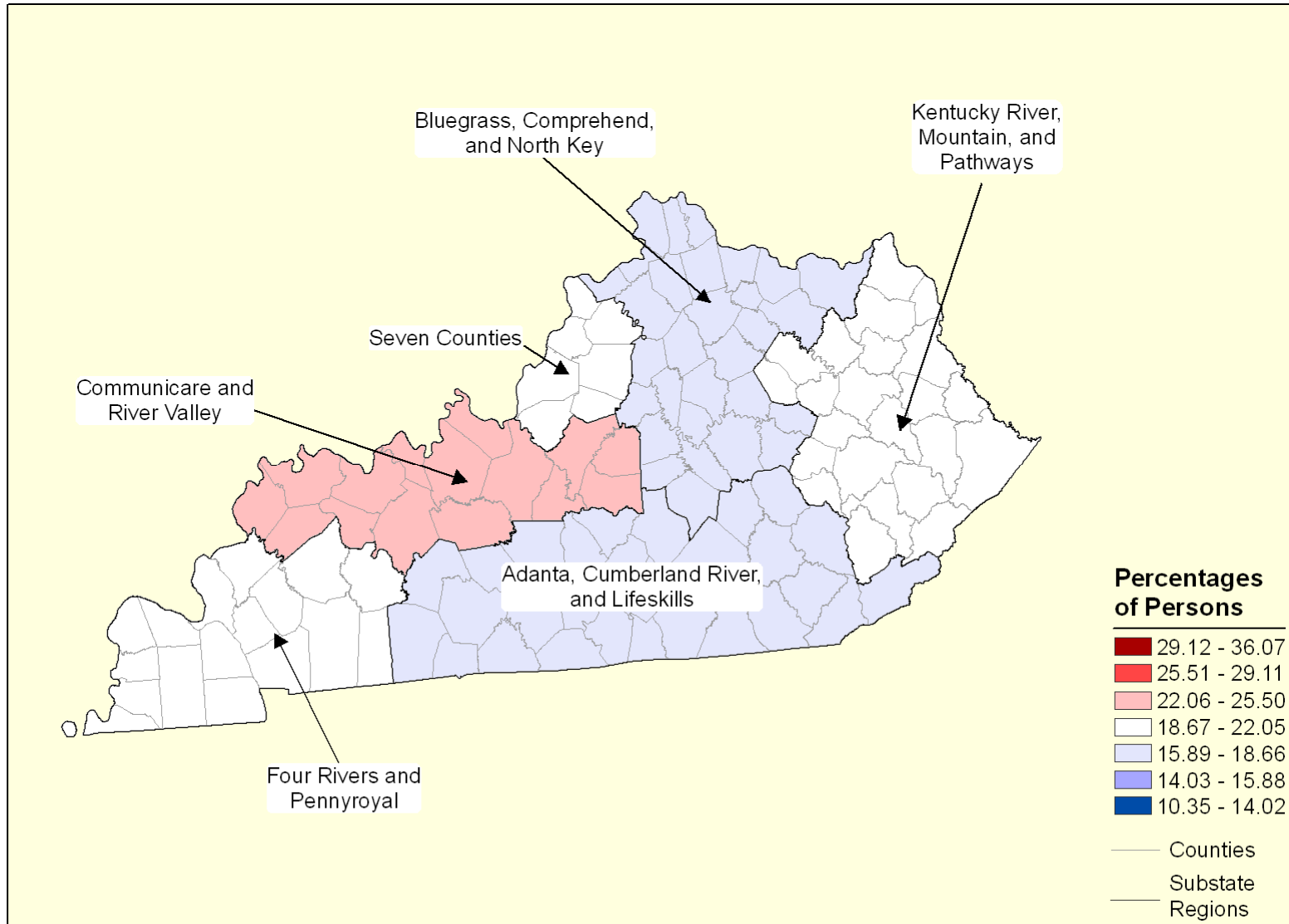
009



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

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

Figure 18.5.2 Binge Alcohol Use in Past Month among Persons Aged 12 to 20 in Kentucky, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

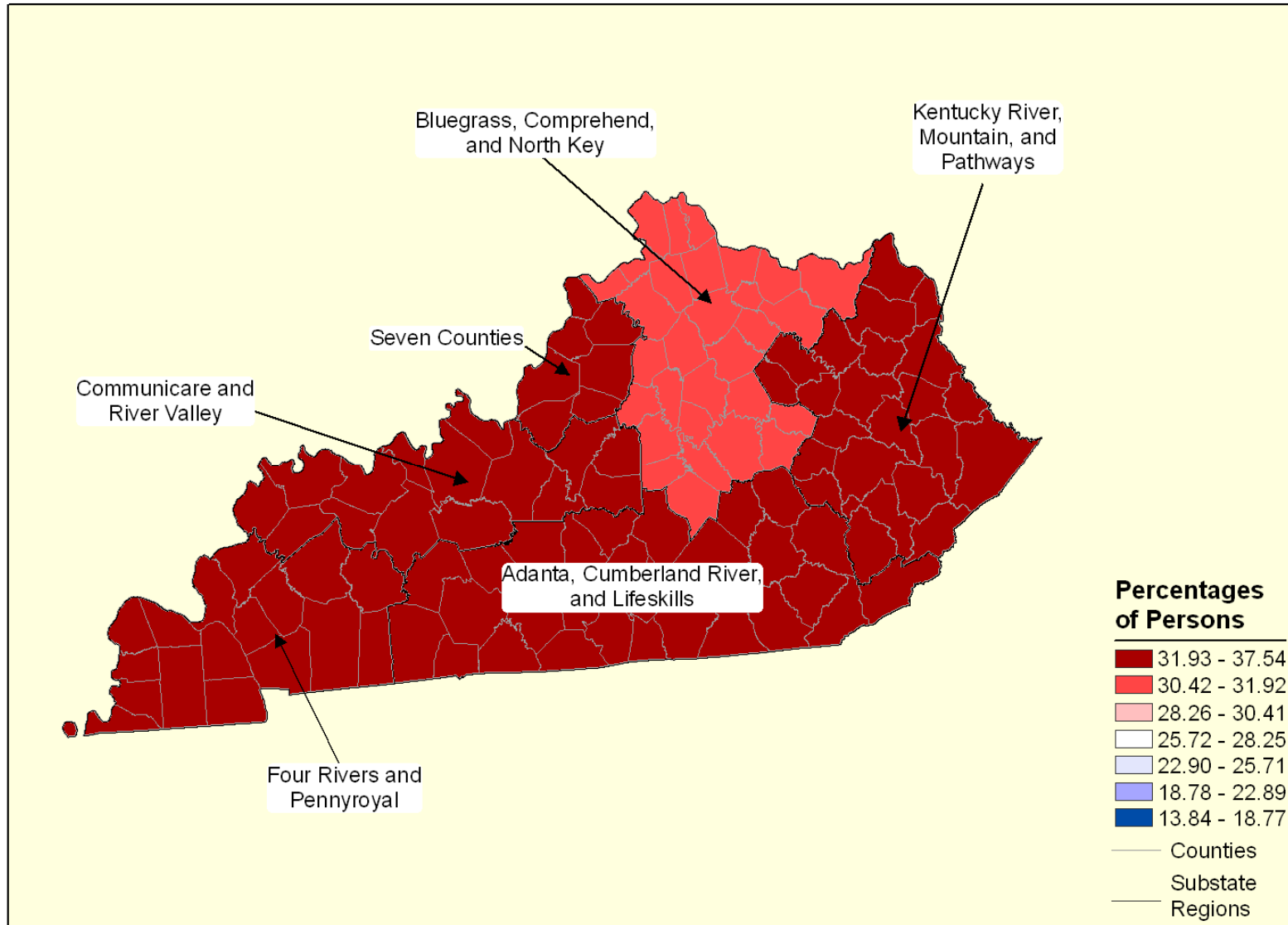


109

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

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

Figure 18.6.1 *Cigarette Use in Past Month* among Persons Aged 12 or Older in Kentucky, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

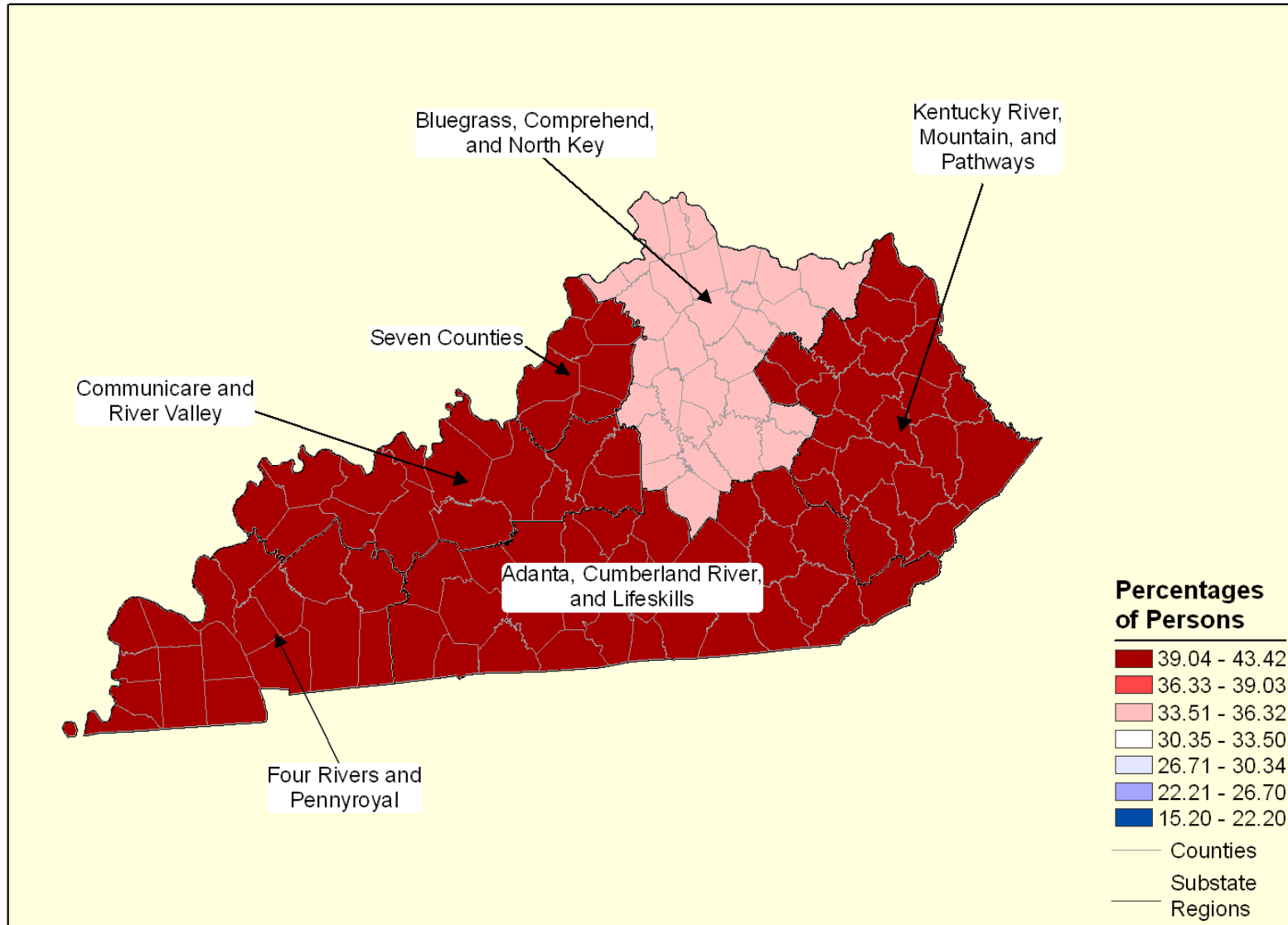


602

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

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

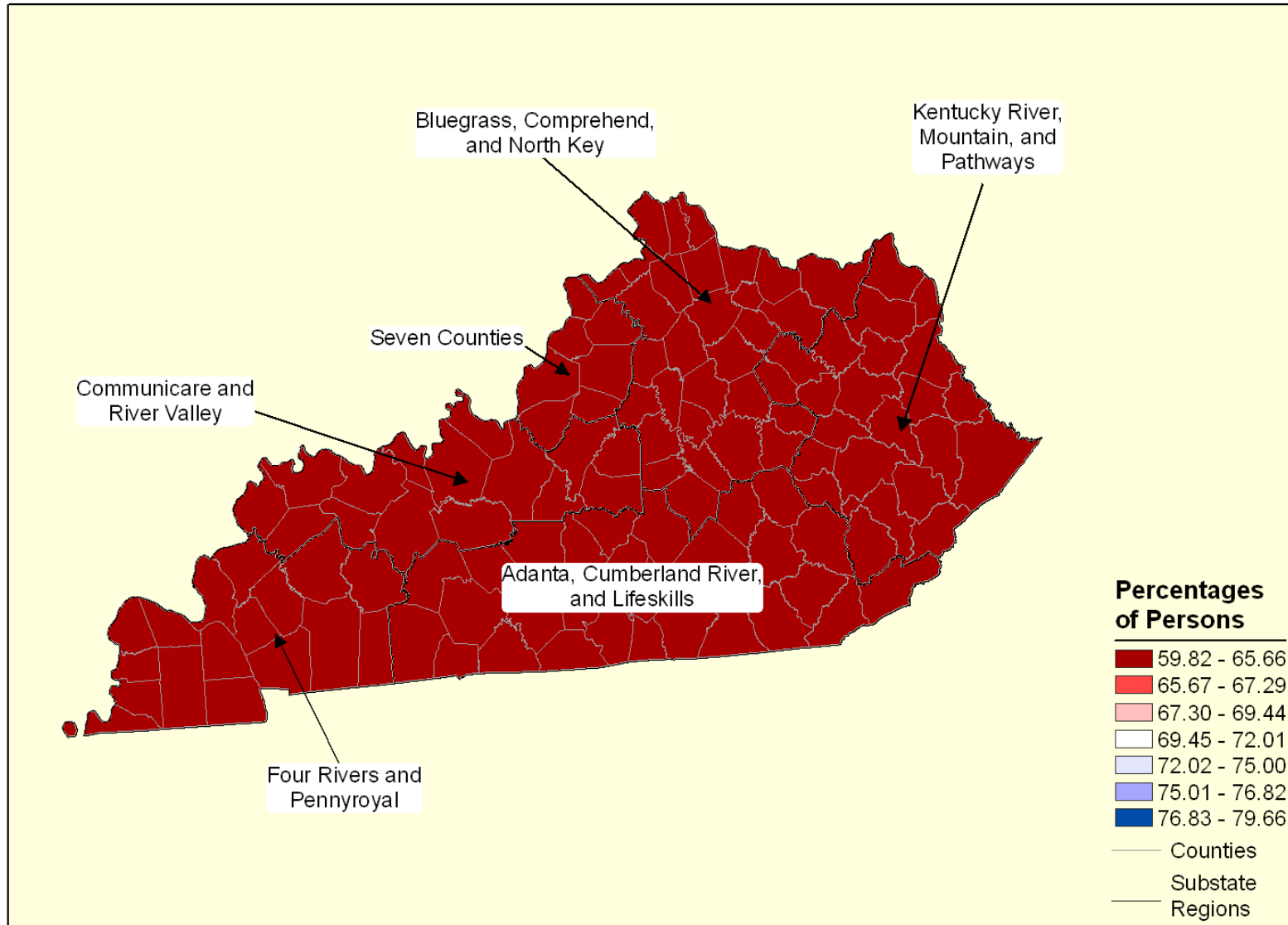
Figure 18.6.2 Any Tobacco Product Use in Past Month among Persons Aged 12 or Older in Kentucky, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs



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

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

Figure 18.6.3 *Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older in Kentucky, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs*

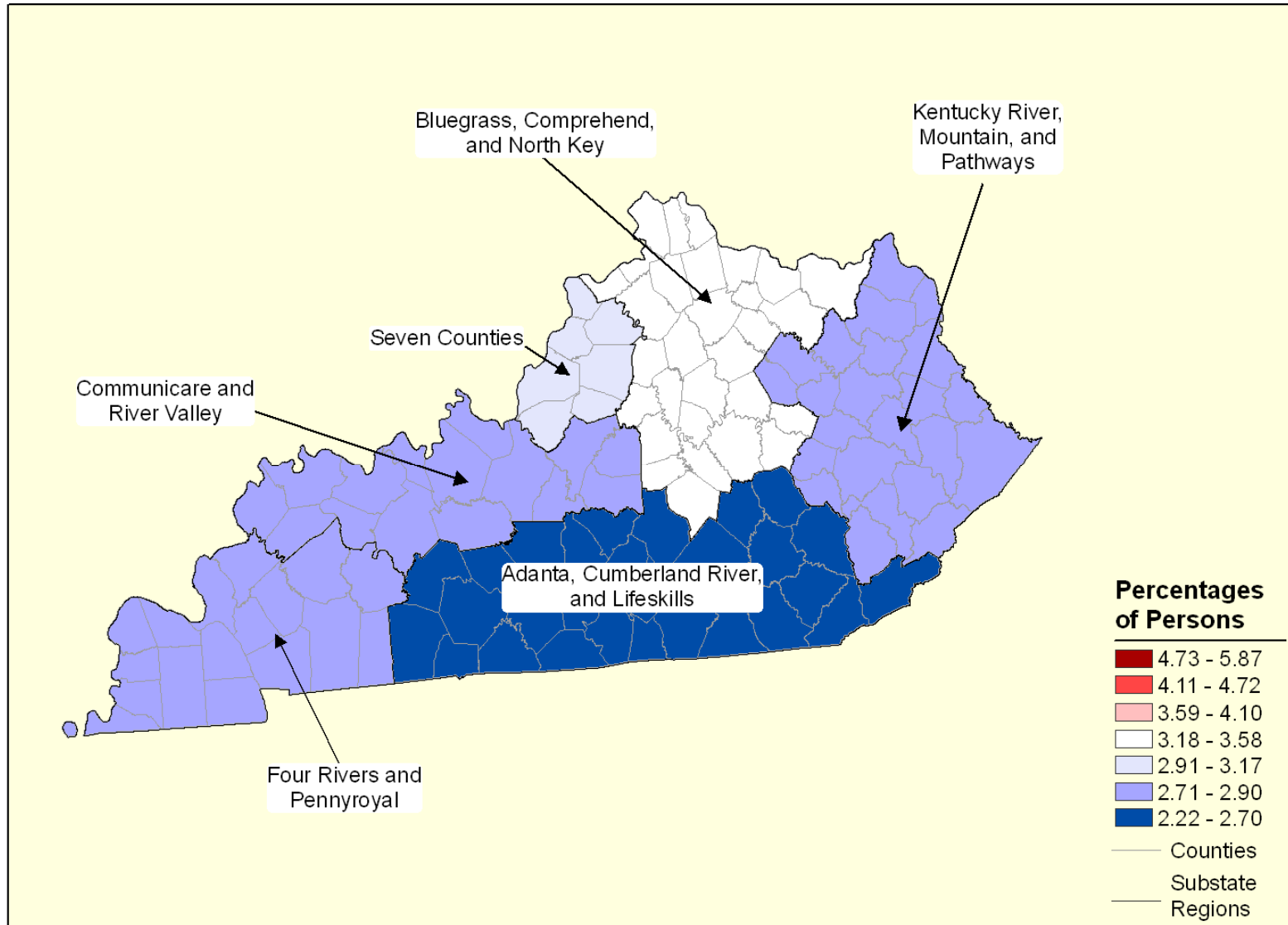


NOTE: The legend's ranges were created by dividing 340 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2002-2004 National Surveys on Drug Use and Health*.

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

Figure 18.7.1 Alcohol Dependence in Past Year among Persons Aged 12 or Older in Kentucky, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

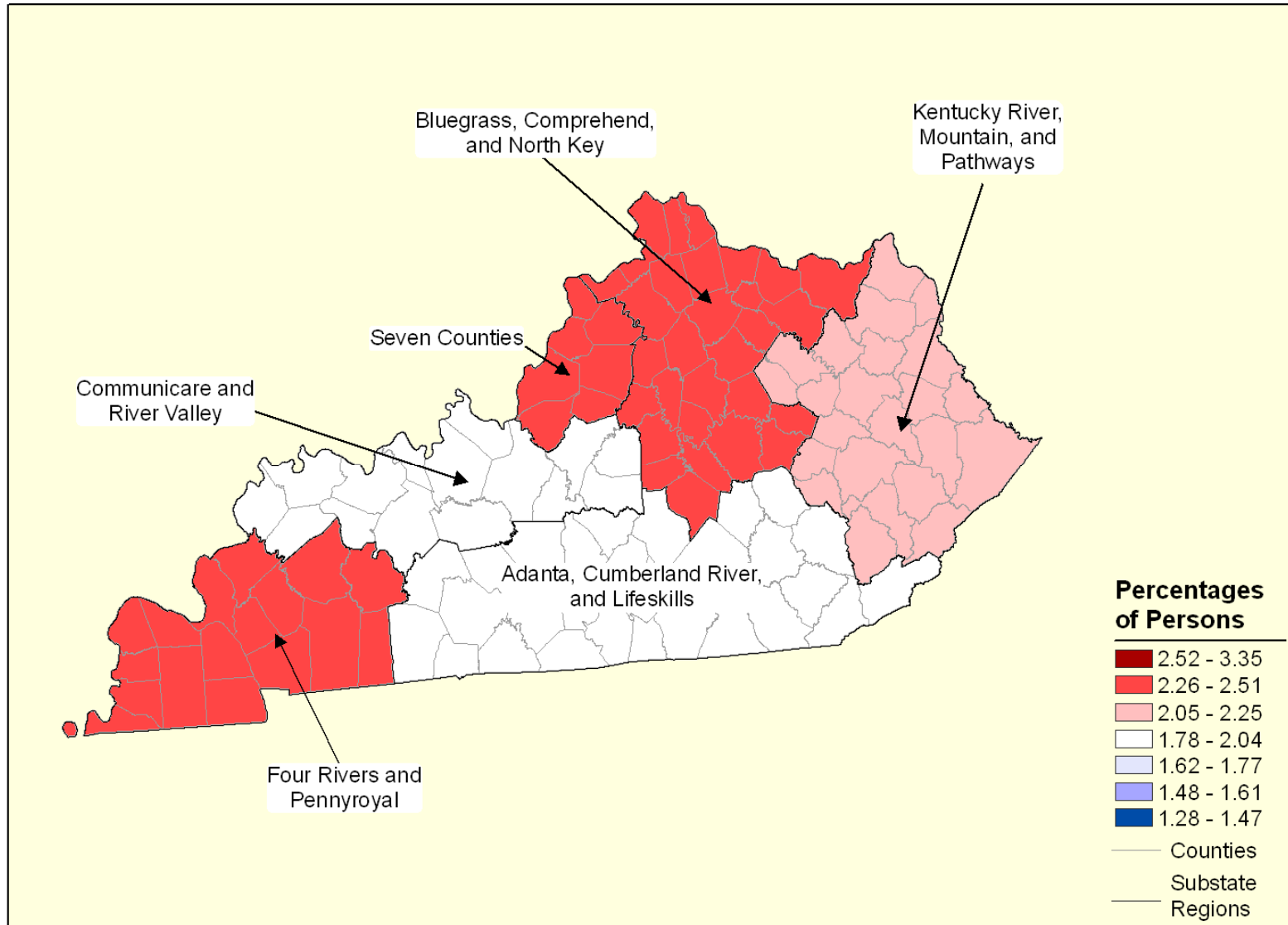
605



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

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

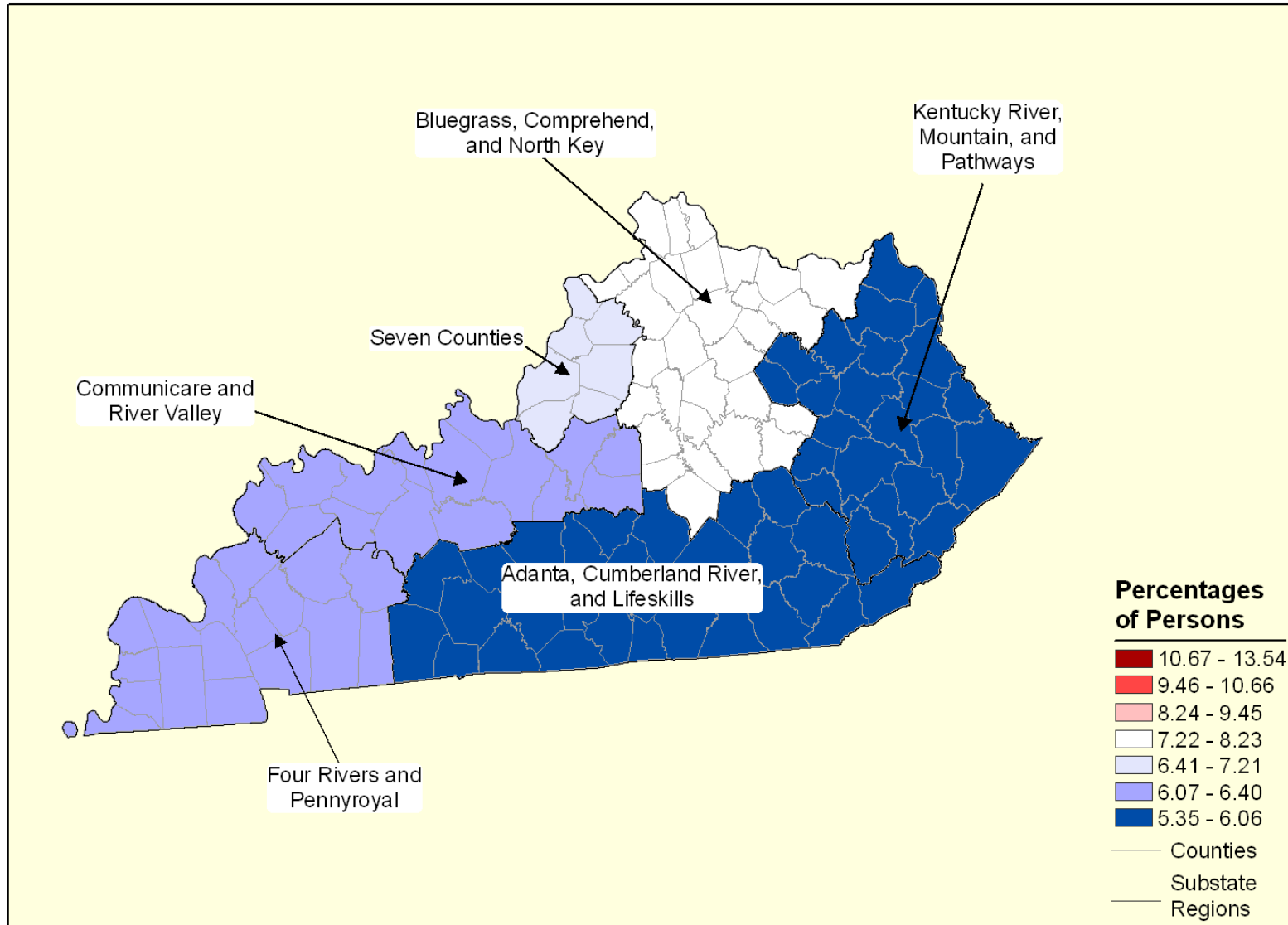
Figure 18.7.2 Any Illicit Drug Dependence in Past Year among Persons Aged 12 or Older in Kentucky, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs



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

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

Figure 18.8.1 Alcohol Dependence or Abuse in Past Year among Persons Aged 12 or Older in Kentucky, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

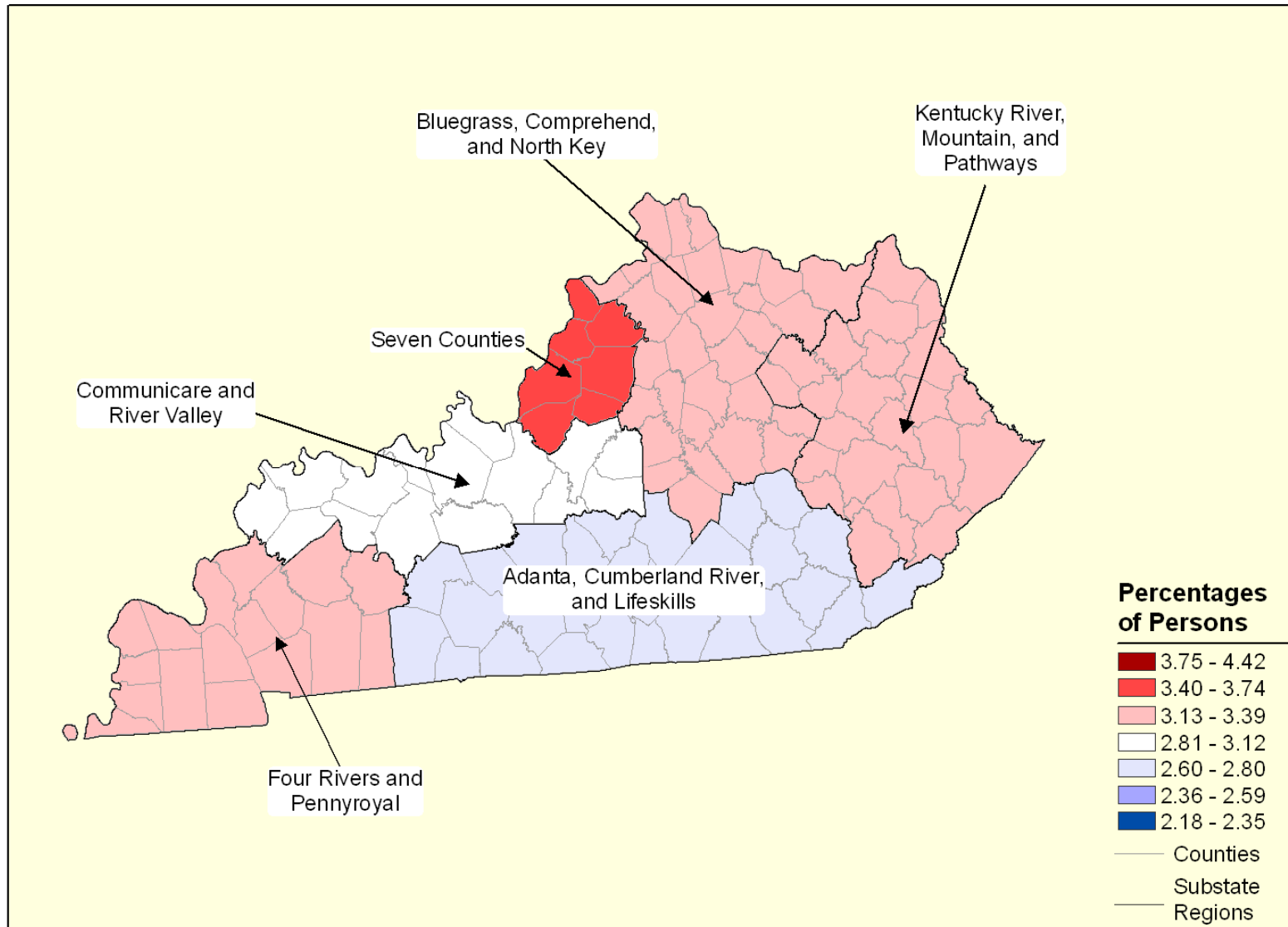


607

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

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

Figure 18.8.2 Any Illicit Drug Dependence or Abuse in Past Year among Persons Aged 12 or Older in Kentucky, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

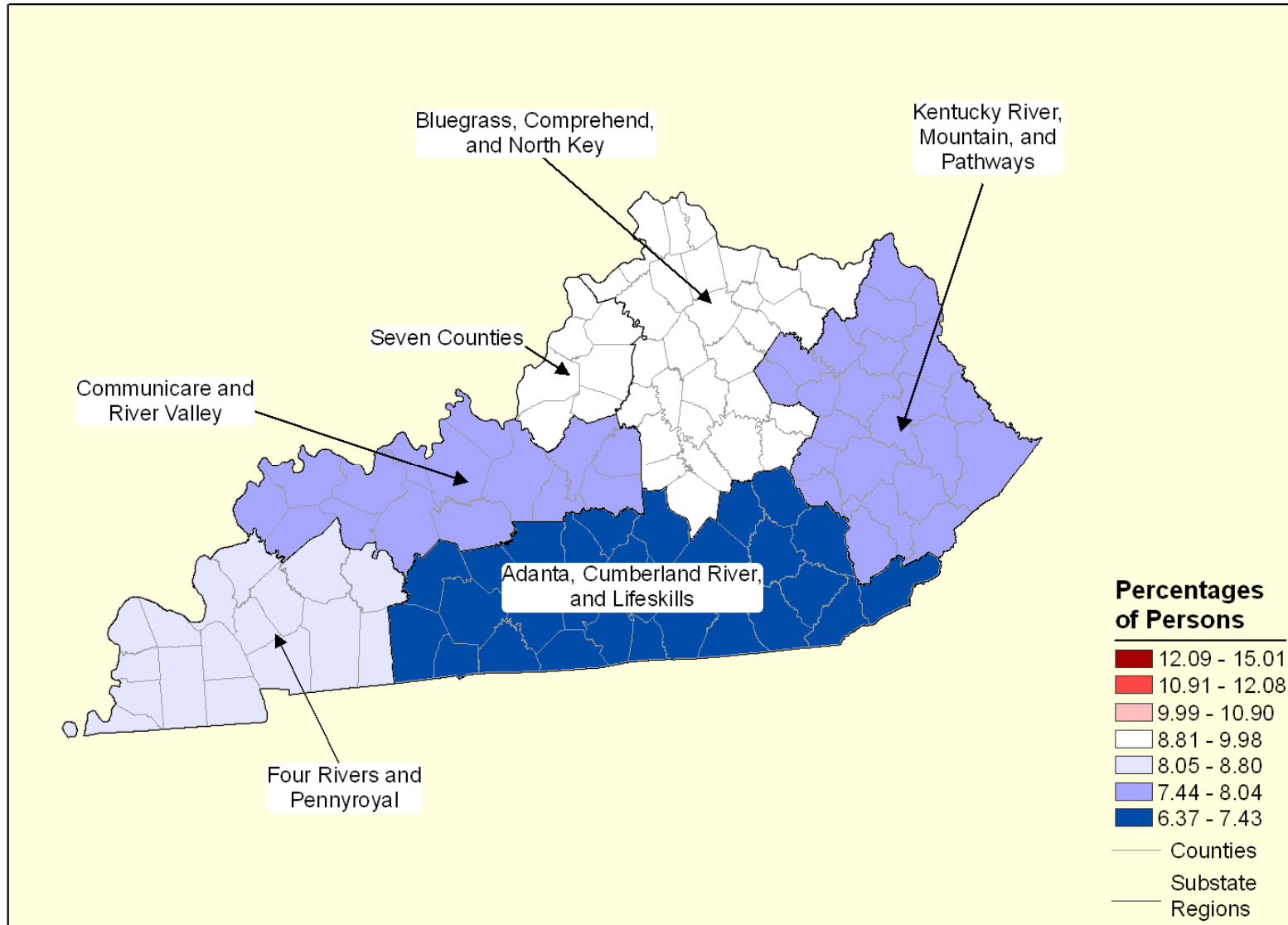


809

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

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

Figure 18.8.3 *Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year among Persons Aged 12 or Older in Kentucky, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs*

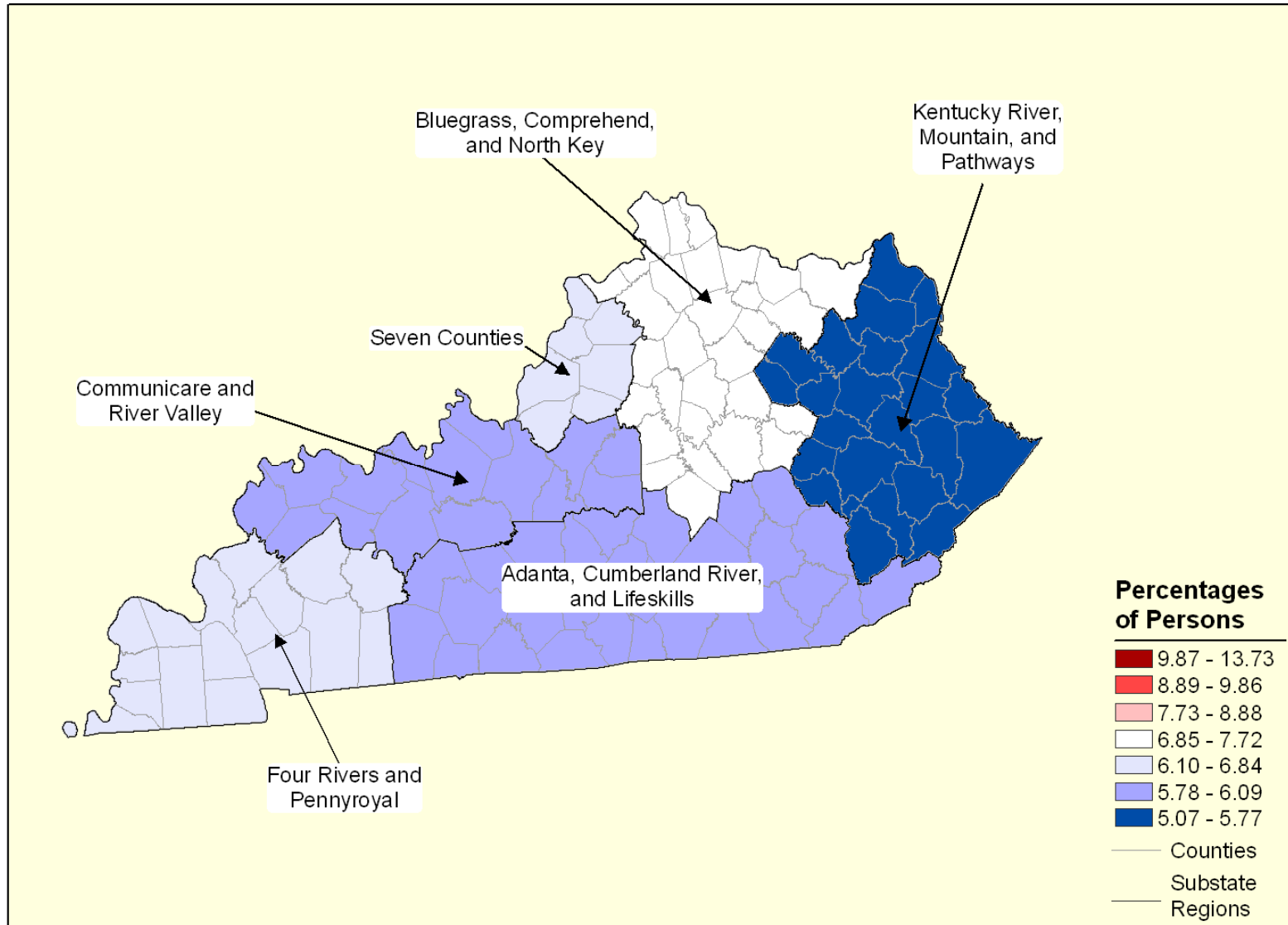


609

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

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

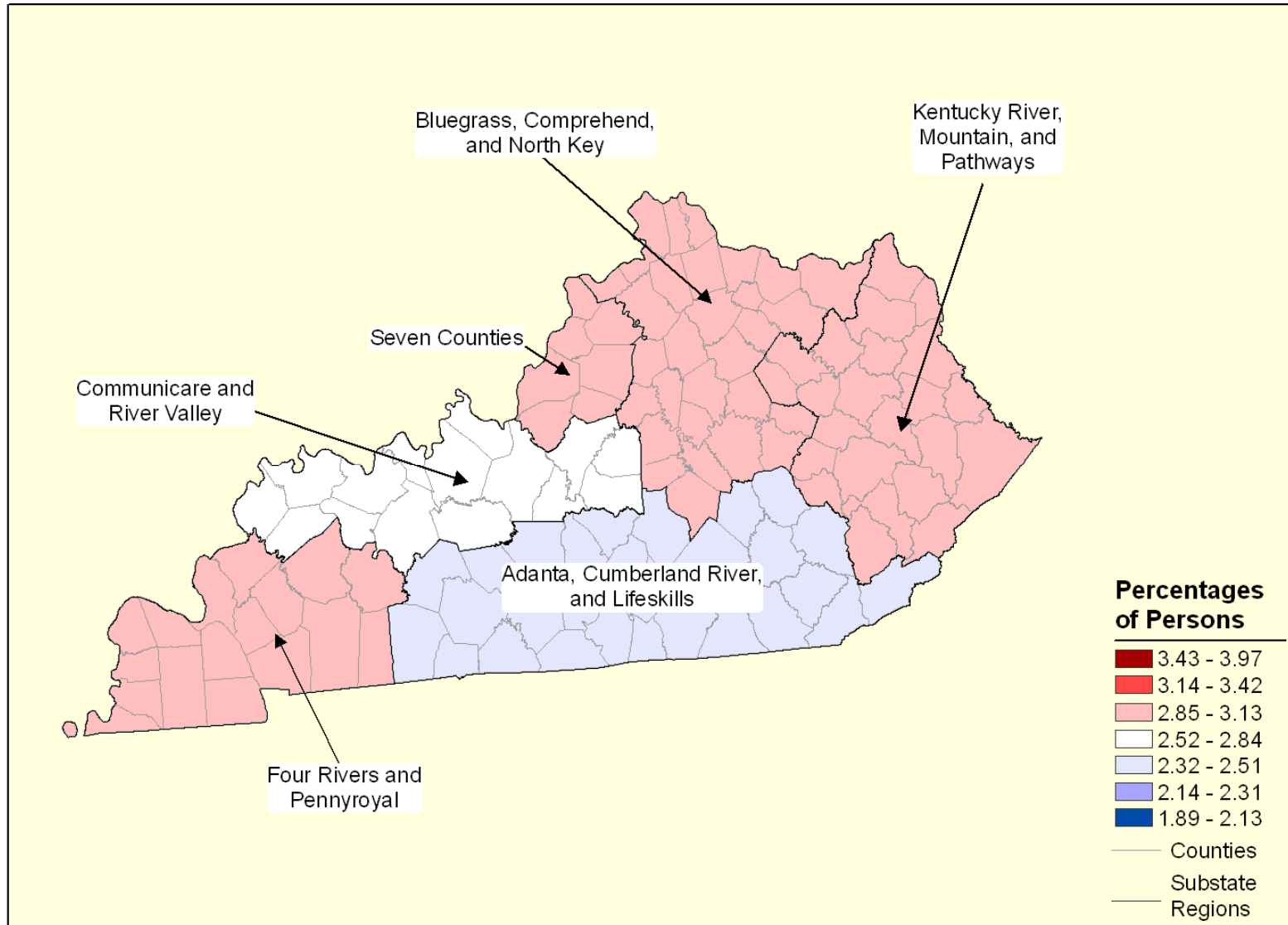
Figure 18.9.1 *Needing But Not Receiving Treatment for Alcohol Use in Past Year among Persons Aged 12 or Older in Kentucky, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs*



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

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

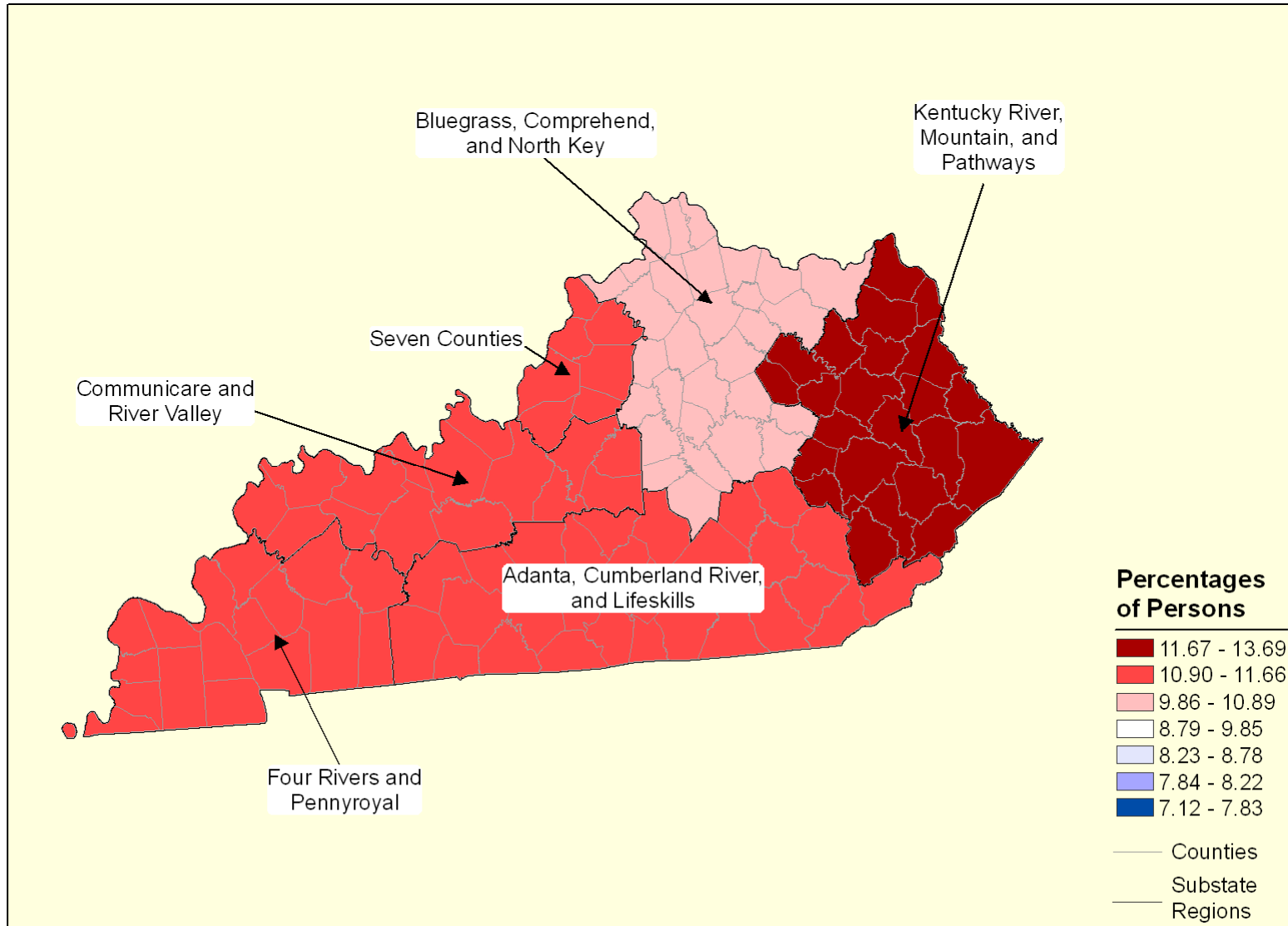
Figure 18.9.2 *Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older in Kentucky, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs*



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

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

Figure 18.10 *Serious Psychological Distress in Past Year among Persons Aged 18 or Older in Kentucky, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs*



612

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

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