Table 44.1 ***Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month*** **in Texas 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
Texas	6.42	(5.90 - 6.97)	3.64	(3.21 - 4.12)
Region 1	7.24	(5.71 - 9.15)	3.85	(2.89 - 5.10)
Region 2	6.67	(5.07 - 8.74)	3.84	(2.83 - 5.18)
Region 3	6.66	(5.81 - 7.61)	3.76	(3.13 - 4.52)
Region 3a	6.61	(5.57 - 7.82)	3.92	(3.13 - 4.89)
Region 3bc	6.74	(5.53 - 8.20)	3.49	(2.70 - 4.49)
Region 4	7.08	(5.57 - 8.96)	3.64	(2.75 - 4.80)
Region 5	6.09	(4.62 - 7.99)	3.52	(2.60 - 4.74)
Region 6	6.27	(5.41 - 7.27)	3.56	(2.89 - 4.36)
Region 6a	6.25	(5.32 - 7.33)	3.55	(2.84 - 4.43)
Region 6bc	6.46	(4.83 - 8.58)	3.64	(2.67 - 4.94)
Region 7	8.24	(7.06 - 9.59)	4.29	(3.51 - 5.23)
Region 7a	8.91	(7.33 - 10.78)	4.47	(3.48 - 5.73)
Region 7bcd	7.17	(5.68 - 9.02)	3.99	(3.04 - 5.21)
Region 8	5.75	(4.64 - 7.10)	3.24	(2.53 - 4.14)
Region 9	5.40	(4.09 - 7.08)	3.40	(2.47 - 4.68)
Region 10	4.53	(3.37 - 6.06)	3.22	(2.33 - 4.43)
Region 11	4.63	(3.77 - 5.68)	3.20	(2.51 - 4.06)
Region 11abd	4.71	(3.66 - 6.05)	3.19	(2.36 - 4.28)
Region 11c (Hidalgo)	4.49	(3.32 - 6.04)	3.21	(2.35 - 4.38)

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 44.2 ***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 Texas 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
Texas	4.27	(3.86 - 4.72)	1.43	(1.31 - 1.56)	44.28	(42.91 - 45.66)
Region 1	5.17	(3.85 - 6.90)	1.70	(1.35 - 2.14)	43.09	(38.44 - 47.87)
Region 2	4.05	(2.83 - 5.76)	1.57	(1.21 - 2.04)	43.47	(38.38 - 48.70)
Region 3	4.43	(3.77 - 5.21)	1.28	(1.12 - 1.47)	41.96	(39.69 - 44.26)
Region 3a	4.38	(3.57 - 5.37)	1.18	(1.00 - 1.40)	42.56	(39.70 - 45.48)
Region 3bc	4.52	(3.53 - 5.76)	1.47	(1.22 - 1.78)	40.91	(37.48 - 44.43)
Region 4	4.56	(3.43 - 6.03)	1.45	(1.15 - 1.81)	44.35	(39.82 - 48.97)
Region 5	3.85	(2.79 - 5.30)	1.33	(1.04 - 1.72)	43.07	(38.36 - 47.91)
Region 6	4.07	(3.38 - 4.89)	1.30	(1.12 - 1.50)	45.45	(42.80 - 48.13)
Region 6a	4.06	(3.33 - 4.95)	1.27	(1.08 - 1.48)	45.67	(42.77 - 48.60)
Region 6bc	4.12	(2.89 - 5.84)	1.55	(1.18 - 2.03)	43.69	(38.49 - 49.02)
Region 7	5.97	(4.98 - 7.14)	2.00	(1.71 - 2.33)	37.64	(34.94 - 40.42)
Region 7a	6.47	(5.12 - 8.16)	2.09	(1.72 - 2.55)	35.16	(31.69 - 38.79)
Region 7bcd	5.16	(4.00 - 6.63)	1.87	(1.52 - 2.31)	41.62	(37.56 - 45.80)
Region 8	3.74	(2.89 - 4.82)	1.54	(1.27 - 1.87)	45.37	(41.75 - 49.03)
Region 9	3.56	(2.48 - 5.07)	1.34	(1.02 - 1.74)	46.75	(41.48 - 52.08)
Region 10	2.95	(2.09 - 4.15)	1.46	(1.14 - 1.86)	53.77	(48.87 - 58.59)
Region 11	2.97	(2.34 - 3.77)	1.32	(1.11 - 1.57)	53.40	(50.09 - 56.68)
Region 11abd	3.04	(2.24 - 4.12)	1.44	(1.17 - 1.78)	53.31	(49.20 - 57.37)
Region 11c (Hidalgo)	2.85	(2.05 - 3.94)	1.10	(0.86 - 1.41)	53.56	(48.82 - 58.24)

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 44.3 ***Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year*** **in Texas 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
Texas	7.82	(7.26 - 8.42)	2.24	(1.92 - 2.61)	4.58	(4.15 - 5.05)
Region 1	9.78	(7.85 - 12.11)	2.57	(1.84 - 3.57)	5.83	(4.56 - 7.42)
Region 2	9.06	(7.03 - 11.60)	2.30	(1.60 - 3.30)	4.69	(3.57 - 6.15)
Region 3	7.67	(6.78 - 8.67)	2.06	(1.65 - 2.56)	4.56	(3.92 - 5.30)
Region 3a	7.21	(6.14 - 8.44)	2.25	(1.74 - 2.91)	4.62	(3.83 - 5.57)
Region 3bc	8.49	(7.15 - 10.06)	1.71	(1.23 - 2.37)	4.45	(3.58 - 5.51)
Region 4	7.39	(5.79 - 9.40)	1.90	(1.33 - 2.70)	4.74	(3.73 - 6.01)
Region 5	7.36	(5.68 - 9.48)	2.11	(1.47 - 3.00)	4.84	(3.74 - 6.25)
Region 6	7.23	(6.32 - 8.25)	2.27	(1.78 - 2.89)	4.51	(3.79 - 5.36)
Region 6a	7.09	(6.13 - 8.20)	2.26	(1.74 - 2.93)	4.52	(3.76 - 5.44)
Region 6bc	8.32	(6.32 - 10.87)	2.33	(1.63 - 3.32)	4.40	(3.37 - 5.73)
Region 7	10.99	(9.62 - 12.54)	2.60	(2.04 - 3.32)	5.42	(4.61 - 6.37)
Region 7a	11.96	(10.13 - 14.07)	2.79	(2.06 - 3.75)	5.70	(4.65 - 6.97)
Region 7bcd	9.44	(7.60 - 11.67)	2.30	(1.66 - 3.19)	4.98	(3.91 - 6.33)
Region 8	7.49	(6.22 - 9.00)	2.12	(1.55 - 2.88)	4.24	(3.38 - 5.30)
Region 9	6.82	(5.19 - 8.91)	2.01	(1.40 - 2.88)	4.66	(3.57 - 6.05)
Region 10	5.81	(4.43 - 7.59)	2.22	(1.55 - 3.18)	3.72	(2.79 - 4.94)
Region 11	6.31	(5.26 - 7.56)	2.61	(1.97 - 3.44)	3.62	(2.91 - 4.50)
Region 11abd	6.64	(5.30 - 8.28)	2.70	(1.92 - 3.79)	3.52	(2.68 - 4.62)
Region 11c (Hidalgo)	5.70	(4.37 - 7.41)	2.42	(1.68 - 3.48)	3.80	(2.84 - 5.08)

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 44.4 ***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 Texas 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
Texas	47.70	(46.33 - 49.06)	23.33	(22.24 - 24.45)	44.34	(42.99 - 45.69)
Region 1	49.00	(43.73 - 54.28)	27.62	(24.17 - 31.35)	41.61	(37.94 - 45.38)
Region 2	50.30	(44.34 - 56.26)	25.44	(21.60 - 29.70)	41.35	(37.14 - 45.69)
Region 3	48.29	(46.04 - 50.55)	21.29	(19.70 - 22.97)	44.10	(42.11 - 46.10)
Region 3a	47.89	(45.04 - 50.75)	20.46	(18.47 - 22.60)	44.86	(42.47 - 47.27)
Region 3bc	49.00	(45.44 - 52.57)	22.74	(20.30 - 25.37)	42.76	(39.88 - 45.69)
Region 4	40.19	(35.49 - 45.08)	19.29	(16.45 - 22.50)	41.70	(38.20 - 45.27)
Region 5	42.19	(37.14 - 47.41)	20.69	(17.54 - 24.24)	44.75	(40.77 - 48.79)
Region 6	48.39	(45.63 - 51.15)	23.90	(21.98 - 25.93)	44.98	(42.69 - 47.29)
Region 6a	48.11	(45.15 - 51.08)	23.86	(21.78 - 26.08)	45.27	(42.79 - 47.78)
Region 6bc	50.66	(44.59 - 56.71)	24.19	(20.58 - 28.20)	42.58	(38.56 - 46.70)
Region 7	55.28	(52.34 - 58.19)	25.87	(23.67 - 28.20)	40.81	(38.32 - 43.35)
Region 7a	59.01	(55.39 - 62.54)	26.26	(23.46 - 29.26)	40.54	(37.40 - 43.75)
Region 7bcd	49.31	(44.58 - 54.05)	25.25	(22.11 - 28.68)	41.25	(37.62 - 44.98)
Region 8	50.07	(46.39 - 53.76)	25.40	(22.69 - 28.31)	44.07	(40.91 - 47.28)
Region 9	39.71	(34.00 - 45.72)	22.24	(18.81 - 26.11)	43.03	(38.78 - 47.39)
Region 10	42.62	(37.05 - 48.39)	23.94	(20.28 - 28.02)	50.96	(46.66 - 55.24)
Region 11	39.40	(35.80 - 43.13)	23.23	(20.84 - 25.81)	49.76	(46.87 - 52.66)
Region 11abd	41.08	(36.42 - 45.91)	23.48	(20.52 - 26.72)	49.48	(45.87 - 53.09)
Region 11c (Hidalgo)	36.21	(31.52 - 41.18)	22.76	(19.43 - 26.47)	50.30	(46.42 - 54.18)

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 44.5 ***Alcohol Use in Past Month and Binge Alcohol Use in Past Month*** **in Texas 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
Texas	25.48	(24.29 - 26.70)	16.53	(15.51 - 17.61)
Region 1	32.34	(28.02 - 36.99)	24.00	(19.97 - 28.57)
Region 2	32.10	(27.21 - 37.42)	22.28	(17.80 - 27.51)
Region 3	23.17	(21.34 - 25.09)	14.26	(12.70 - 15.97)
Region 3a	21.99	(19.75 - 24.42)	12.45	(10.66 - 14.49)
Region 3bc	25.19	(22.36 - 28.25)	17.39	(14.77 - 20.36)
Region 4	23.82	(20.19 - 27.89)	15.50	(12.34 - 19.29)
Region 5	24.40	(20.63 - 28.61)	15.00	(12.00 - 18.58)
Region 6	23.99	(21.95 - 26.15)	15.63	(13.89 - 17.55)
Region 6a	23.73	(21.54 - 26.07)	15.50	(13.64 - 17.57)
Region 6bc	26.18	(21.91 - 30.94)	16.72	(13.18 - 20.97)
Region 7	31.32	(28.62 - 34.15)	19.76	(17.32 - 22.45)
Region 7a	30.78	(27.27 - 34.52)	18.87	(15.83 - 22.34)
Region 7bcd	32.03	(28.16 - 36.17)	20.93	(17.42 - 24.92)
Region 8	27.62	(24.28 - 31.23)	17.98	(15.10 - 21.28)
Region 9	24.21	(20.17 - 28.77)	16.96	(13.46 - 21.14)
Region 10	25.69	(21.67 - 30.17)	17.01	(13.66 - 20.99)
Region 11	23.04	(20.45 - 25.86)	15.82	(13.55 - 18.39)
Region 11abd	23.49	(20.12 - 27.22)	16.47	(13.55 - 19.87)
Region 11c (Hidalgo)	22.27	(18.76 - 26.23)	14.70	(11.67 - 18.35)

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 44.6 ***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 Texas 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
Texas	24.55	(23.42 - 25.71)	29.08	(27.90 - 30.27)	73.34	(72.06 - 74.59)
Region 1	28.77	(24.93 - 32.94)	35.17	(31.19 - 39.36)	71.00	(67.60 - 74.18)
Region 2	30.17	(26.23 - 34.43)	36.30	(32.04 - 40.78)	69.70	(65.85 - 73.29)
Region 3	23.98	(22.27 - 25.78)	29.13	(27.30 - 31.03)	72.89	(70.94 - 74.76)
Region 3a	22.69	(20.56 - 24.97)	27.34	(25.04 - 29.77)	74.38	(72.02 - 76.61)
Region 3bc	26.24	(23.71 - 28.95)	32.26	(29.55 - 35.09)	70.30	(67.37 - 73.07)
Region 4	29.32	(25.68 - 33.24)	35.04	(31.35 - 38.90)	68.49	(64.95 - 71.83)
Region 5	28.46	(24.86 - 32.36)	35.38	(31.39 - 39.58)	70.10	(66.47 - 73.49)
Region 6	23.26	(21.22 - 25.43)	26.99	(24.87 - 29.22)	75.02	(72.85 - 77.07)
Region 6a	22.94	(20.78 - 25.26)	26.48	(24.22 - 28.87)	75.27	(72.91 - 77.49)
Region 6bc	25.80	(21.97 - 30.04)	31.10	(26.88 - 35.65)	72.96	(69.48 - 76.18)
Region 7	25.19	(23.10 - 27.40)	29.82	(27.48 - 32.27)	73.32	(71.13 - 75.41)
Region 7a	23.14	(20.55 - 25.94)	27.15	(24.35 - 30.14)	74.62	(71.94 - 77.13)
Region 7bcd	28.48	(25.17 - 32.02)	34.10	(30.58 - 37.81)	71.24	(67.96 - 74.31)
Region 8	23.82	(21.27 - 26.57)	28.14	(25.37 - 31.08)	74.21	(71.43 - 76.81)
Region 9	24.43	(20.74 - 28.54)	29.29	(25.35 - 33.58)	71.60	(68.05 - 74.90)
Region 10	21.61	(18.32 - 25.32)	24.23	(20.81 - 28.01)	76.22	(73.00 - 79.16)
Region 11	23.65	(21.30 - 26.18)	26.33	(23.81 - 29.01)	74.37	(71.88 - 76.70)
Region 11abd	24.91	(21.90 - 28.18)	27.78	(24.52 - 31.28)	74.34	(71.31 - 77.16)
Region 11c (Hidalgo)	21.27	(18.11 - 24.81)	23.59	(20.36 - 27.15)	74.41	(71.09 - 77.47)

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 44.7 ***Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year*** **in Texas 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
Texas	3.19	(2.81 - 3.62)	1.90	(1.64 - 2.20)
Region 1	3.62	(2.73 - 4.80)	2.39	(1.63 - 3.51)
Region 2	3.14	(2.30 - 4.26)	1.78	(1.17 - 2.70)
Region 3	2.95	(2.43 - 3.59)	1.96	(1.56 - 2.45)
Region 3a	3.02	(2.37 - 3.84)	1.94	(1.46 - 2.57)
Region 3bc	2.83	(2.18 - 3.66)	1.99	(1.41 - 2.80)
Region 4	2.94	(2.22 - 3.87)	1.77	(1.19 - 2.62)
Region 5	3.25	(2.40 - 4.38)	1.80	(1.17 - 2.77)
Region 6	3.19	(2.58 - 3.93)	1.85	(1.43 - 2.39)
Region 6a	3.19	(2.54 - 4.00)	1.81	(1.36 - 2.40)
Region 6bc	3.17	(2.34 - 4.30)	2.19	(1.44 - 3.33)
Region 7	3.92	(3.20 - 4.78)	1.96	(1.50 - 2.57)
Region 7a	4.17	(3.23 - 5.35)	1.78	(1.25 - 2.53)
Region 7bcd	3.51	(2.71 - 4.55)	2.26	(1.54 - 3.28)
Region 8	3.18	(2.44 - 4.13)	1.85	(1.29 - 2.64)
Region 9	3.00	(2.20 - 4.08)	1.82	(1.19 - 2.79)
Region 10	3.06	(2.27 - 4.12)	1.73	(1.15 - 2.61)
Region 11	3.07	(2.41 - 3.88)	1.85	(1.35 - 2.53)
Region 11abd	3.12	(2.32 - 4.18)	1.84	(1.25 - 2.72)
Region 11c (Hidalgo)	2.96	(2.17 - 4.03)	1.85	(1.19 - 2.86)

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 44.8 ***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 Texas 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
Texas	7.16	(6.59 - 7.77)	2.78	(2.47 - 3.13)	8.69	(8.06 - 9.36)
Region 1	8.62	(6.94 - 10.67)	3.21	(2.27 - 4.52)	10.15	(8.14 - 12.58)
Region 2	7.54	(5.97 - 9.49)	2.75	(1.87 - 4.04)	9.34	(7.23 - 12.00)
Region 3	6.59	(5.78 - 7.51)	2.78	(2.30 - 3.36)	8.24	(7.27 - 9.31)
Region 3a	6.73	(5.71 - 7.91)	2.86	(2.26 - 3.62)	8.48	(7.28 - 9.84)
Region 3bc	6.36	(5.29 - 7.62)	2.65	(1.98 - 3.52)	7.82	(6.52 - 9.34)
Region 4	6.50	(5.17 - 8.14)	2.60	(1.82 - 3.69)	7.87	(6.24 - 9.87)
Region 5	7.47	(5.95 - 9.34)	2.31	(1.54 - 3.46)	8.65	(6.85 - 10.87)
Region 6	7.14	(6.15 - 8.28)	2.81	(2.26 - 3.47)	8.67	(7.56 - 9.93)
Region 6a	7.11	(6.05 - 8.34)	2.74	(2.16 - 3.47)	8.61	(7.41 - 9.99)
Region 6bc	7.38	(5.72 - 9.47)	3.31	(2.28 - 4.77)	9.13	(7.20 - 11.53)
Region 7	8.75	(7.57 - 10.11)	2.87	(2.28 - 3.60)	10.32	(8.99 - 11.82)
Region 7a	9.14	(7.66 - 10.87)	2.68	(1.98 - 3.61)	10.63	(8.89 - 12.67)
Region 7bcd	8.14	(6.57 - 10.05)	3.17	(2.29 - 4.38)	9.82	(8.00 - 12.01)
Region 8	6.88	(5.67 - 8.33)	2.55	(1.88 - 3.44)	8.22	(6.76 - 9.97)
Region 9	7.35	(5.82 - 9.24)	2.47	(1.66 - 3.66)	8.64	(6.65 - 11.15)
Region 10	6.82	(5.34 - 8.66)	2.85	(1.95 - 4.14)	8.39	(6.53 - 10.71)
Region 11	6.82	(5.69 - 8.15)	3.03	(2.31 - 3.97)	8.33	(7.04 - 9.84)
Region 11abd	6.81	(5.45 - 8.48)	3.18	(2.25 - 4.47)	8.33	(6.76 - 10.24)
Region 11c (Hidalgo)	6.83	(5.34 - 8.71)	2.74	(1.86 - 4.02)	8.33	(6.52 - 10.59)

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 44.9 ***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 Texas 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
Texas	7.00	(6.41 - 7.63)	2.55	(2.26 - 2.88)
Region 1	8.39	(6.73 - 10.42)	3.02	(2.14 - 4.24)
Region 2	7.35	(5.74 - 9.36)	2.53	(1.68 - 3.81)
Region 3	6.48	(5.67 - 7.40)	2.55	(2.10 - 3.08)
Region 3a	6.59	(5.58 - 7.76)	2.63	(2.07 - 3.33)
Region 3bc	6.30	(5.19 - 7.62)	2.41	(1.79 - 3.24)
Region 4	6.26	(4.92 - 7.93)	2.48	(1.72 - 3.56)
Region 5	7.27	(5.75 - 9.14)	2.11	(1.42 - 3.11)
Region 6	6.91	(5.94 - 8.04)	2.51	(2.02 - 3.11)
Region 6a	6.88	(5.83 - 8.11)	2.44	(1.93 - 3.09)
Region 6bc	7.17	(5.62 - 9.11)	3.03	(2.05 - 4.46)
Region 7	8.62	(7.46 - 9.94)	2.65	(2.09 - 3.35)
Region 7a	9.00	(7.48 - 10.78)	2.44	(1.79 - 3.33)
Region 7bcd	8.02	(6.52 - 9.82)	2.98	(2.14 - 4.12)
Region 8	6.81	(5.54 - 8.33)	2.33	(1.74 - 3.13)
Region 9	7.07	(5.56 - 8.96)	2.30	(1.55 - 3.40)
Region 10	6.70	(5.19 - 8.61)	2.65	(1.81 - 3.85)
Region 11	6.60	(5.54 - 7.85)	2.84	(2.16 - 3.74)
Region 11abd	6.60	(5.28 - 8.22)	3.07	(2.19 - 4.29)
Region 11c (Hidalgo)	6.61	(5.18 - 8.41)	2.40	(1.62 - 3.54)

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*.

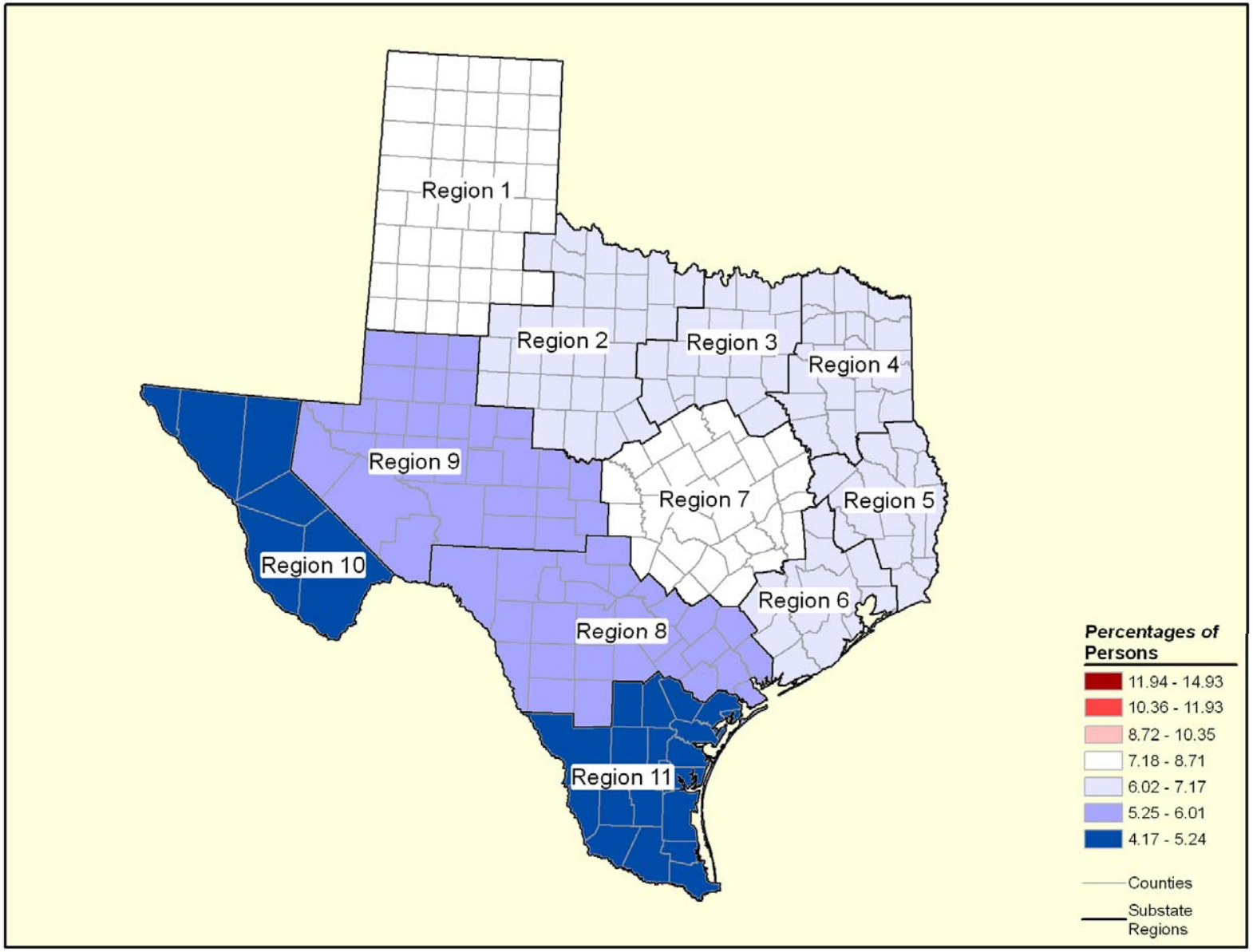
NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

[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.

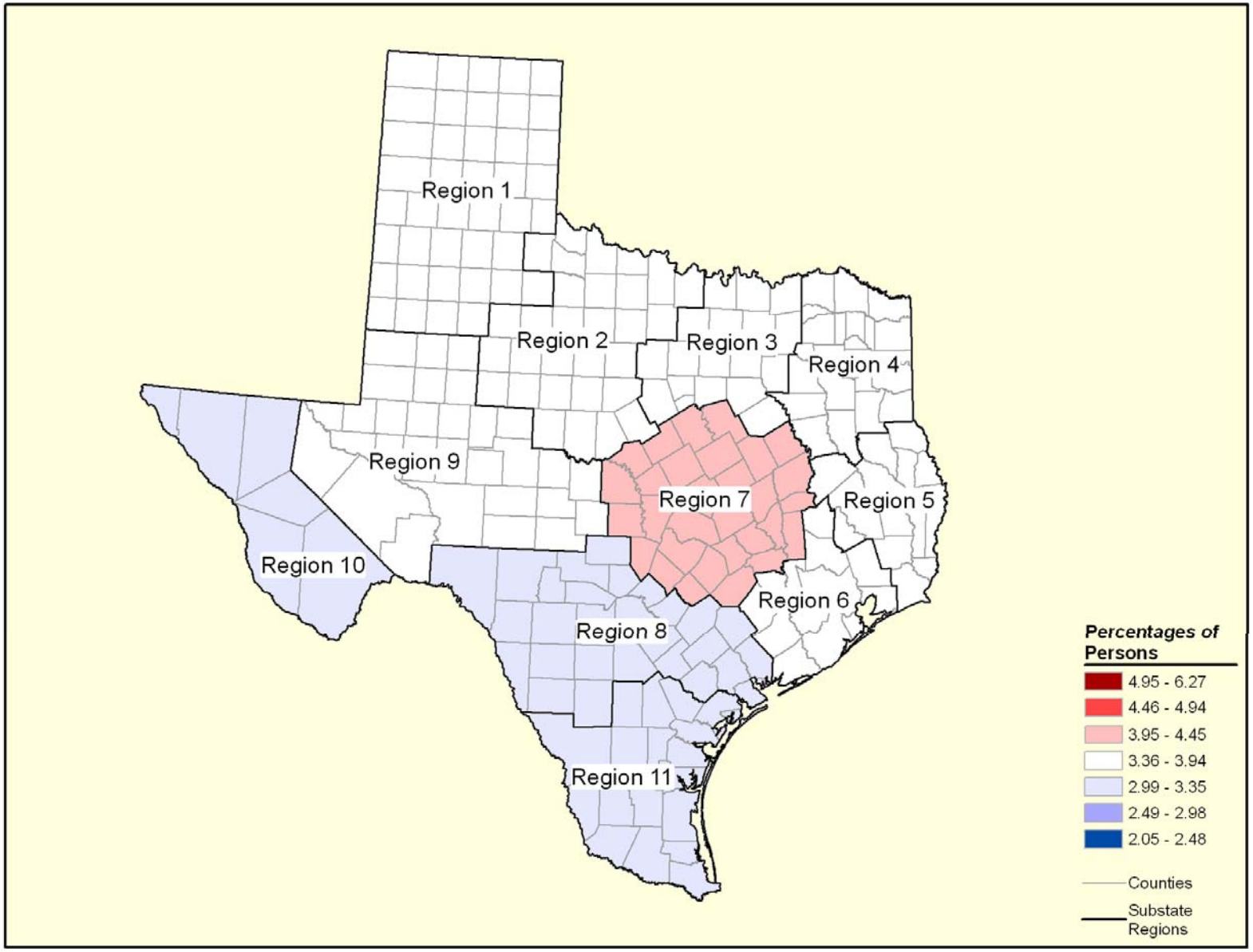
Figure 44.1.1 ***Illicit Drug Use in Past Month*** **among Persons Aged 12 or Older in Texas, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs**



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.

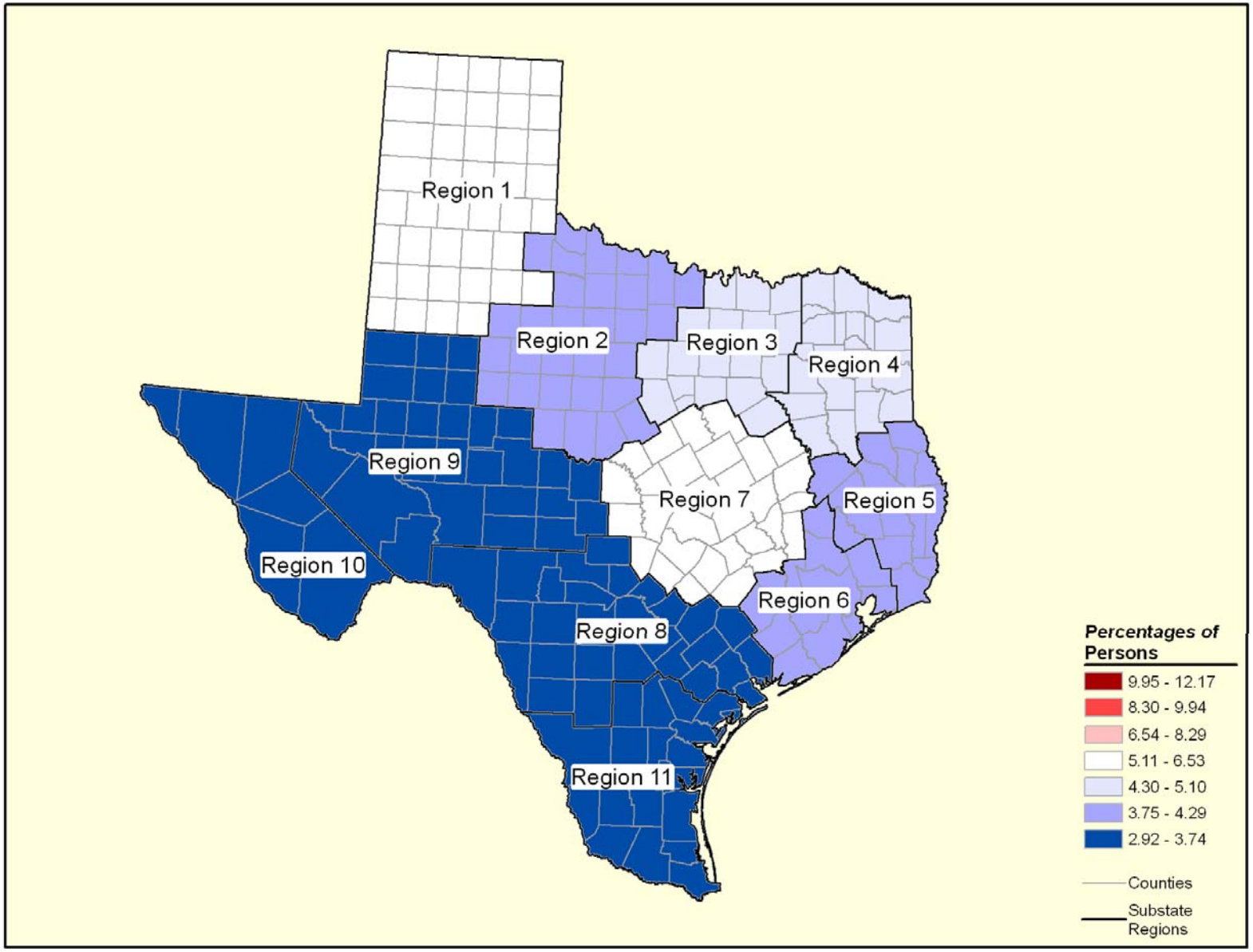
Figure 44.1.2 ***Illicit Drug Use Other Than Marijuana in Past Month*** **among Persons Aged 12 or Older in Texas, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs**



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.

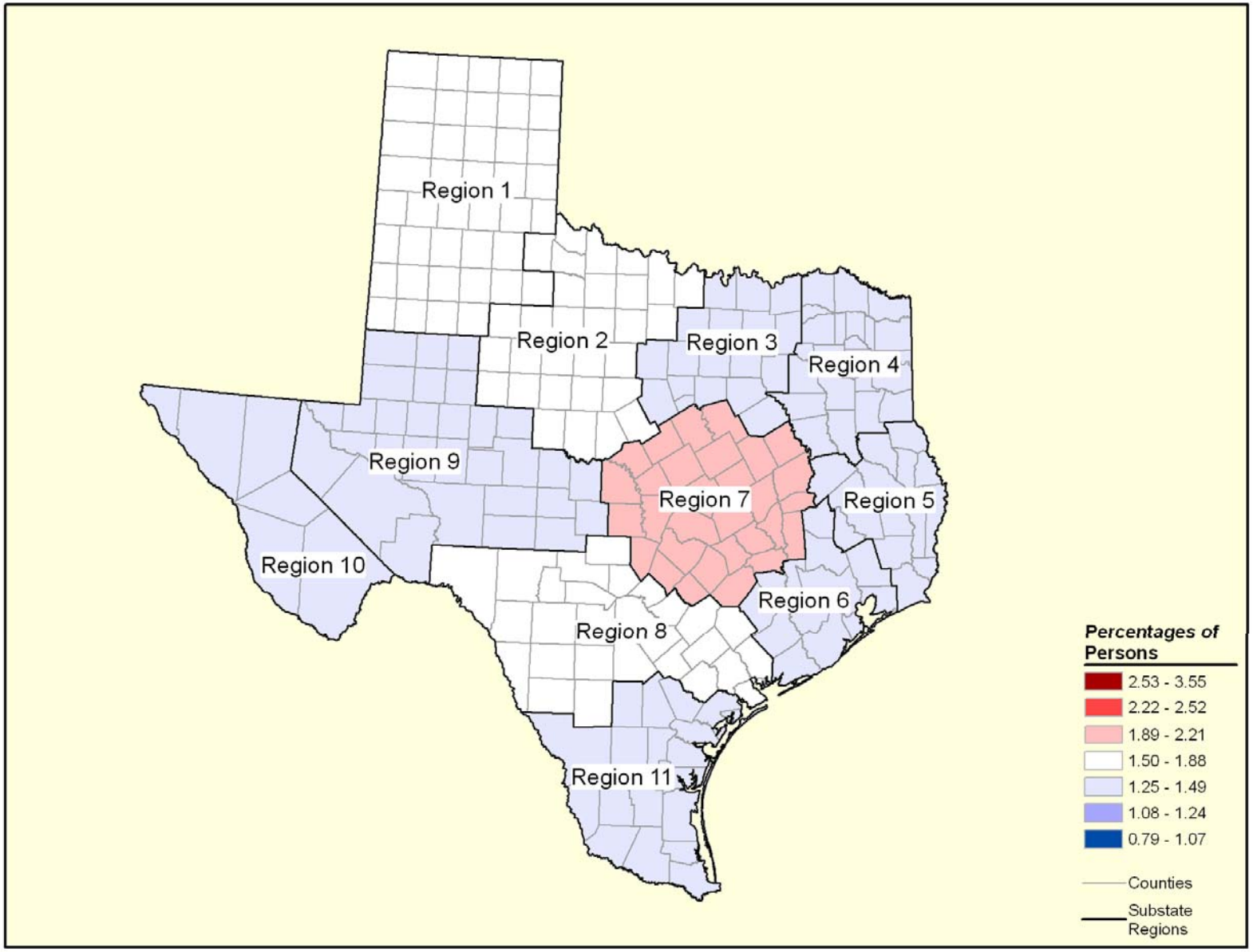
Figure 44.2.1 ***Marijuana Use in Past Month*** **among Persons Aged 12 or Older in Texas, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs**



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.

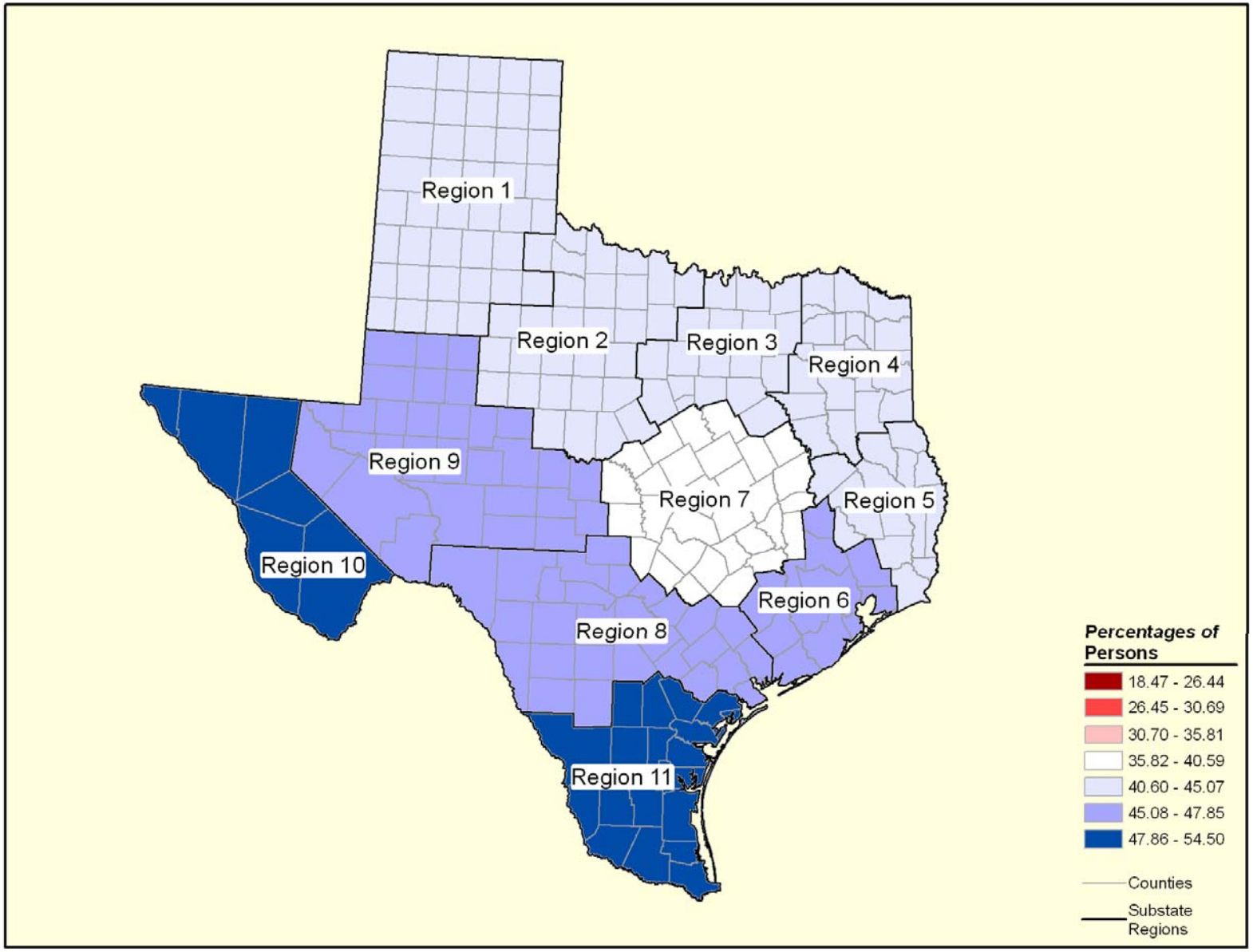
Figure 44.2.2 ***First Use of Marijuana*** **among Persons Aged 12 or Older in Texas, by Substate Region: Average Annual Rates Based on 2006, 2007, and 2008 NSDUHs**



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.

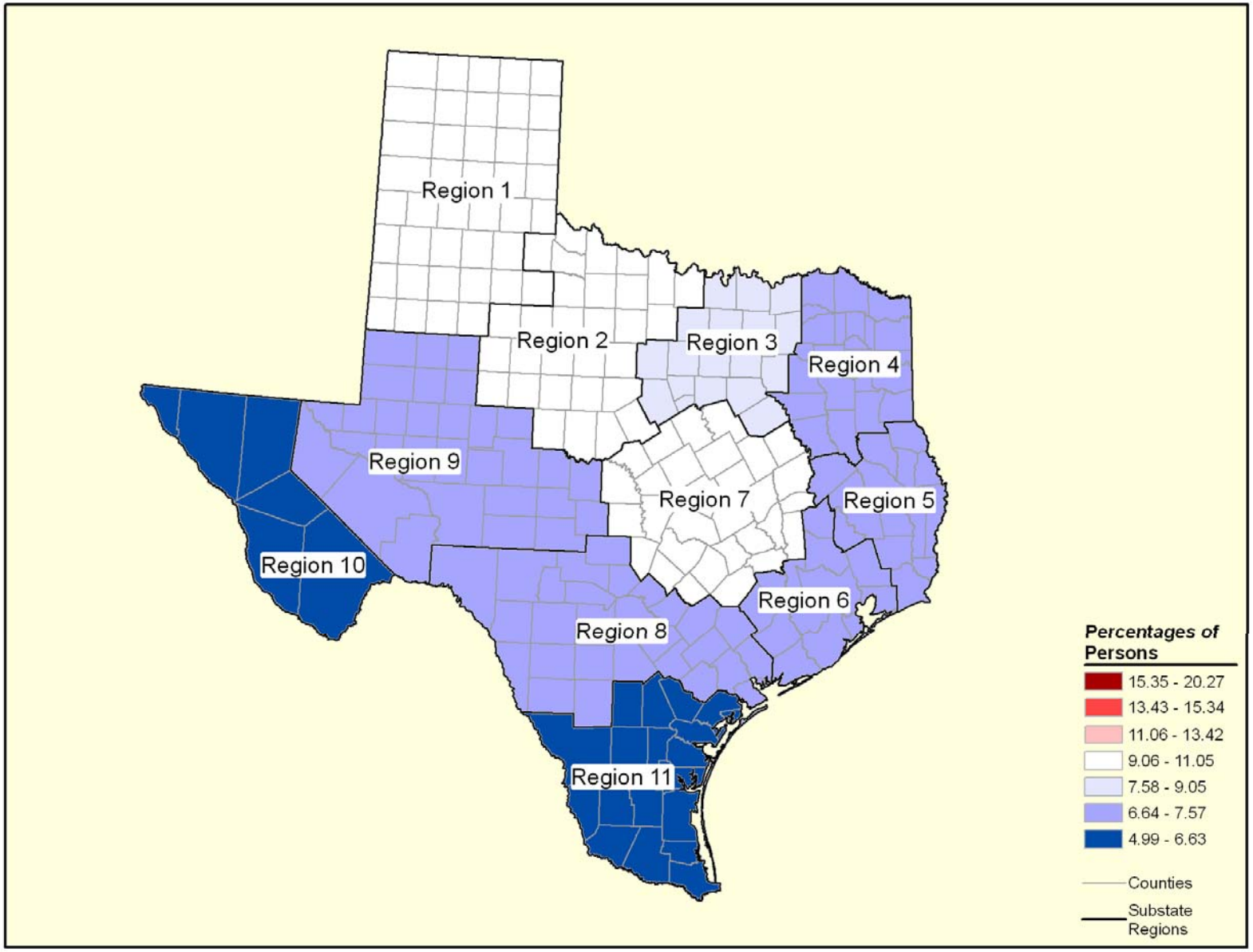
Figure 44.2.3 ***Perceptions of Great Risk of Smoking Marijuana Once a Month*** **among Persons Aged 12 or Older in Texas, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs**



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.

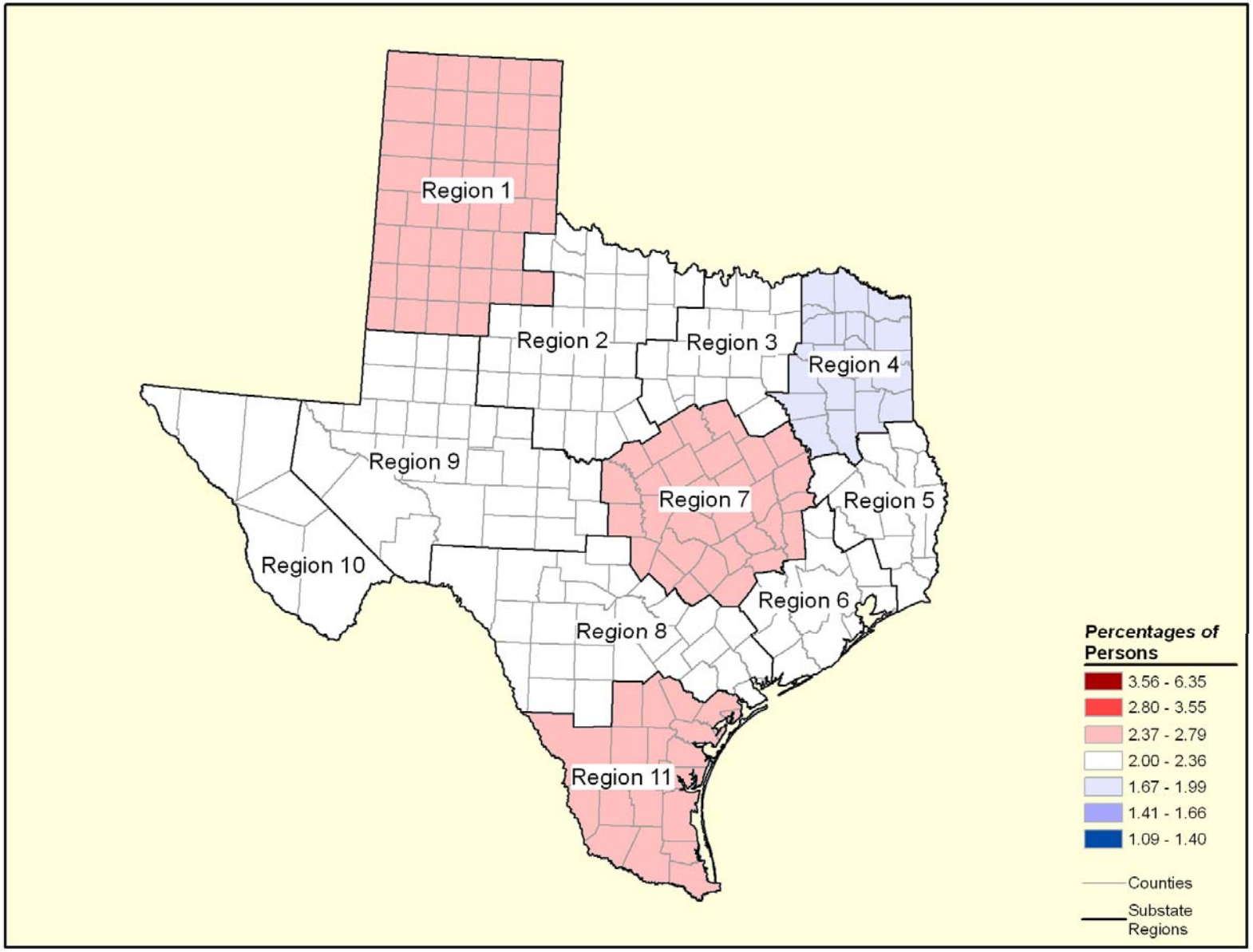
Figure 44.3.1 ***Marijuana Use in Past Year*** **among Persons Aged 12 or Older in Texas, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs**



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.

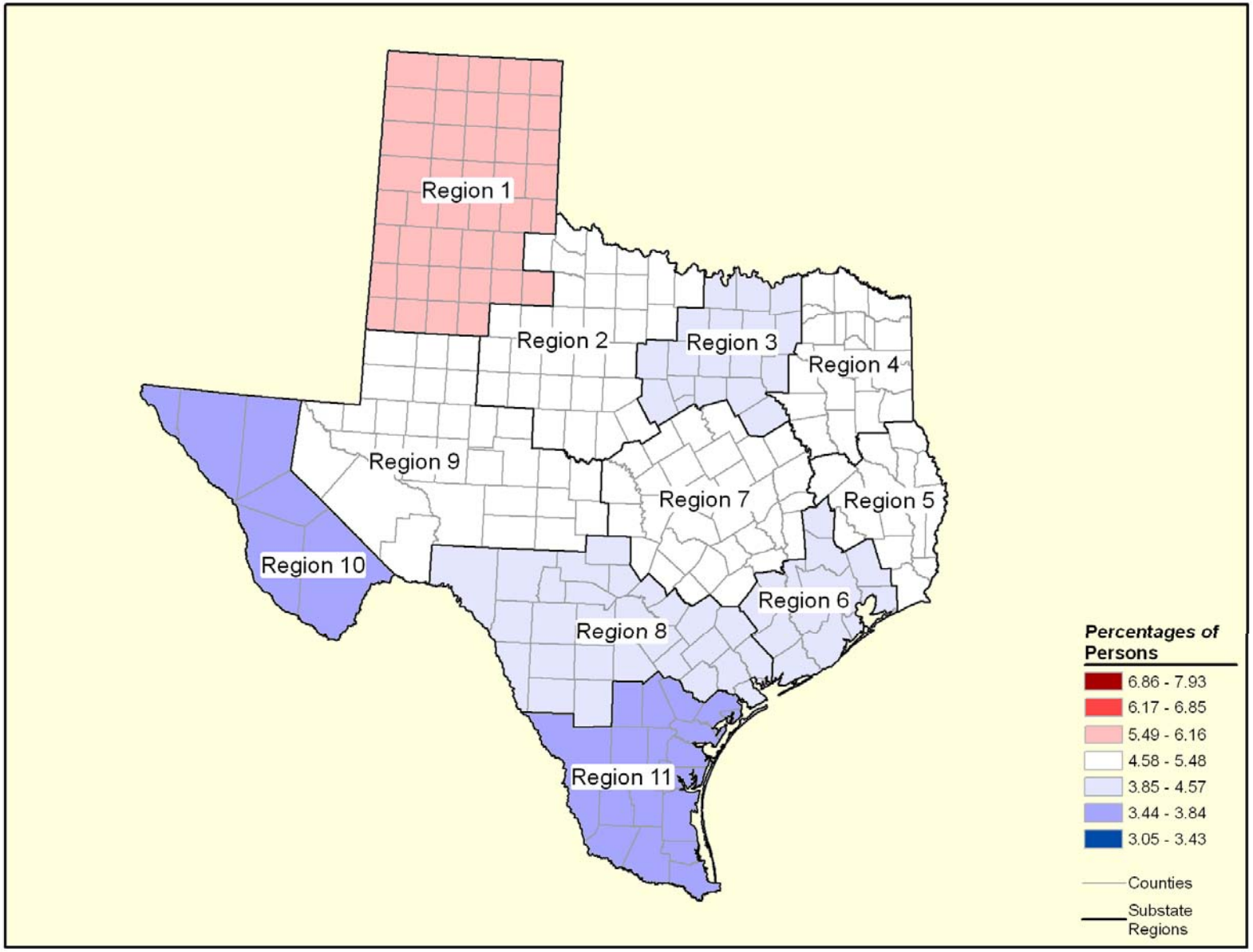
Figure 44.3.2 ***Cocaine Use in Past Year*** **among Persons Aged 12 or Older in Texas, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs**



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.

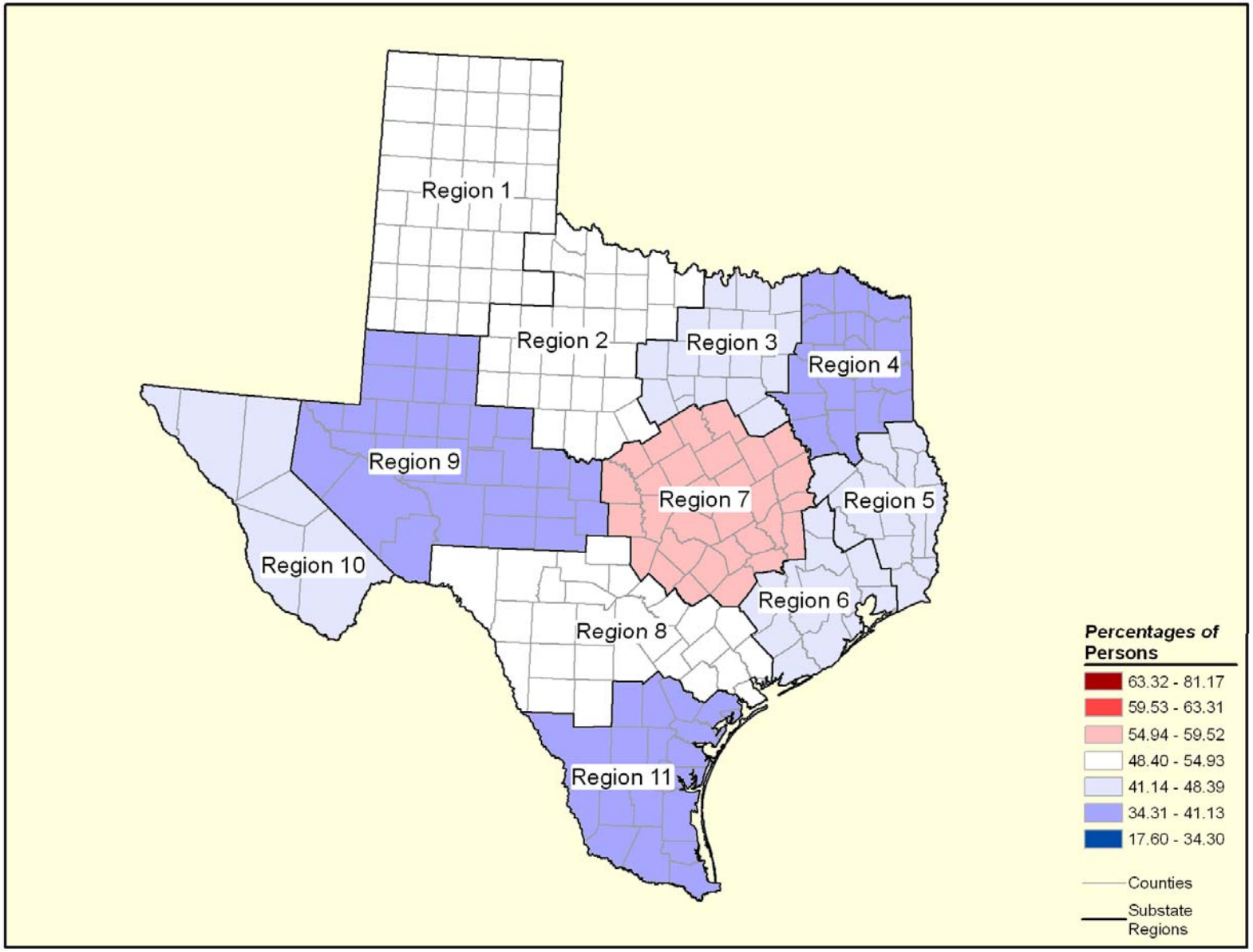
Figure 44.3.3 ***Nonmedical Use of Pain Relievers in Past Year*** **among Persons Aged 12 or Older in Texas, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs**



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.

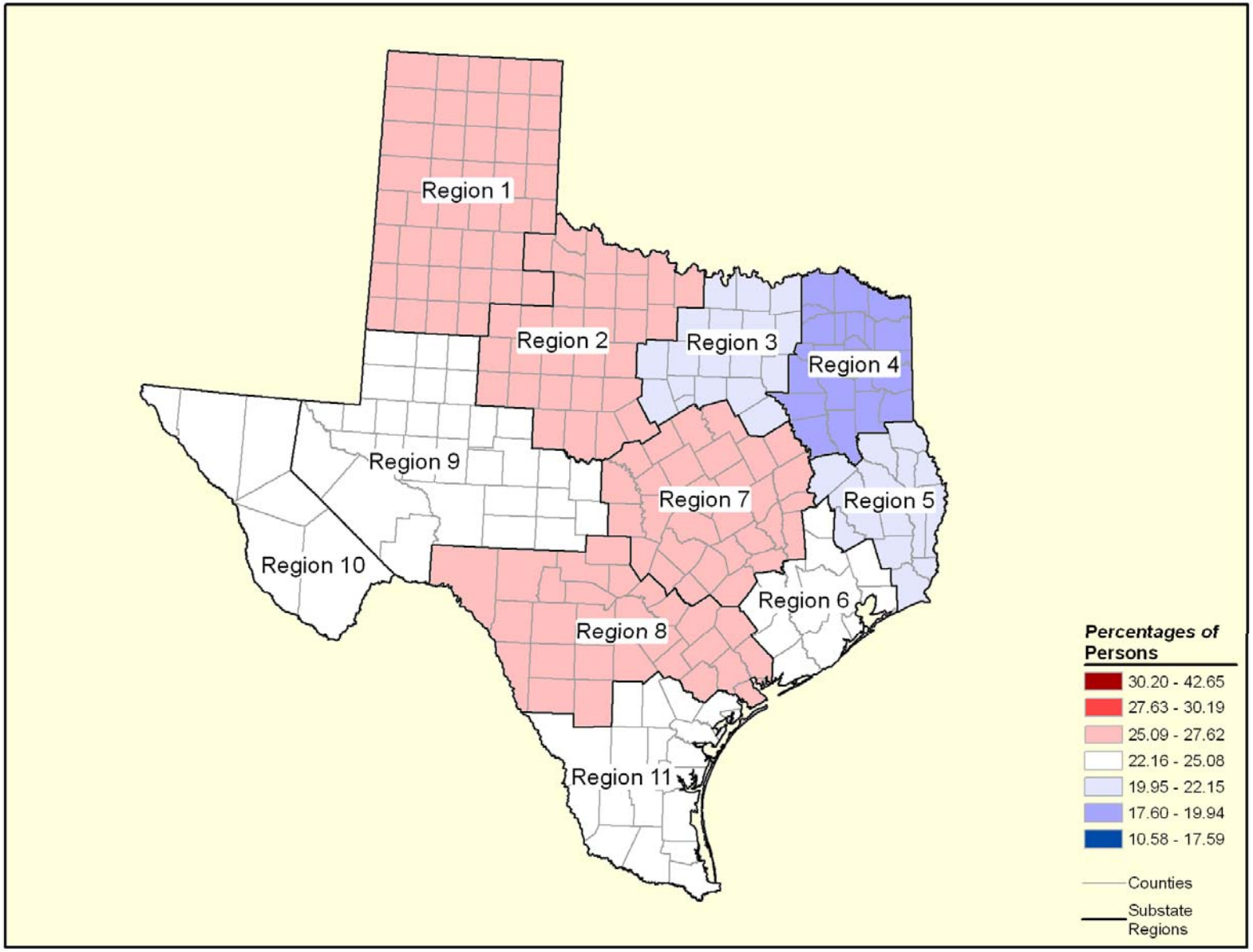
Figure 44.4.1 ***Alcohol Use in Past Month*** **among Persons Aged 12 or Older in Texas, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs**



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.

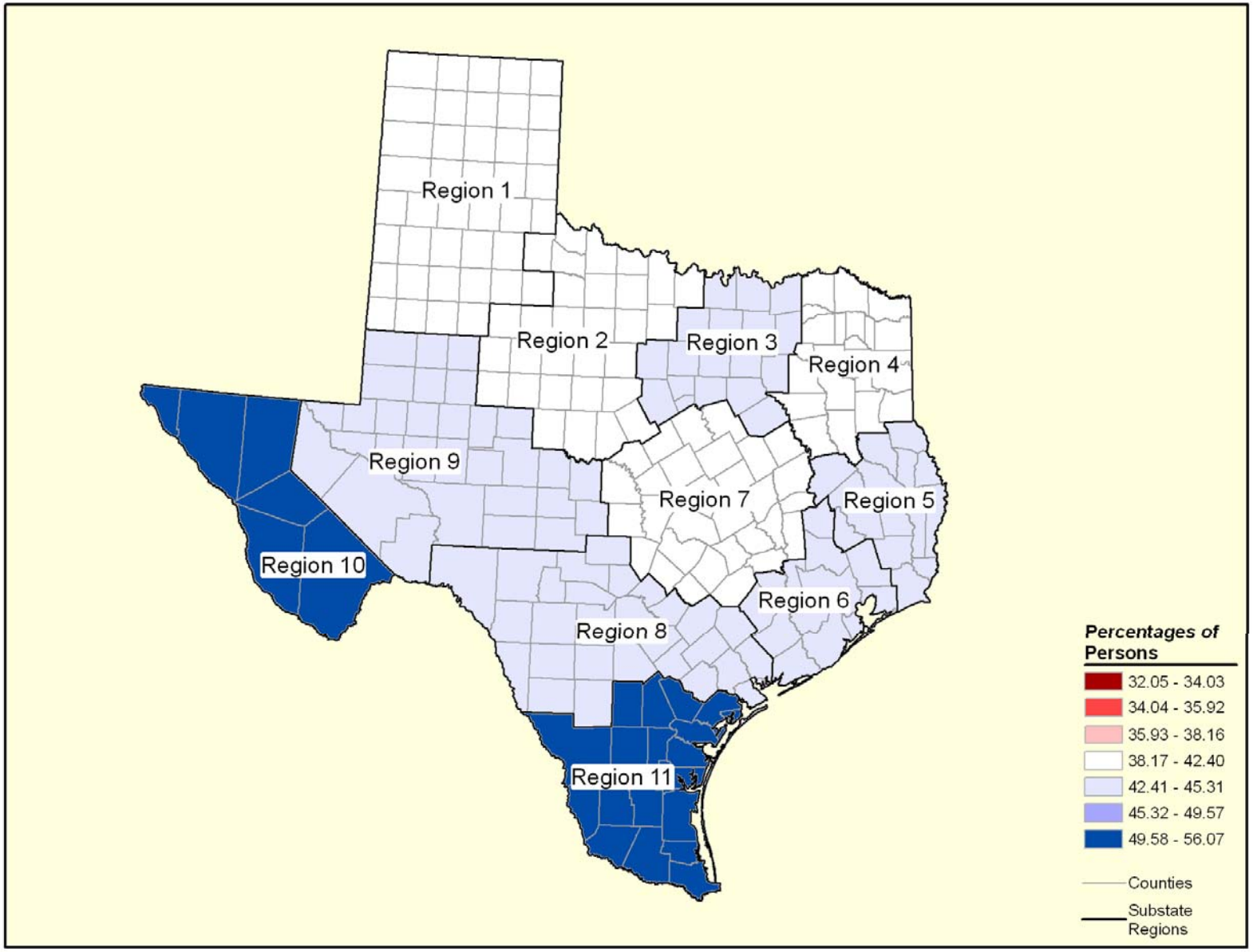
Figure 44.4.2 ***Binge Alcohol Use in Past Month*** **among Persons Aged 12 or Older in Texas, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs**



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.

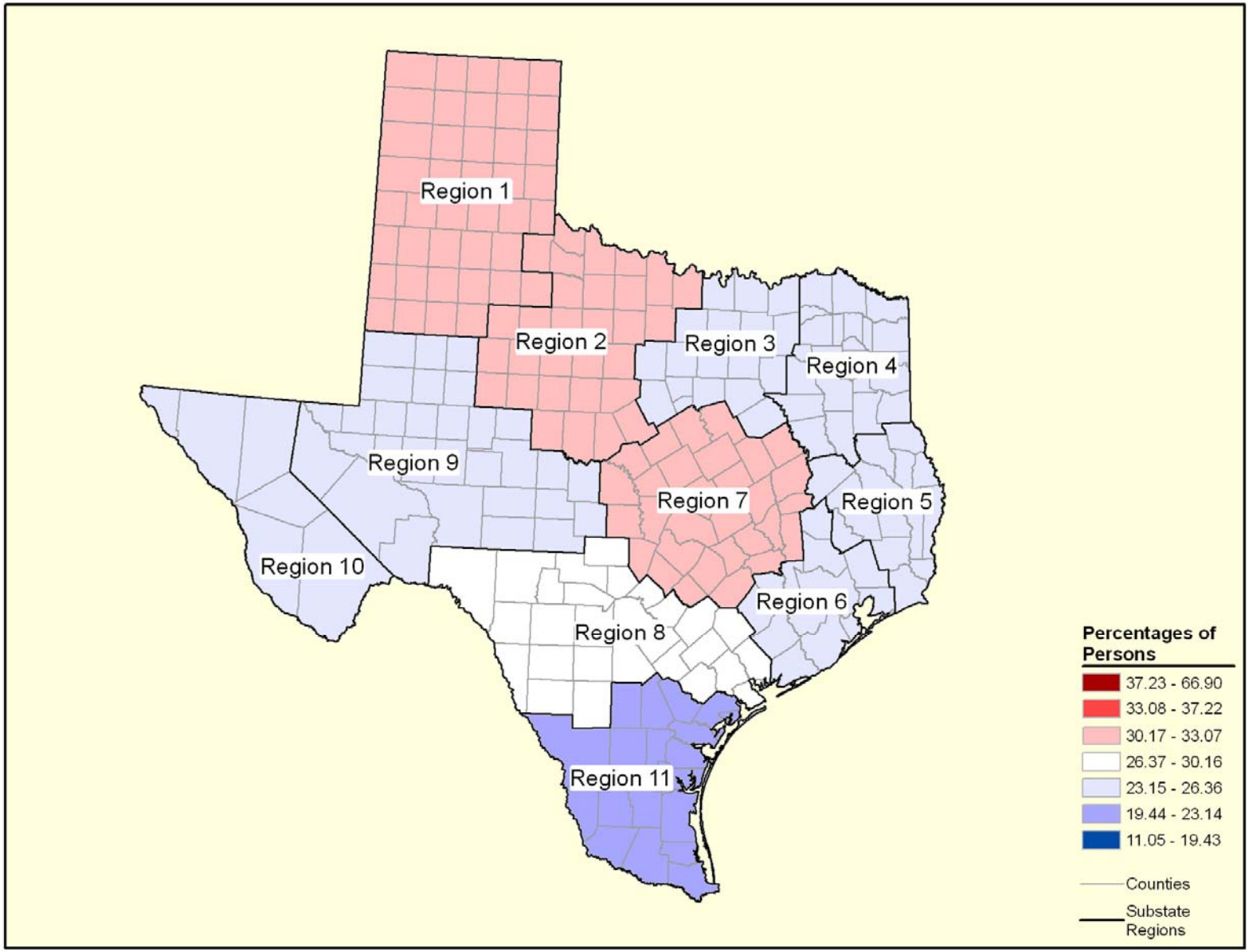
Figure 44.4.3 ***Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week*** **among Persons Aged 12 or Older in Texas, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs**



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.

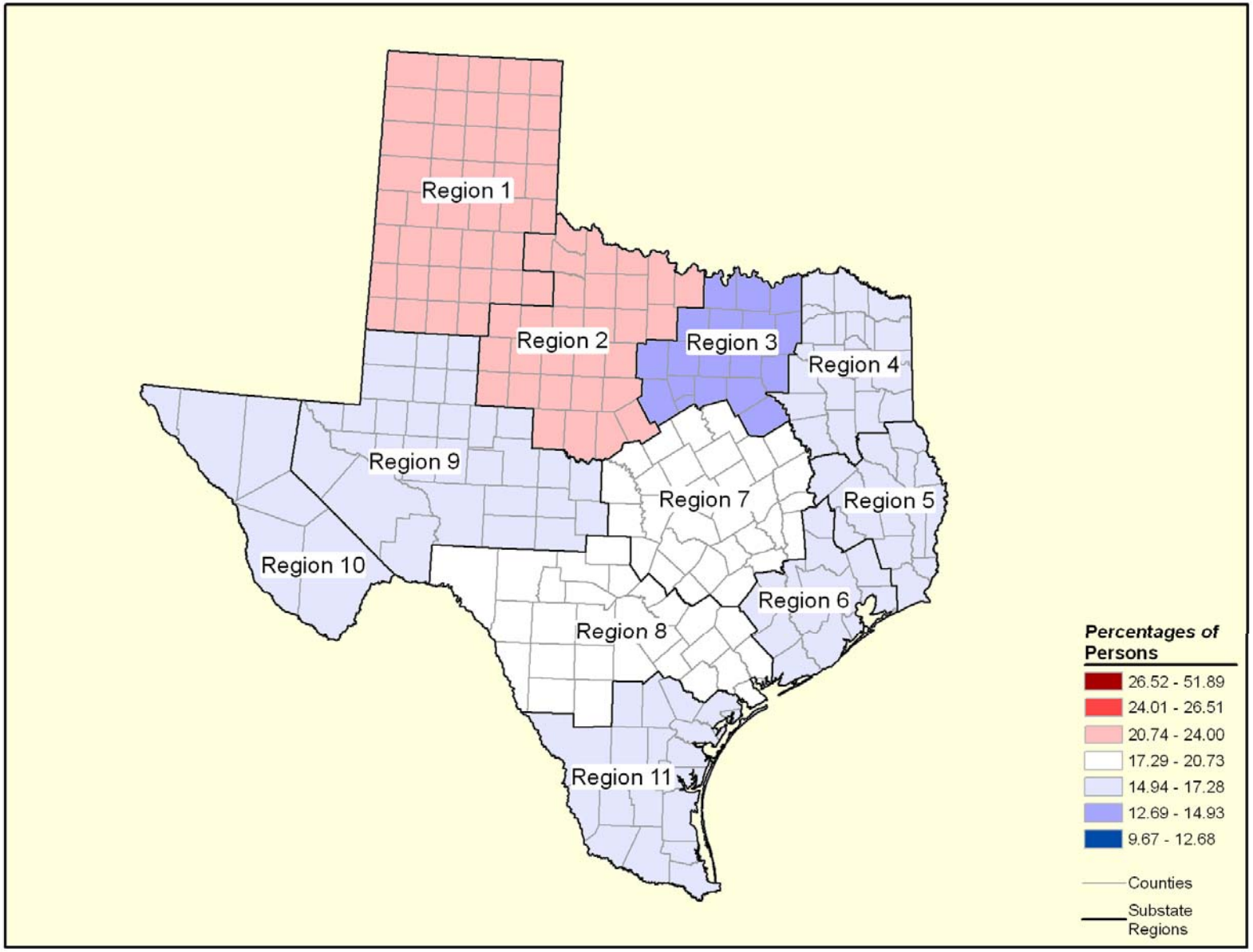
Figure 44.5.1 ***Alcohol Use in Past Month among Persons Aged 12 to 20*** **in Texas, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs**



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.

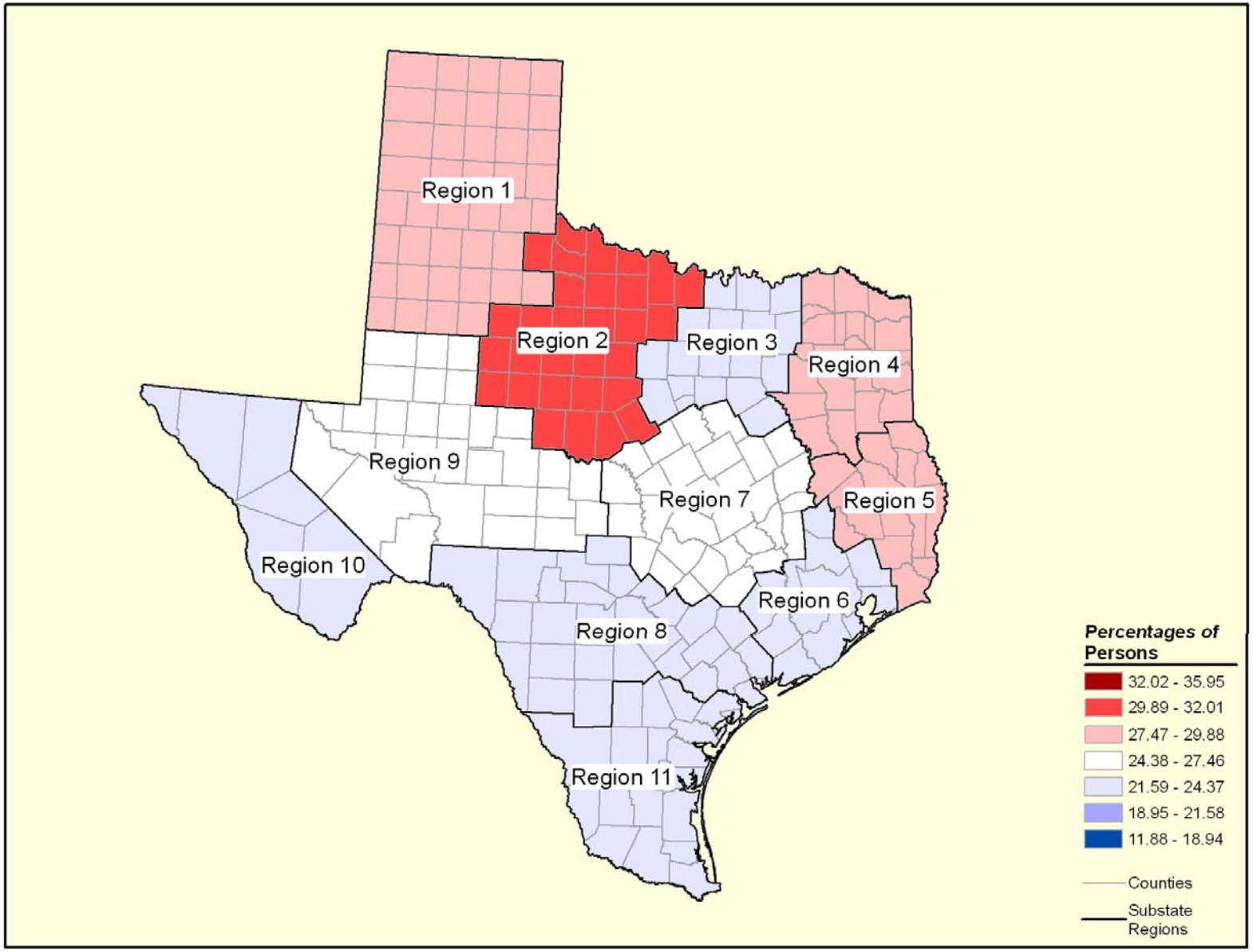
Figure 44.5.2 ***Binge Alcohol Use in Past Month among Persons Aged 12 to 20*** **in Texas, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs**



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.

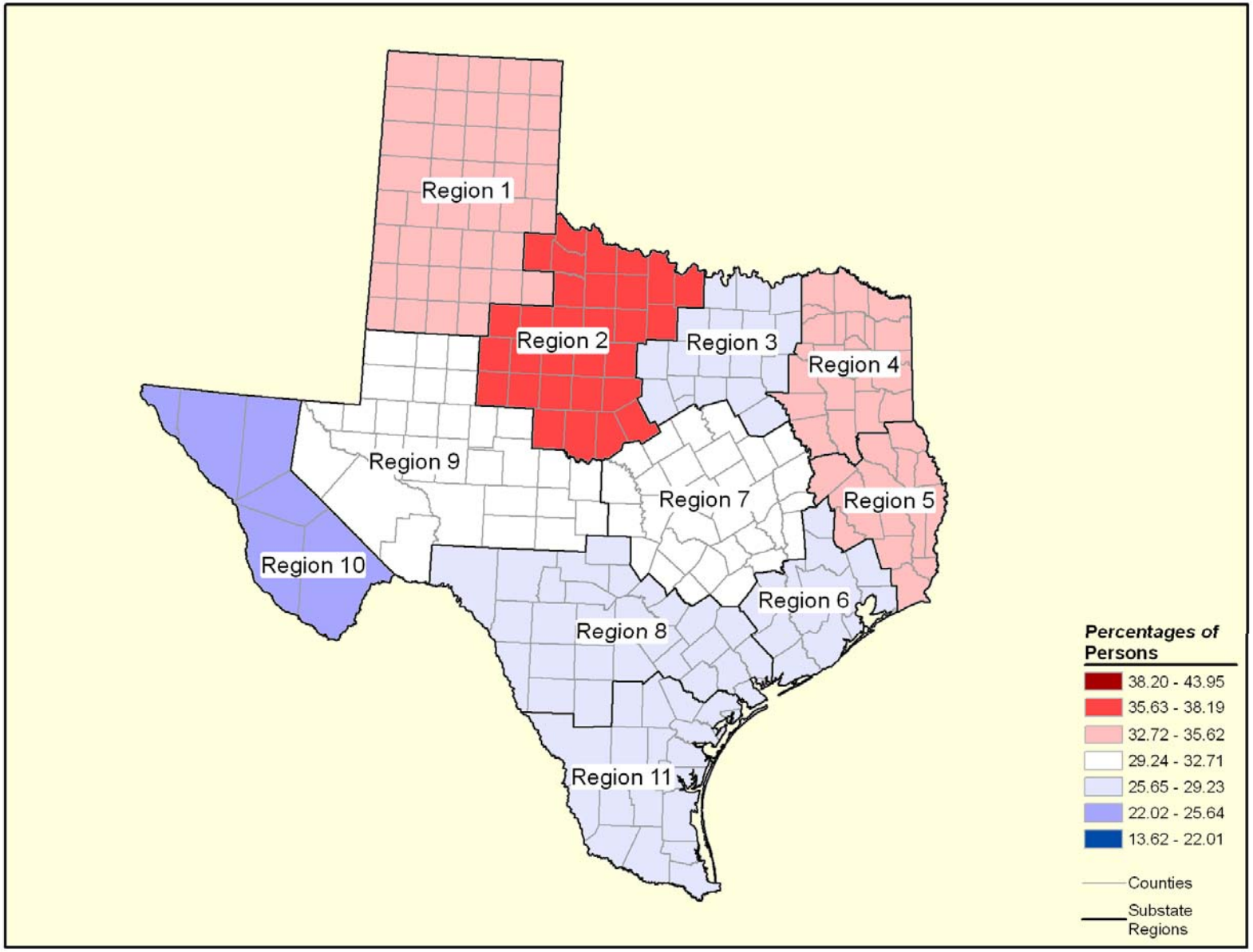
Figure 44.6.1 ***Cigarette Use in Past Month*** **among Persons Aged 12 or Older in Texas, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs**



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.

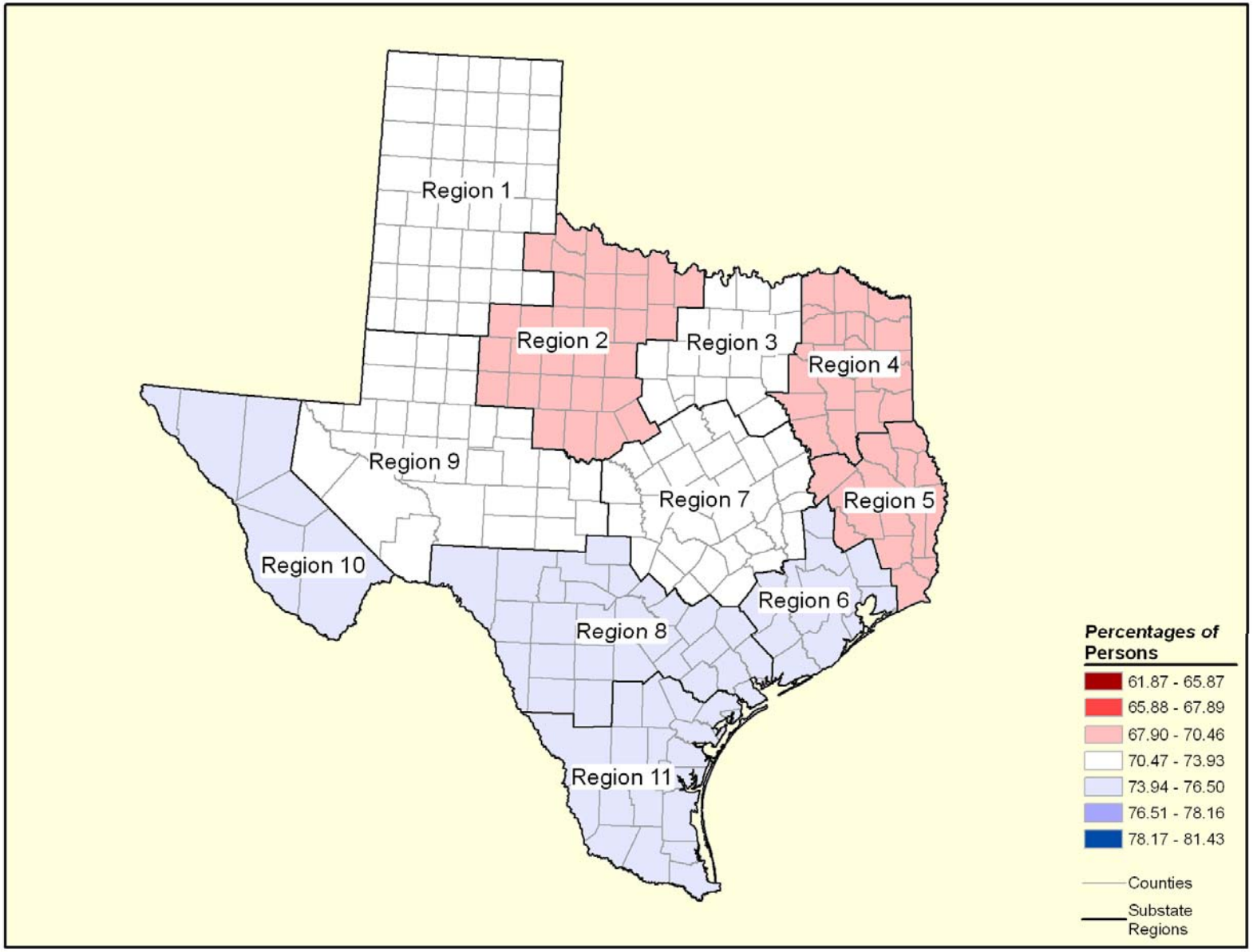
Figure 44.6.2 ***Tobacco Product Use in Past Month*** **among Persons Aged 12 or Older in Texas, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs**



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.

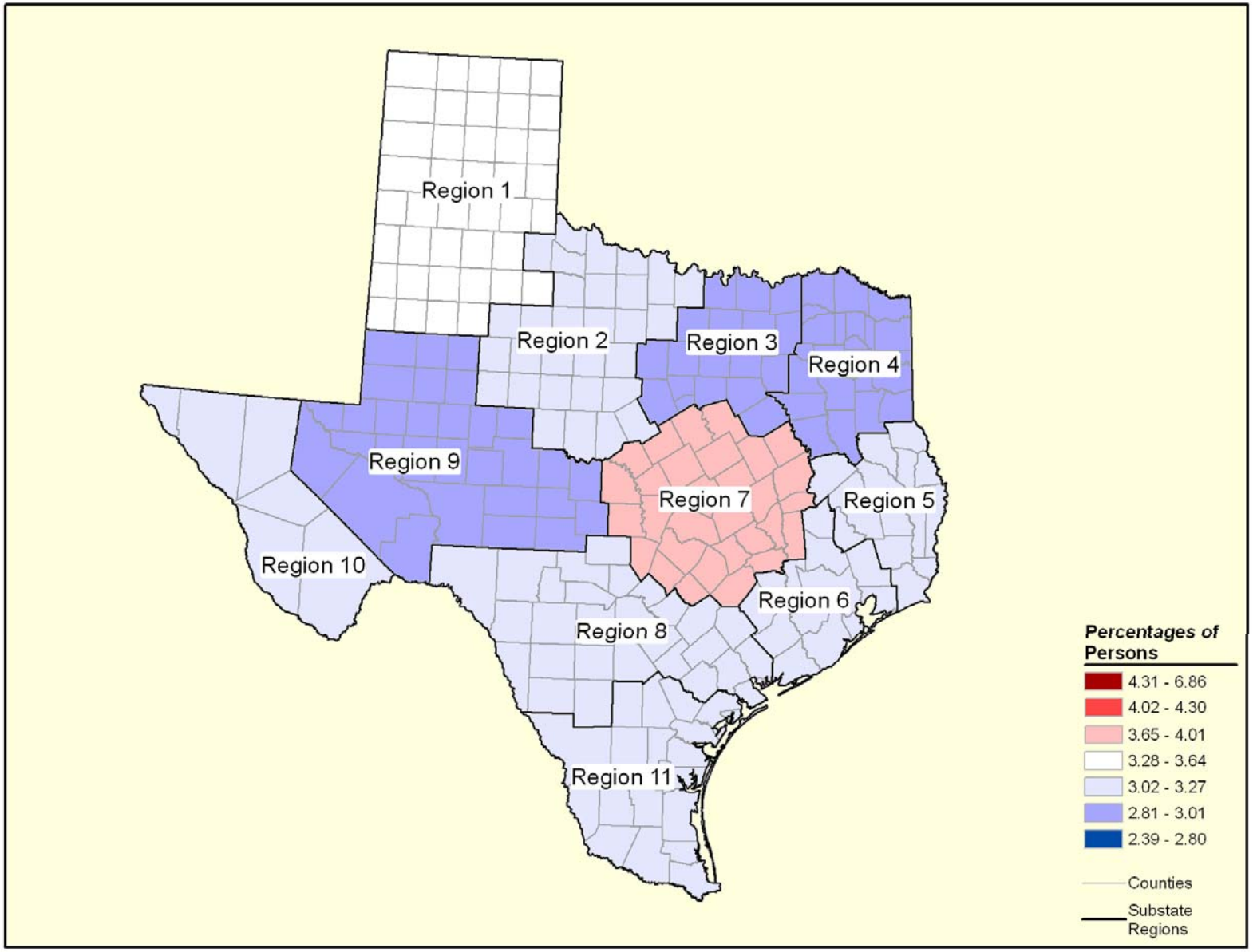
Figure 44.6.3 ***Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day*** **among Persons Aged 12 or Older in Texas, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs**



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.

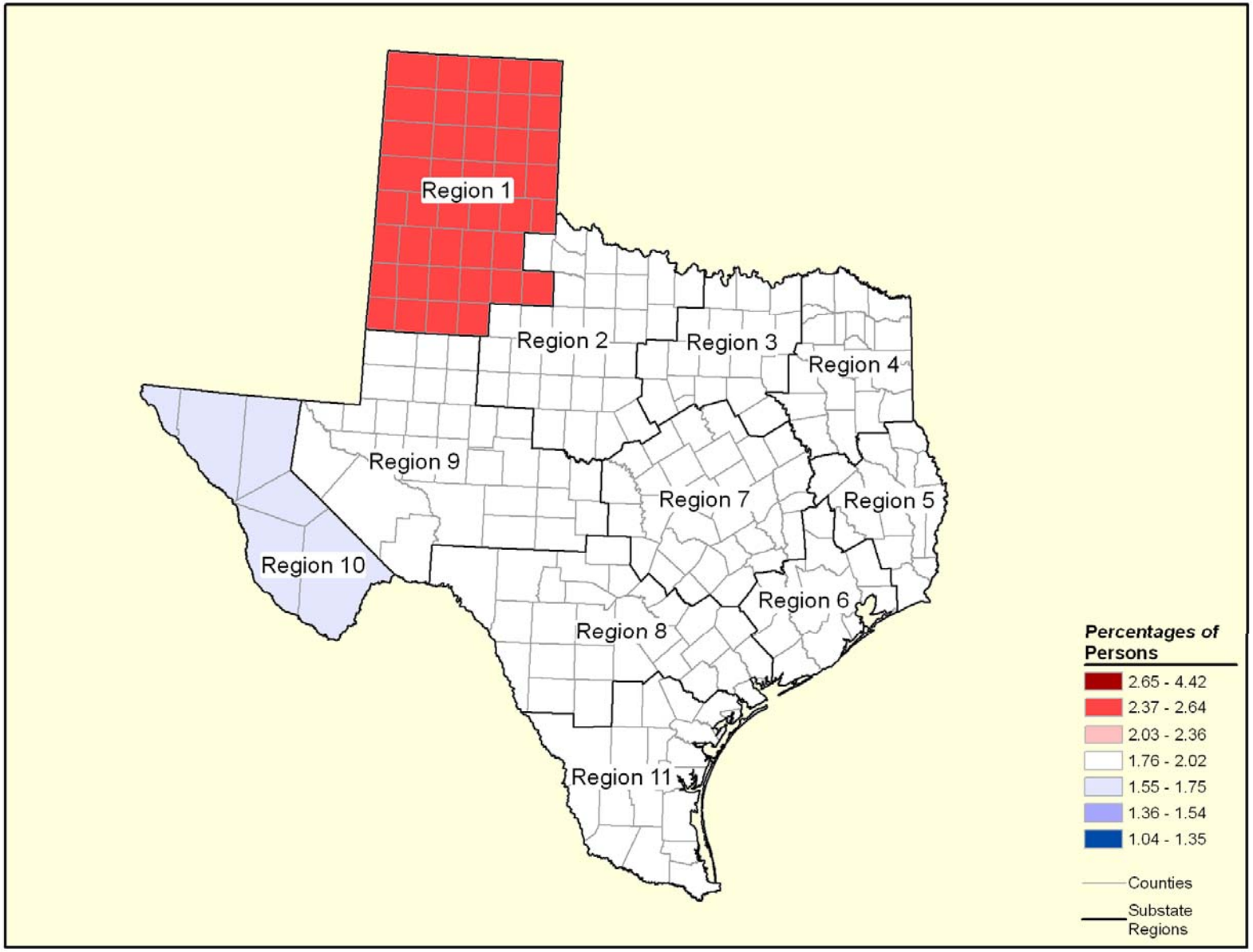
Figure 44.7.1 ***Alcohol Dependence in Past Year*** **among Persons Aged 12 or Older in Texas, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs**



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.

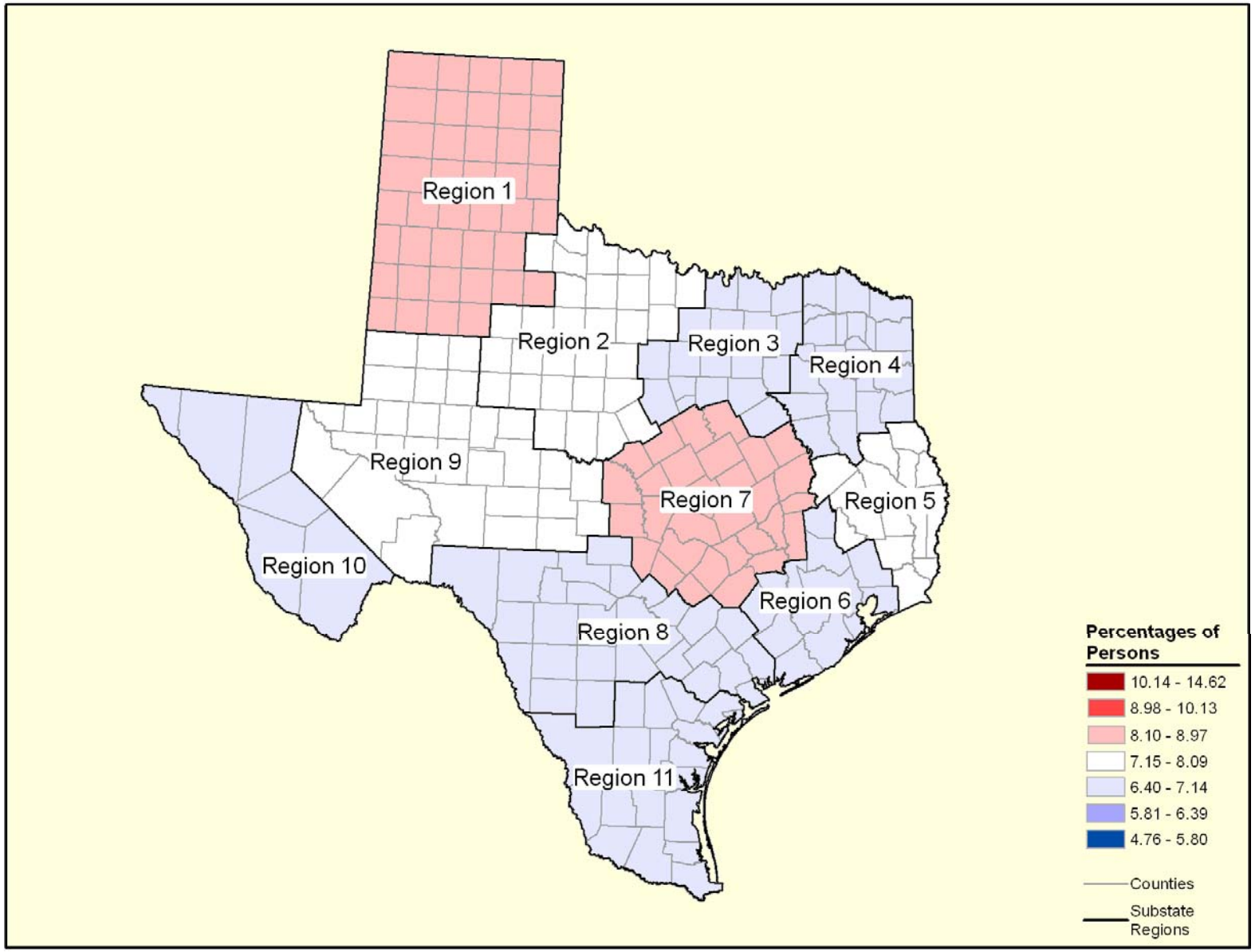
Figure 44.7.2 ***Illicit Drug Dependence in Past Year*** **among Persons Aged 12 or Older in Texas, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs**



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.

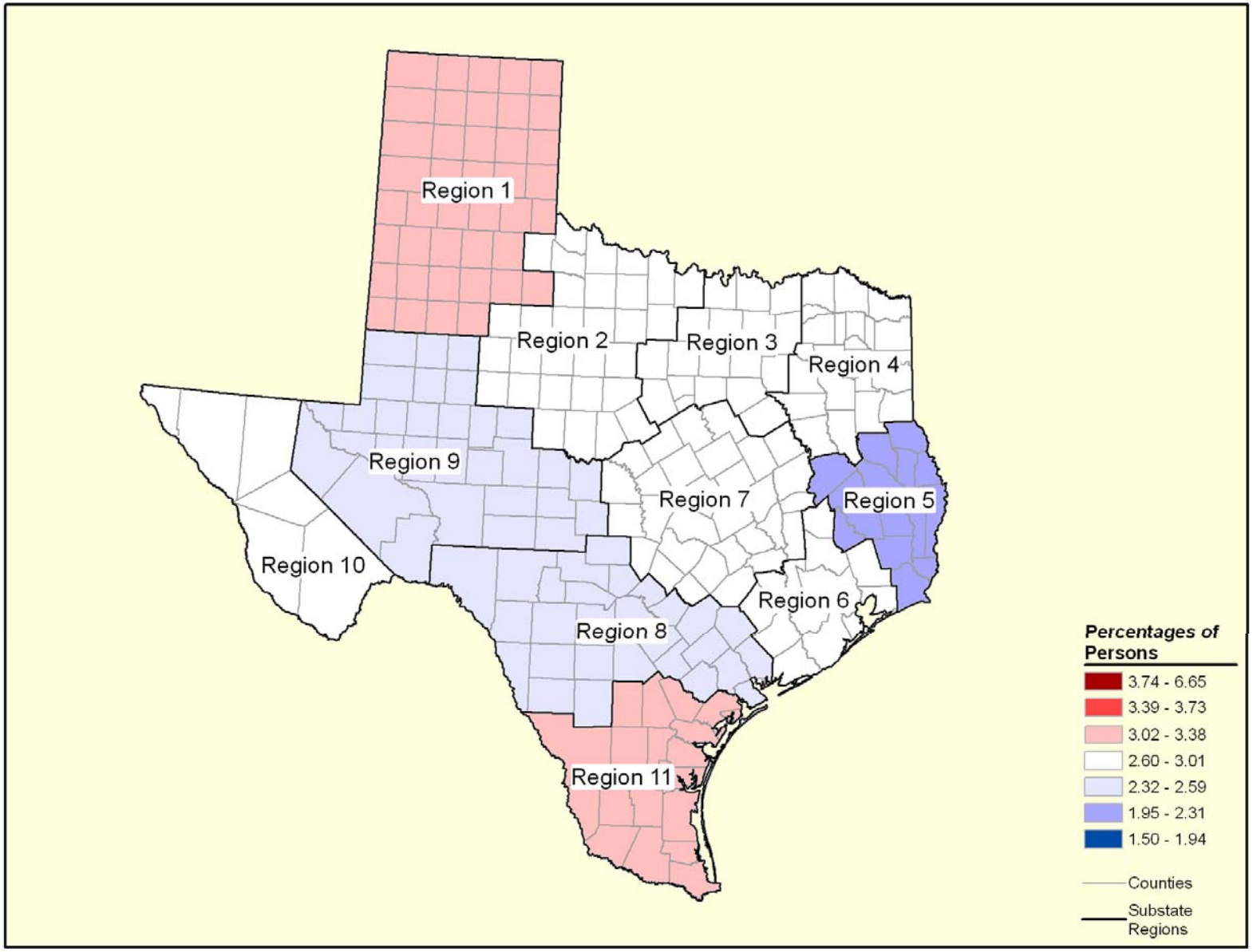
Figure 44.8.1 ***Alcohol Dependence or Abuse in Past Year*** **among Persons Aged 12 or Older in Texas, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs**



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.

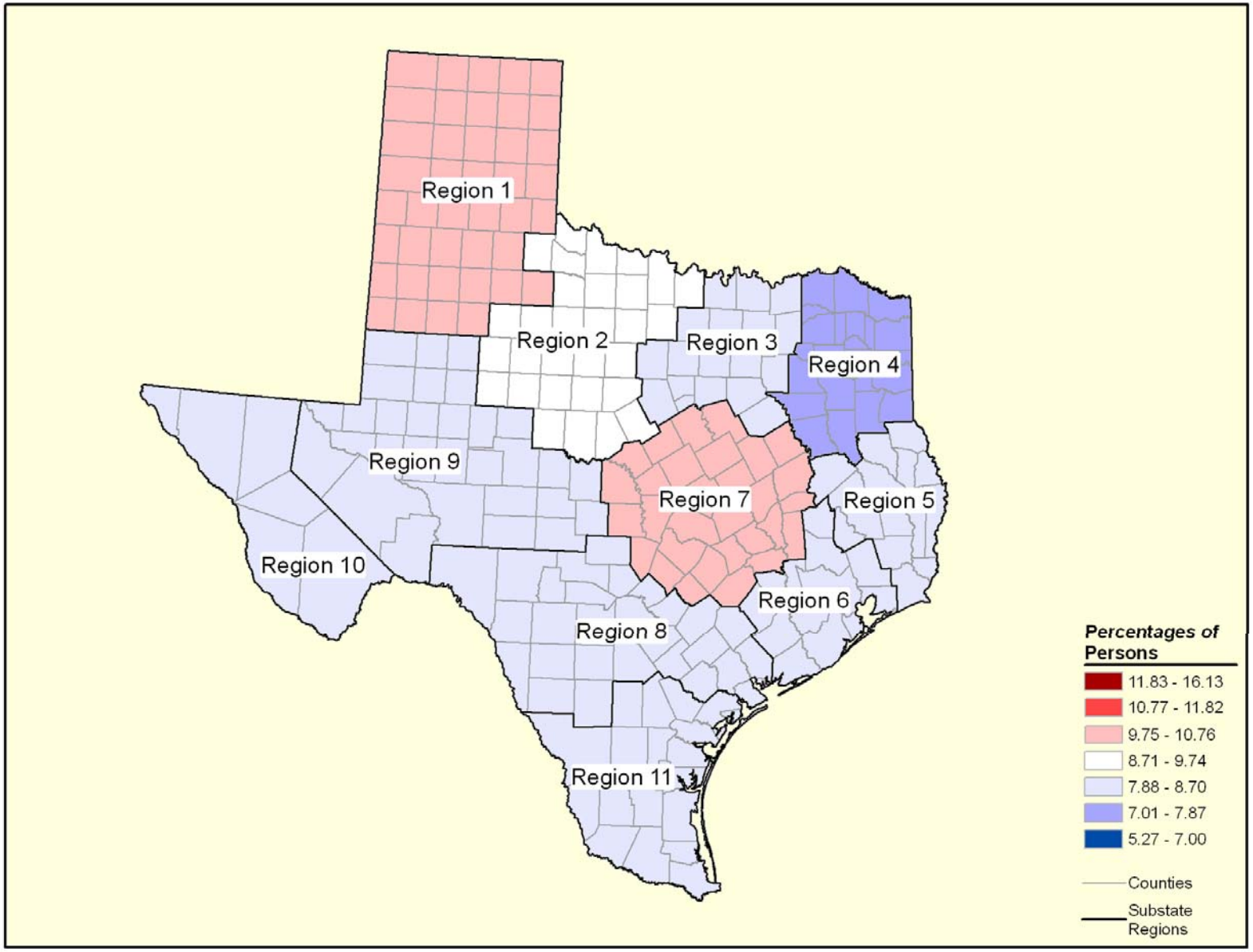
Figure 44.8.2 ***Illicit Drug Dependence or Abuse in Past Year*** **among Persons Aged 12 or Older in Texas, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs**



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.

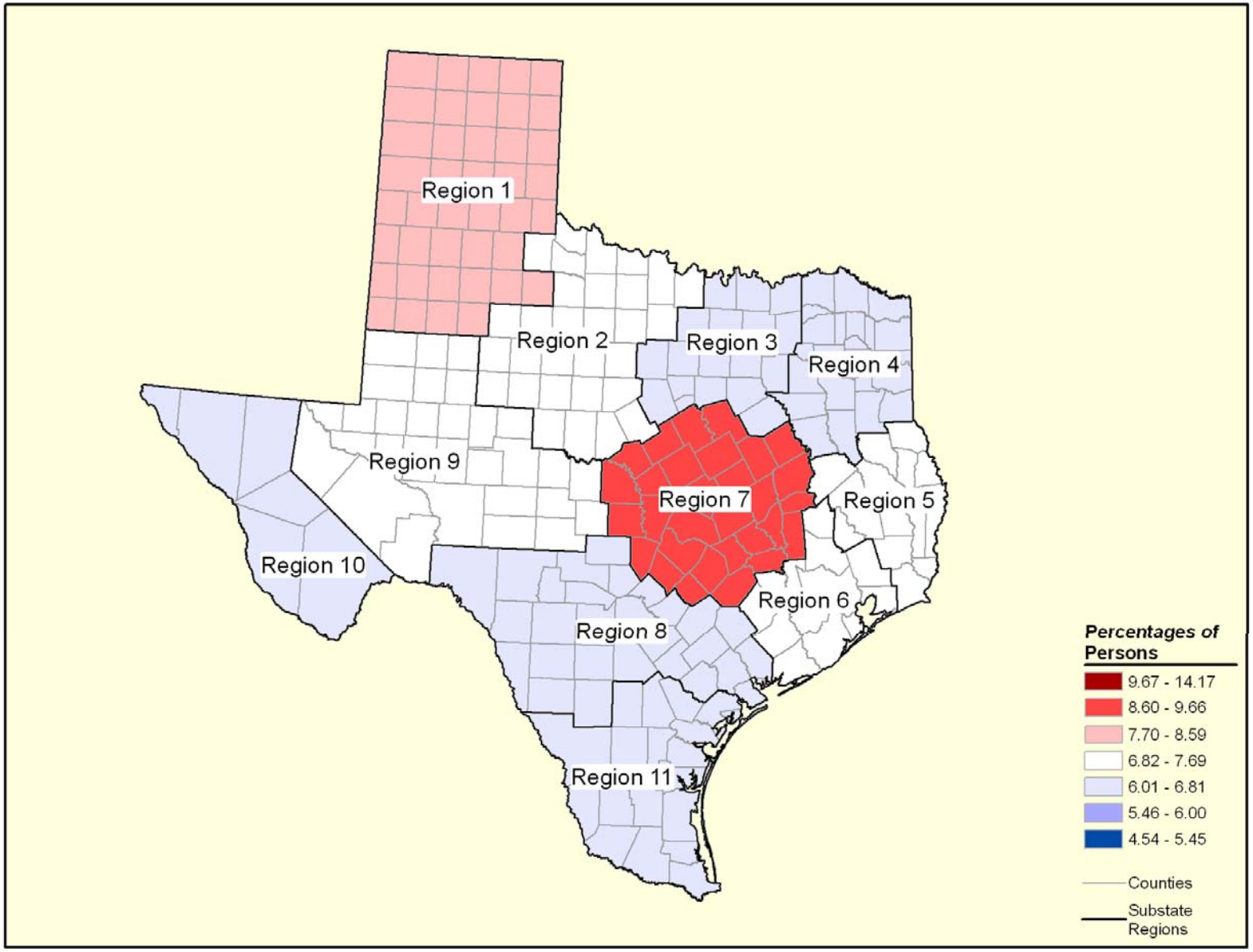
Figure 44.8.3 ***Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year*** **among Persons Aged 12 or Older in Texas, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs**



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.

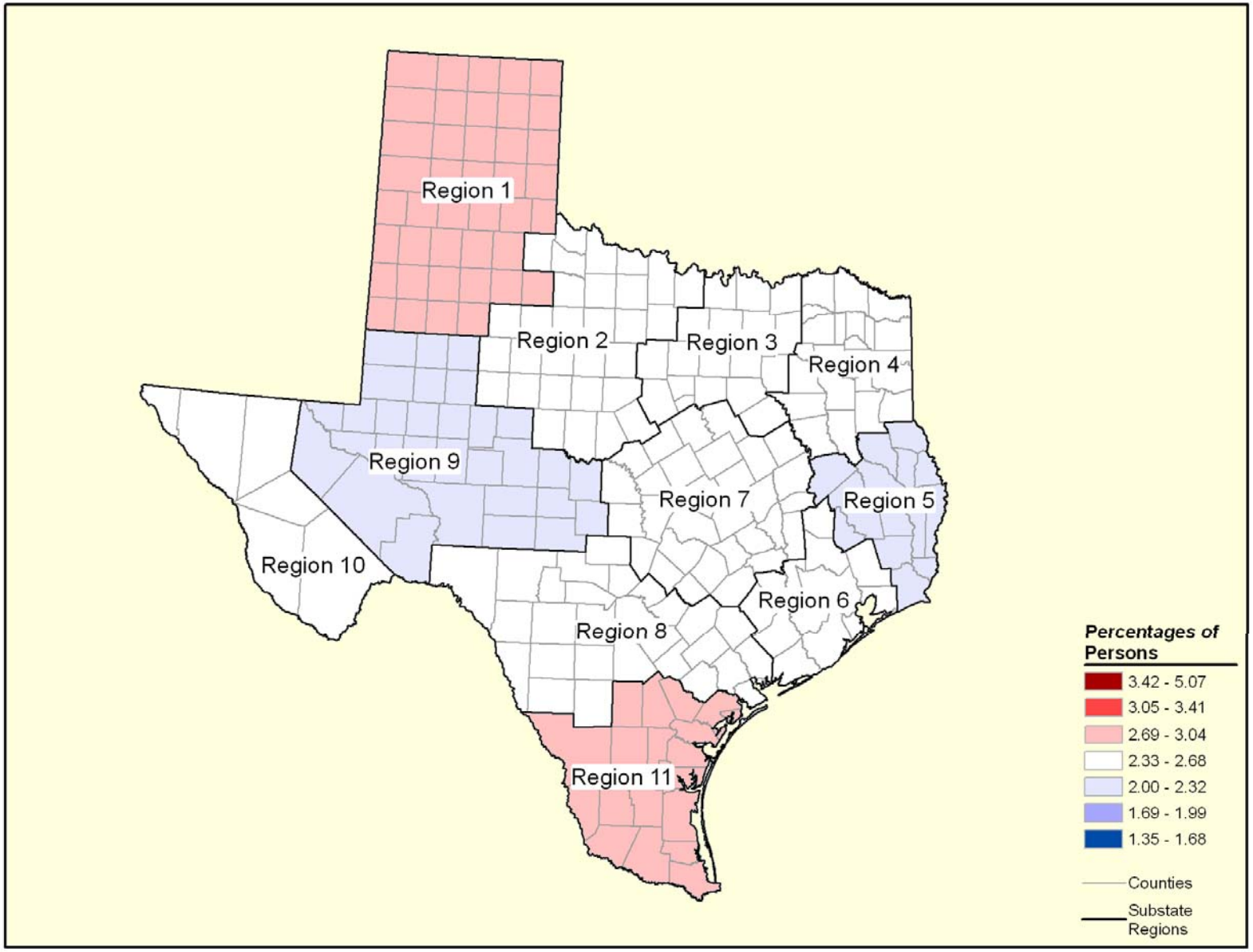
Figure 44.9.1 ***Needing But Not Receiving Treatment for Alcohol Use in Past Year*** **among Persons Aged 12 or Older in Texas, by Substate Region: Percentages, Annual Averages Based on 2006, 2007, and 2008 NSDUHs**



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 44.9.2 ***Needing But Not Receiving Treatment for Illicit Drug Use in Past Year*** **among Persons Aged 12 or Older in Texas, 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.