Table 39.1 *Illicit Drug Use in Past Month and Illicit Drug Use Other Than Marijuana in Past Month* **in Pennsylvania among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

State/Substate Region	Illicit Drug Use in Past Month		Illicit Drug Use Other Than Marijuana in Past Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Pennsylvania	7.80	(7.19 - 8.45)	3.20	(2.85 - 3.59)
Region 1 (Allegheny)	9.30	(7.63 - 11.28)	3.35	(2.52 - 4.43)
Regions 2, 3, 8, and 9	6.47	(5.04 - 8.27)	2.93	(2.14 - 4.00)
Regions 4, 11, 37, and 49	7.28	(5.81 - 9.07)	2.90	(2.14 - 3.91)
Regions 5, 18, 23, 24, and 46	5.58	(4.38 - 7.08)	2.61	(1.93 - 3.53)
Regions 6, 12, 16, 31, 35, 39, 45, and 47	7.07	(5.82 - 8.56)	3.03	(2.31 - 3.95)
Regions 7, 13, 20, and 33	7.89	(6.77 - 9.17)	3.43	(2.77 - 4.24)
Regions 10, 14, 15, 27, 32, 43, and 44	7.52	(5.88 - 9.56)	3.65	(2.65 - 5.00)
Regions 17 and 21	7.85	(6.10 - 10.05)	3.33	(2.43 - 4.54)
Regions 19, 26, 28, and 42	6.18	(5.11 - 7.46)	2.46	(1.84 - 3.28)
Regions 22, 38, 40, 41, and 48	6.86	(5.42 - 8.65)	3.10	(2.31 - 4.14)
Regions 25 and 30	7.86	(6.30 - 9.76)	3.35	(2.47 - 4.53)
Regions 29 and 34	6.99	(5.43 - 8.95)	2.74	(1.94 - 3.87)
Region 36 (Philadelphia)	11.19	(9.28 - 13.44)	4.06	(3.13 - 5.26)

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

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

NOTE: Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically. Illicit Drugs Other Than Marijuana include cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically.

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

Table 39.2 *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 Pennsylvania among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

State/Substate Region	Marijuana Use in Past Month		Average Annual Rate of First Use of Marijuana[1]		Perceptions of Great Risk of Smoking Marijuana Once a Month	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Pennsylvania	5.99	(5.47 - 6.54)	1.63	(1.51 - 1.77)	39.79	(38.42 - 41.17)
Region 1 (Allegheny)	7.55	(6.18 - 9.20)	1.76	(1.45 - 2.14)	39.05	(35.34 - 42.90)
Regions 2, 3, 8, and 9	4.76	(3.65 - 6.20)	1.65	(1.33 - 2.06)	41.06	(36.67 - 45.58)
Regions 4, 11, 37, and 49	5.54	(4.36 - 7.01)	1.55	(1.25 - 1.92)	39.18	(35.05 - 43.47)
Regions 5, 18, 23, 24, and 46	4.20	(3.21 - 5.47)	1.15	(0.90 - 1.48)	45.50	(41.38 - 49.67)
Regions 6, 12, 16, 31, 35, 39, 45, and 47	5.57	(4.49 - 6.89)	2.10	(1.67 - 2.63)	40.58	(36.53 - 44.77)
Regions 7, 13, 20, and 33	6.19	(5.26 - 7.28)	1.82	(1.55 - 2.13)	34.22	(31.36 - 37.21)
Regions 10, 14, 15, 27, 32, 43, and 44	5.78	(4.48 - 7.43)	1.31	(1.03 - 1.68)	43.62	(39.25 - 48.10)
Regions 17 and 21	6.29	(4.81 - 8.19)	1.95	(1.49 - 2.54)	37.64	(32.60 - 42.97)
Regions 19, 26, 28, and 42	4.92	(4.01 - 6.02)	1.56	(1.30 - 1.88)	41.84	(38.36 - 45.41)
Regions 22, 38, 40, 41, and 48	5.05	(3.85 - 6.60)	1.24	(0.99 - 1.56)	40.05	(35.87 - 44.37)
Regions 25 and 30	6.22	(4.83 - 7.96)	1.41	(1.11 - 1.79)	44.21	(39.71 - 48.80)
Regions 29 and 34	5.51	(4.21 - 7.18)	1.34	(1.04 - 1.72)	40.64	(35.96 - 45.51)
Region 36 (Philadelphia)	7.86	(6.48 - 9.49)	1.90	(1.57 - 2.30)	40.94	(37.29 - 44.69)

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

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

[1] *Average annual rate* $= 100*\{[X_1 \div (0.5 * X_1 + X_2)] \div 2\}$, where X_1 is the number of marijuana initiates in the past 24 months and X_2 is the number of persons who never used marijuana. Both of the computation components, X_1 and X_2, are based on a survey-weighted hierarchical Bayes estimation approach. Note that the age group is based on a respondent's age at the time of the interview, not his or her age at first use. The prediction intervals for Average Annual Rate of First Use of Marijuana use a simultaneous solution for First Use of Marijuana and Never Used Marijuana outcomes, which had age group-specific random effects that were allowed to be correlated across the two outcomes. The associated Markov Chain Monte Carlo chains were used to calculate the posterior variance.

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

Table 39.3 *Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year* **in Pennsylvania among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

State/Substate Region	Marijuana Use in Past Year		Cocaine Use in Past Year		Nonmedical Use of Pain Relievers in Past Year	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Pennsylvania	10.58	(9.90 - 11.30)	2.35	(2.04 - 2.69)	4.21	(3.80 - 4.65)
Region 1 (Allegheny)	12.04	(10.15 - 14.22)	2.61	(1.92 - 3.54)	4.54	(3.58 - 5.74)
Regions 2, 3, 8, and 9	9.00	(7.33 - 11.00)	2.19	(1.58 - 3.03)	4.09	(3.15 - 5.30)
Regions 4, 11, 37, and 49	9.17	(7.53 - 11.13)	1.90	(1.36 - 2.65)	4.37	(3.43 - 5.54)
Regions 5, 18, 23, 24, and 46	7.99	(6.55 - 9.71)	1.67	(1.17 - 2.38)	3.44	(2.67 - 4.42)
Regions 6, 12, 16, 31, 35, 39, 45, and 47	10.28	(8.75 - 12.05)	2.20	(1.62 - 2.97)	3.93	(3.08 - 5.00)
Regions 7, 13, 20, and 33	11.94	(10.52 - 13.52)	2.33	(1.82 - 2.97)	4.20	(3.46 - 5.10)
Regions 10, 14, 15, 27, 32, 43, and 44	9.20	(7.37 - 11.44)	2.41	(1.72 - 3.37)	5.26	(4.06 - 6.80)
Regions 17 and 21	12.49	(10.12 - 15.33)	2.65	(1.90 - 3.70)	4.72	(3.60 - 6.18)
Regions 19, 26, 28, and 42	8.66	(7.33 - 10.21)	1.99	(1.49 - 2.65)	3.39	(2.67 - 4.29)
Regions 22, 38, 40, 41, and 48	8.76	(7.11 - 10.76)	2.25	(1.65 - 3.07)	4.44	(3.47 - 5.66)
Regions 25 and 30	10.70	(8.79 - 12.97)	2.68	(1.92 - 3.73)	4.63	(3.56 - 6.01)
Regions 29 and 34	8.54	(6.74 - 10.76)	1.84	(1.28 - 2.66)	3.64	(2.71 - 4.89)
Region 36 (Philadelphia)	13.77	(11.70 - 16.13)	3.25	(2.34 - 4.51)	4.53	(3.61 - 5.67)

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

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

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

Table 39.4 *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 Pennsylvania among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

State/Substate Region	Alcohol Use in Past Month		Binge Alcohol Use in Past Month[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
Pennsylvania	52.89	(51.43 - 54.34)	24.10	(23.04 - 25.18)	37.04	(35.67 - 38.42)
Region 1 (Allegheny)	60.76	(56.73 - 64.66)	28.04	(24.98 - 31.32)	33.39	(30.07 - 36.90)
Regions 2, 3, 8, and 9	51.60	(46.63 - 56.53)	24.99	(21.75 - 28.55)	35.02	(31.11 - 39.14)
Regions 4, 11, 37, and 49	53.21	(48.70 - 57.67)	23.90	(20.94 - 27.14)	34.60	(30.98 - 38.40)
Regions 5, 18, 23, 24, and 46	43.01	(38.81 - 47.32)	19.96	(17.29 - 22.93)	38.47	(34.79 - 42.29)
Regions 6, 12, 16, 31, 35, 39, 45, and 47	51.08	(46.86 - 55.28)	26.25	(23.43 - 29.28)	35.49	(32.03 - 39.10)
Regions 7, 13, 20, and 33	61.52	(58.59 - 64.36)	25.23	(23.09 - 27.50)	35.92	(33.33 - 38.60)
Regions 10, 14, 15, 27, 32, 43, and 44	47.63	(42.62 - 52.69)	22.45	(19.31 - 25.94)	35.21	(31.53 - 39.08)
Regions 17 and 21	55.39	(49.75 - 60.90)	27.13	(23.41 - 31.19)	35.86	(31.73 - 40.21)
Regions 19, 26, 28, and 42	48.90	(45.14 - 52.67)	20.59	(18.26 - 23.13)	40.43	(37.18 - 43.76)
Regions 22, 38, 40, 41, and 48	50.53	(45.99 - 55.06)	22.13	(19.18 - 25.39)	36.40	(32.67 - 40.30)
Regions 25 and 30	53.81	(48.79 - 58.75)	25.97	(22.52 - 29.74)	35.78	(31.90 - 39.86)
Regions 29 and 34	51.29	(45.80 - 56.75)	22.51	(19.37 - 26.00)	37.81	(33.79 - 42.00)
Region 36 (Philadelphia)	45.00	(41.08 - 48.98)	23.65	(20.97 - 26.56)	42.91	(39.54 - 46.36)

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

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

[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, 2004, 2005, and 2006.

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Table 39.5 *Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20* in Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs

State/Substate Region	Alcohol Use in Past Month among Persons Aged 12 to 20		Binge Alcohol Use in Past Month among Persons Aged 12 to 20[1]	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Pennsylvania	29.51	(28.31 - 30.73)	20.46	(19.36 - 21.60)
Region 1 (Allegheny)	33.86	(30.56 - 37.32)	22.74	(19.88 - 25.88)
Regions 2, 3, 8, and 9	32.04	(28.27 - 36.06)	23.62	(20.36 - 27.22)
Regions 4, 11, 37, and 49	29.57	(26.22 - 33.16)	20.21	(17.14 - 23.69)
Regions 5, 18, 23, 24, and 46	25.21	(21.69 - 29.10)	16.88	(13.91 - 20.34)
Regions 6, 12, 16, 31, 35, 39, 45, and 47	33.60	(30.46 - 36.89)	25.86	(22.83 - 29.13)
Regions 7, 13, 20, and 33	32.28	(29.76 - 34.92)	23.07	(20.73 - 25.58)
Regions 10, 14, 15, 27, 32, 43, and 44	27.94	(24.18 - 32.04)	19.81	(16.37 - 23.77)
Regions 17 and 21	33.07	(28.86 - 37.58)	23.72	(20.07 - 27.81)
Regions 19, 26, 28, and 42	27.86	(25.14 - 30.75)	17.84	(15.54 - 20.40)
Regions 22, 38, 40, 41, and 48	28.30	(24.76 - 32.12)	19.97	(16.88 - 23.46)
Regions 25 and 30	30.32	(26.26 - 34.72)	22.22	(18.77 - 26.11)
Regions 29 and 34	28.33	(24.22 - 32.83)	19.43	(15.84 - 23.60)
Region 36 (Philadelphia)	22.90	(20.06 - 26.01)	14.35	(12.16 - 16.87)

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

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

[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, 2004, 2005, and 2006.

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Table 39.6 *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 Pennsylvania among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

State/Substate Region	Cigarette Use in Past Month		Tobacco Product Use in Past Month[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
Pennsylvania	26.68	(25.48 - 27.93)	31.57	(30.31 - 32.85)	73.91	(72.66 - 75.12)
Region 1 (Allegheny)	27.50	(24.53 - 30.70)	32.59	(29.50 - 35.83)	75.23	(72.35 - 77.90)
Regions 2, 3, 8, and 9	29.11	(25.73 - 32.74)	35.79	(31.97 - 39.79)	71.44	(67.89 - 74.74)
Regions 4, 11, 37, and 49	27.28	(24.29 - 30.49)	32.64	(29.37 - 36.08)	71.73	(68.54 - 74.70)
Regions 5, 18, 23, 24, and 46	26.97	(23.93 - 30.25)	33.05	(29.92 - 36.34)	71.57	(68.55 - 74.40)
Regions 6, 12, 16, 31, 35, 39, 45, and 47	24.90	(22.10 - 27.93)	30.48	(27.52 - 33.62)	71.87	(68.72 - 74.81)
Regions 7, 13, 20, and 33	23.67	(21.57 - 25.90)	27.98	(25.62 - 30.47)	78.09	(75.91 - 80.13)
Regions 10, 14, 15, 27, 32, 43, and 44	29.18	(25.83 - 32.78)	35.38	(31.74 - 39.20)	68.63	(65.02 - 72.03)
Regions 17 and 21	26.21	(22.90 - 29.81)	31.10	(27.33 - 35.14)	72.92	(69.44 - 76.15)
Regions 19, 26, 28, and 42	25.86	(23.24 - 28.67)	30.32	(27.52 - 33.28)	73.82	(71.03 - 76.43)
Regions 22, 38, 40, 41, and 48	28.23	(24.98 - 31.72)	33.95	(30.54 - 37.54)	70.57	(67.20 - 73.73)
Regions 25 and 30	27.50	(24.32 - 30.93)	32.63	(29.07 - 36.41)	74.51	(71.11 - 77.64)
Regions 29 and 34	26.40	(23.00 - 30.10)	30.59	(27.07 - 34.34)	74.53	(71.11 - 77.67)
Region 36 (Philadelphia)	28.97	(25.96 - 32.18)	32.09	(29.04 - 35.31)	74.48	(71.63 - 77.13)

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

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

[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, 2004, 2005, and 2006.

Table 39.7 *Alcohol Dependence in Past Year and Illicit Drug Dependence in Past Year* in Pennsylvania among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs

State/Substate Region	Alcohol Dependence in Past Year		Illicit Drug Dependence in Past Year[1]	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Pennsylvania	3.06	(2.69 - 3.48)	1.72	(1.49 - 2.00)
Region 1 (Allegheny)	3.29	(2.49 - 4.34)	2.03	(1.46 - 2.82)
Regions 2, 3, 8, and 9	2.80	(2.06 - 3.80)	1.42	(0.99 - 2.04)
Regions 4, 11, 37, and 49	2.86	(2.13 - 3.85)	1.63	(1.17 - 2.25)
Regions 5, 18, 23, 24, and 46	2.63	(1.97 - 3.51)	1.22	(0.83 - 1.80)
Regions 6, 12, 16, 31, 35, 39, 45, and 47	3.65	(2.84 - 4.68)	1.48	(1.07 - 2.06)
Regions 7, 13, 20, and 33	2.75	(2.14 - 3.52)	1.93	(1.50 - 2.48)
Regions 10, 14, 15, 27, 32, 43, and 44	2.89	(2.11 - 3.95)	1.78	(1.25 - 2.54)
Regions 17 and 21	3.63	(2.66 - 4.92)	1.57	(1.08 - 2.28)
Regions 19, 26, 28, and 42	2.63	(1.98 - 3.49)	1.31	(0.95 - 1.80)
Regions 22, 38, 40, 41, and 48	2.68	(1.94 - 3.69)	1.62	(1.14 - 2.28)
Regions 25 and 30	3.23	(2.35 - 4.42)	1.83	(1.24 - 2.70)
Regions 29 and 34	2.73	(1.92 - 3.87)	1.39	(0.95 - 2.04)
Region 36 (Philadelphia)	4.13	(3.12 - 5.43)	2.26	(1.69 - 3.02)

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

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

NOTE: Dependence is based on the definition found in the 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.

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

Table 39.8 *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 Pennsylvania among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

State/Substate Region	Alcohol Dependence or Abuse in Past Year		Illicit Drug Dependence or Abuse in Past Year[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
Pennsylvania	7.13	(6.57 - 7.74)	2.56	(2.27 - 2.88)	8.52	(7.90 - 9.20)
Region 1 (Allegheny)	8.03	(6.68 - 9.63)	2.68	(2.03 - 3.55)	9.56	(7.98 - 11.40)
Regions 2, 3, 8, and 9	7.40	(5.92 - 9.22)	2.44	(1.82 - 3.26)	8.81	(7.20 - 10.72)
Regions 4, 11, 37, and 49	6.89	(5.62 - 8.43)	2.76	(2.09 - 3.64)	8.45	(7.02 - 10.14)
Regions 5, 18, 23, 24, and 46	5.75	(4.61 - 7.14)	1.79	(1.27 - 2.53)	6.47	(5.20 - 8.01)
Regions 6, 12, 16, 31, 35, 39, 45, and 47	8.60	(7.25 - 10.18)	2.40	(1.80 - 3.20)	9.61	(8.20 - 11.24)
Regions 7, 13, 20, and 33	7.25	(6.17 - 8.50)	2.68	(2.15 - 3.35)	8.71	(7.57 - 10.00)
Regions 10, 14, 15, 27, 32, 43, and 44	6.67	(5.33 - 8.31)	2.88	(2.13 - 3.89)	8.46	(6.90 - 10.34)
Regions 17 and 21	8.32	(6.67 - 10.33)	2.58	(1.87 - 3.56)	9.66	(7.94 - 11.71)
Regions 19, 26, 28, and 42	6.15	(5.08 - 7.44)	2.00	(1.53 - 2.62)	7.09	(5.89 - 8.52)
Regions 22, 38, 40, 41, and 48	6.26	(5.05 - 7.72)	2.30	(1.69 - 3.12)	7.65	(6.22 - 9.37)
Regions 25 and 30	7.25	(5.88 - 8.92)	2.61	(1.91 - 3.54)	8.81	(7.24 - 10.68)
Regions 29 and 34	6.09	(4.71 - 7.85)	2.01	(1.43 - 2.82)	7.02	(5.51 - 8.90)
Region 36 (Philadelphia)	7.77	(6.45 - 9.32)	3.39	(2.62 - 4.39)	9.78	(8.22 - 11.59)

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

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

NOTE: Dependence 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.

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

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Table 39.9 *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 Pennsylvania among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs

State/Substate Region	Needing But Not Receiving Treatment for Alcohol Use in Past Year[1]		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year[2]	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Pennsylvania	6.82	(6.26 - 7.43)	2.27	(2.02 - 2.56)
Region 1 (Allegheny)	7.69	(6.32 - 9.33)	2.41	(1.80 - 3.21)
Regions 2, 3, 8, and 9	7.14	(5.70 - 8.90)	2.15	(1.56 - 2.95)
Regions 4, 11, 37, and 49	6.63	(5.38 - 8.15)	2.36	(1.77 - 3.14)
Regions 5, 18, 23, 24, and 46	5.54	(4.43 - 6.92)	1.53	(1.10 - 2.14)
Regions 6, 12, 16, 31, 35, 39, 45, and 47	8.38	(7.06 - 9.91)	2.16	(1.62 - 2.86)
Regions 7, 13, 20, and 33	6.95	(5.95 - 8.11)	2.18	(1.73 - 2.75)
Regions 10, 14, 15, 27, 32, 43, and 44	6.24	(4.98 - 7.80)	2.57	(1.88 - 3.52)
Regions 17 and 21	7.94	(6.38 - 9.84)	2.34	(1.70 - 3.21)
Regions 19, 26, 28, and 42	5.80	(4.71 - 7.11)	1.84	(1.41 - 2.42)
Regions 22, 38, 40, 41, and 48	5.83	(4.67 - 7.26)	1.99	(1.45 - 2.72)
Regions 25 and 30	6.78	(5.45 - 8.42)	2.33	(1.68 - 3.23)
Regions 29 and 34	5.80	(4.48 - 7.47)	1.72	(1.22 - 2.41)
Region 36 (Philadelphia)	7.57	(6.26 - 9.12)	3.38	(2.56 - 4.44)

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

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

[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), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically.

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

PENNSYLVANIA

Table 39.10 *Serious Psychological Distress in Past Year and Having at Least One Major Depressive Episode in Past Year* **in Pennsylvania among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

State/Substate Region	Serious Psychological Distress in Past Year[1]		Having at Least One Major Depressive Episode in Past Year[2]	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Pennsylvania	11.27	(10.42 - 12.17)	7.16	(6.36 - 8.05)
Region 1 (Allegheny)	13.22	(11.18 - 15.56)	8.07	(6.36 - 10.20)
Regions 2, 3, 8, and 9	11.23	(9.22 - 13.60)	7.29	(5.62 - 9.41)
Regions 4, 11, 37, and 49	11.22	(9.30 - 13.47)	7.33	(5.64 - 9.48)
Regions 5, 18, 23, 24, and 46	10.36	(8.59 - 12.44)	7.76	(6.10 - 9.83)
Regions 6, 12, 16, 31, 35, 39, 45, and 47	11.71	(9.91 - 13.77)	6.88	(5.41 - 8.70)
Regions 7, 13, 20, and 33	9.13	(7.81 - 10.64)	5.79	(4.54 - 7.35)
Regions 10, 14, 15, 27, 32, 43, and 44	13.42	(11.02 - 16.25)	7.39	(5.68 - 9.57)
Regions 17 and 21	12.39	(10.12 - 15.08)	7.46	(5.70 - 9.71)
Regions 19, 26, 28, and 42	10.95	(9.26 - 12.89)	6.86	(5.39 - 8.70)
Regions 22, 38, 40, 41, and 48	12.07	(10.02 - 14.46)	7.53	(5.77 - 9.78)
Regions 25 and 30	11.27	(9.20 - 13.74)	7.53	(5.75 - 9.80)
Regions 29 and 34	9.90	(8.04 - 12.12)	6.75	(5.18 - 8.75)
Region 36 (Philadelphia)	12.56	(10.67 - 14.73)	8.18	(6.44 - 10.33)

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

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.
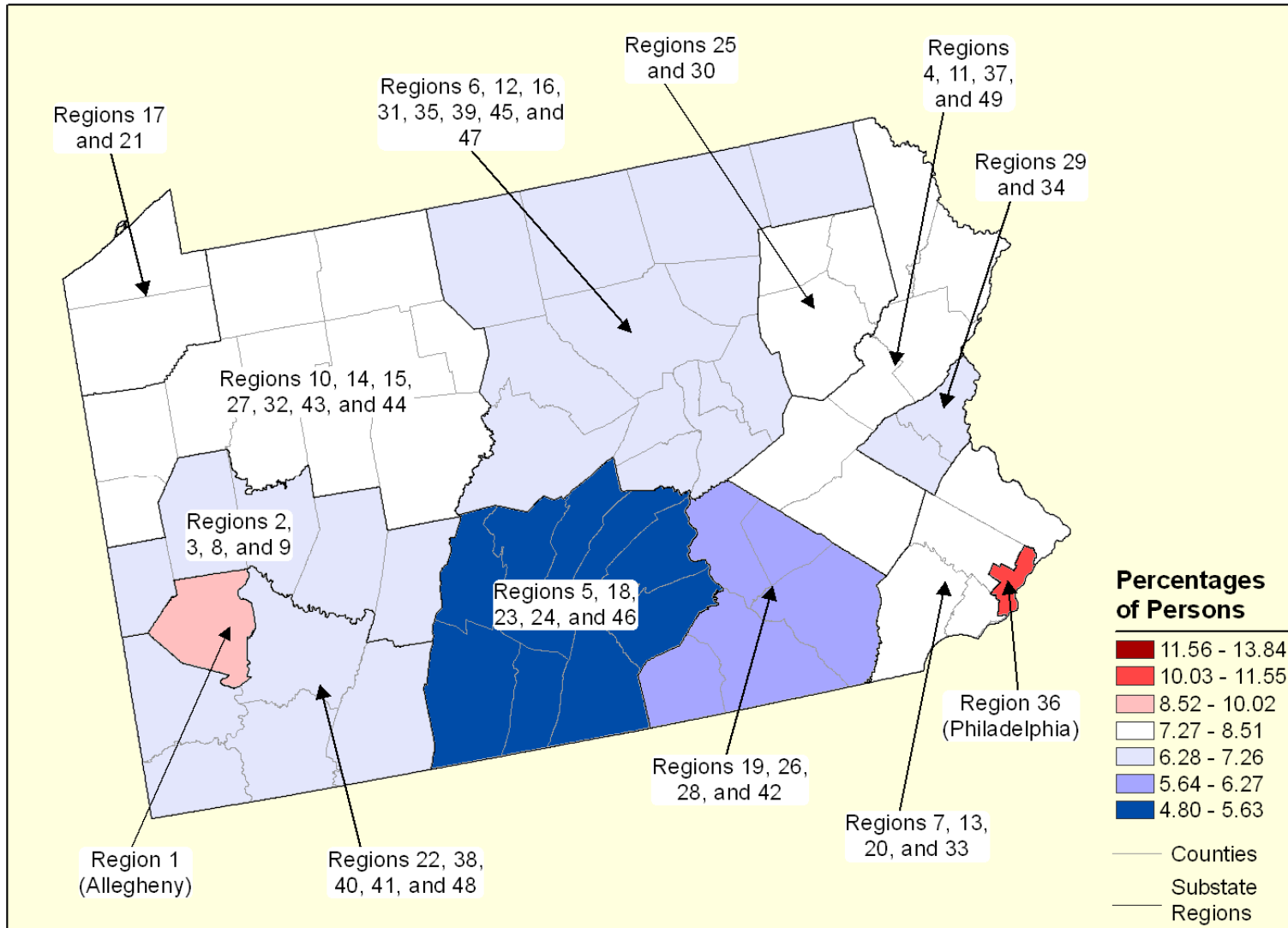
[1] Serious Psychological Distress (SPD) is defined as having a score of 13 or higher on the K6 scale. Because of questionnaire changes, these estimates are not comparable with estimates from the 2002-2004 substate report. For details, see Section B.7 of the report on *Substate Estimates from the 2004-2006 National Surveys on Drug Use and Health.* Data for SPD are not defined for 12 to 17 year olds; therefore, the estimates reflect only those aged 18 or older.

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

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

Figure 39.1.1 *Illicit Drug Use in Past Month* among Persons Aged 12 or Older in Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs
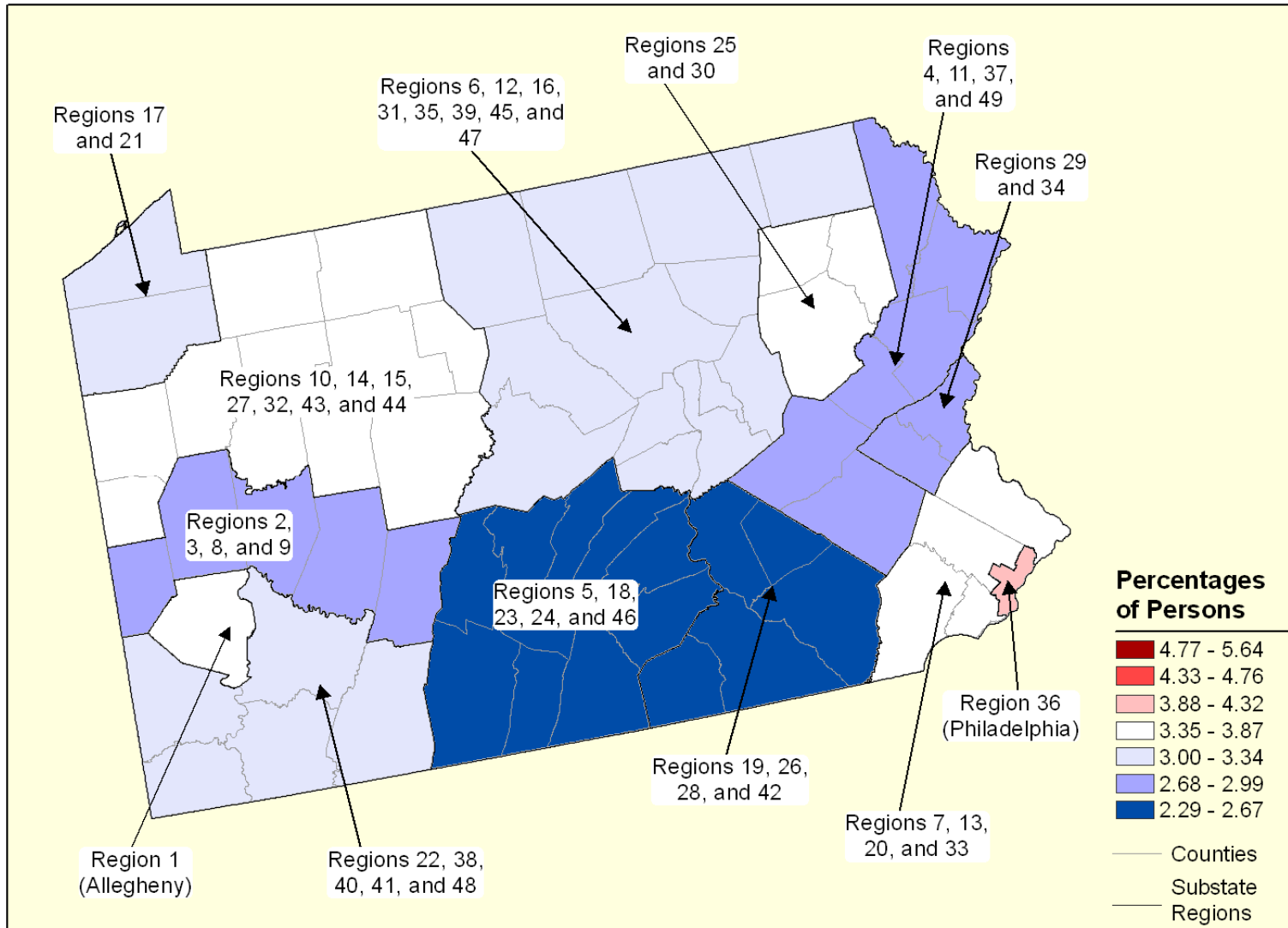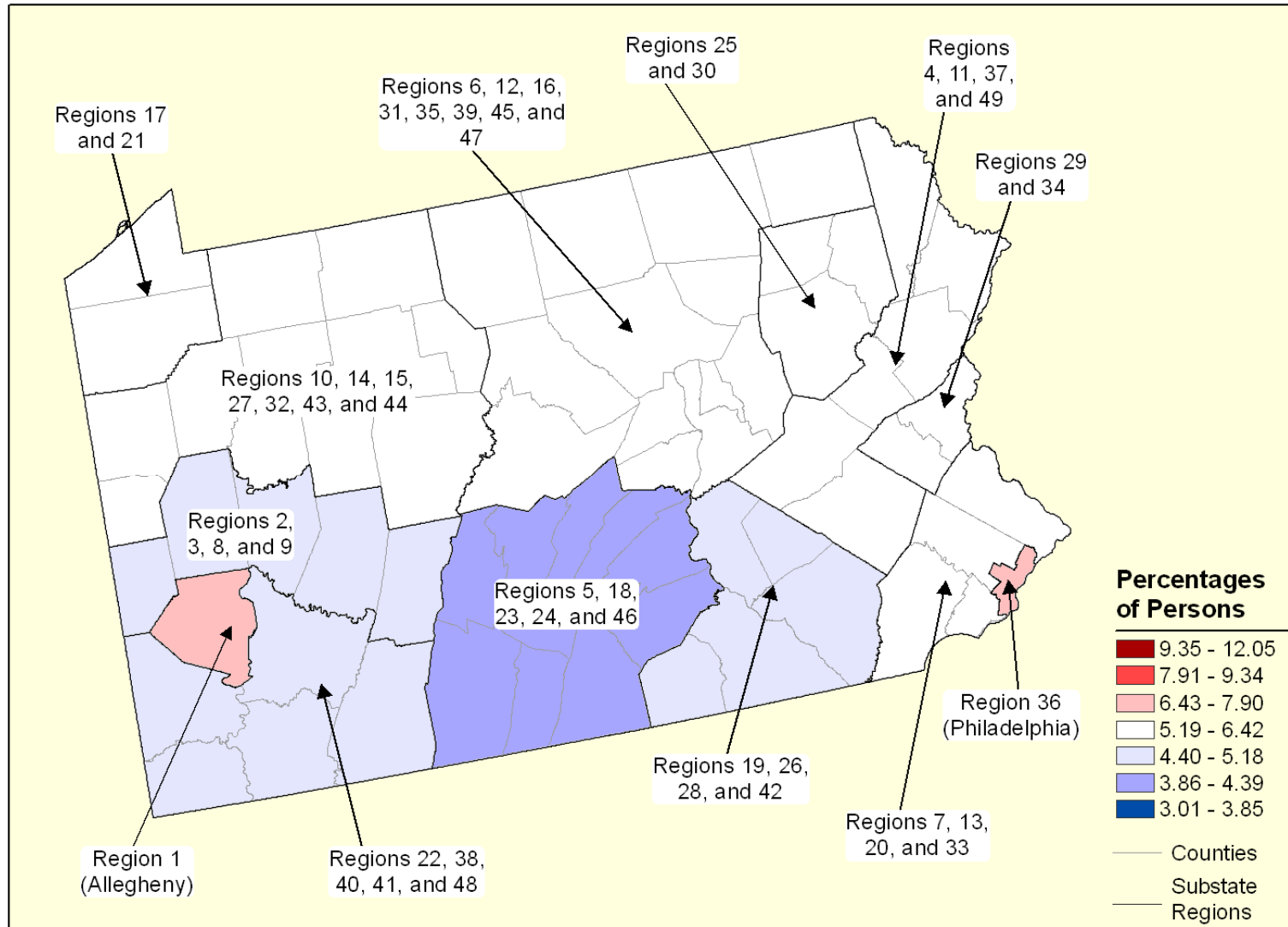

NOTE: The legend's ranges were created by dividing 345 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 National Surveys on Drug Use and Health*.

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

Figure 39.1.2 *Illicit Drug Use Other Than Marijuana in Past Month* among Persons Aged 12 or Older in Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs
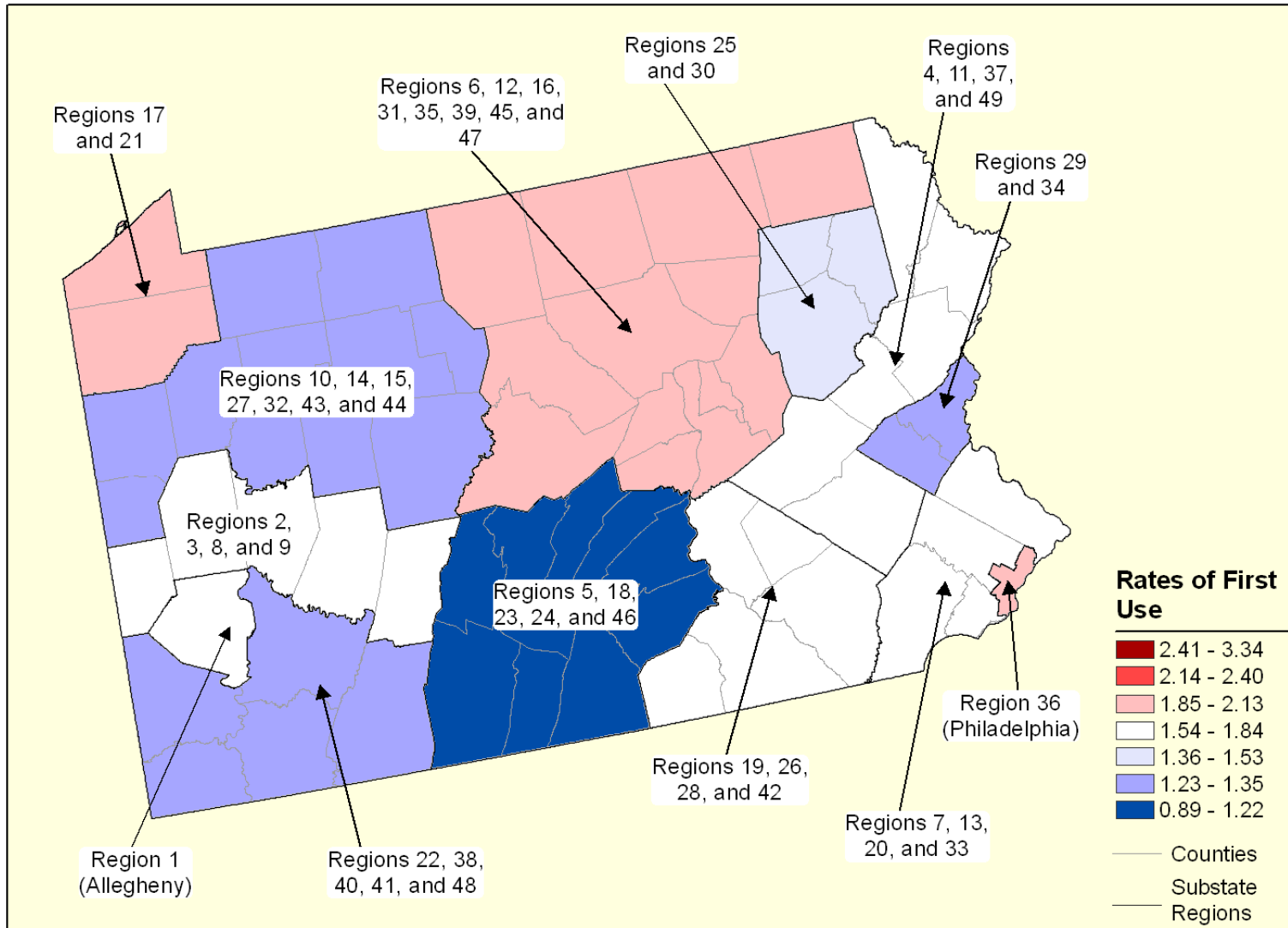
NOTE: The legend's ranges were created by dividing 345 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 National Surveys on Drug Use and Health*.
Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

Figure 39.2.1 *Marijuana Use in Past Month* among Persons Aged 12 or Older in Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs

Regions 17 and 21

Regions 6, 12, 16, 31, 35, 39, 45, and 47

Regions 25 and 30

Regions 4, 11, 37, and 49

Regions 29 and 34

Regions 10, 14, 15, 27, 32, 43, and 44

Regions 2, 3, 8, and 9

Regions 5, 18, 23, 24, and 46

Region 36 (Philadelphia)

Percentages of Persons

- 9.35 - 12.05
- 7.91 - 9.34
- 6.43 - 7.90
- 5.19 - 6.42
- 4.40 - 5.18
- 3.86 - 4.39
- 3.01 - 3.85

Counties

Substate Regions

Regions 19, 26, 28, and 42

Regions 7, 13, 20, and 33

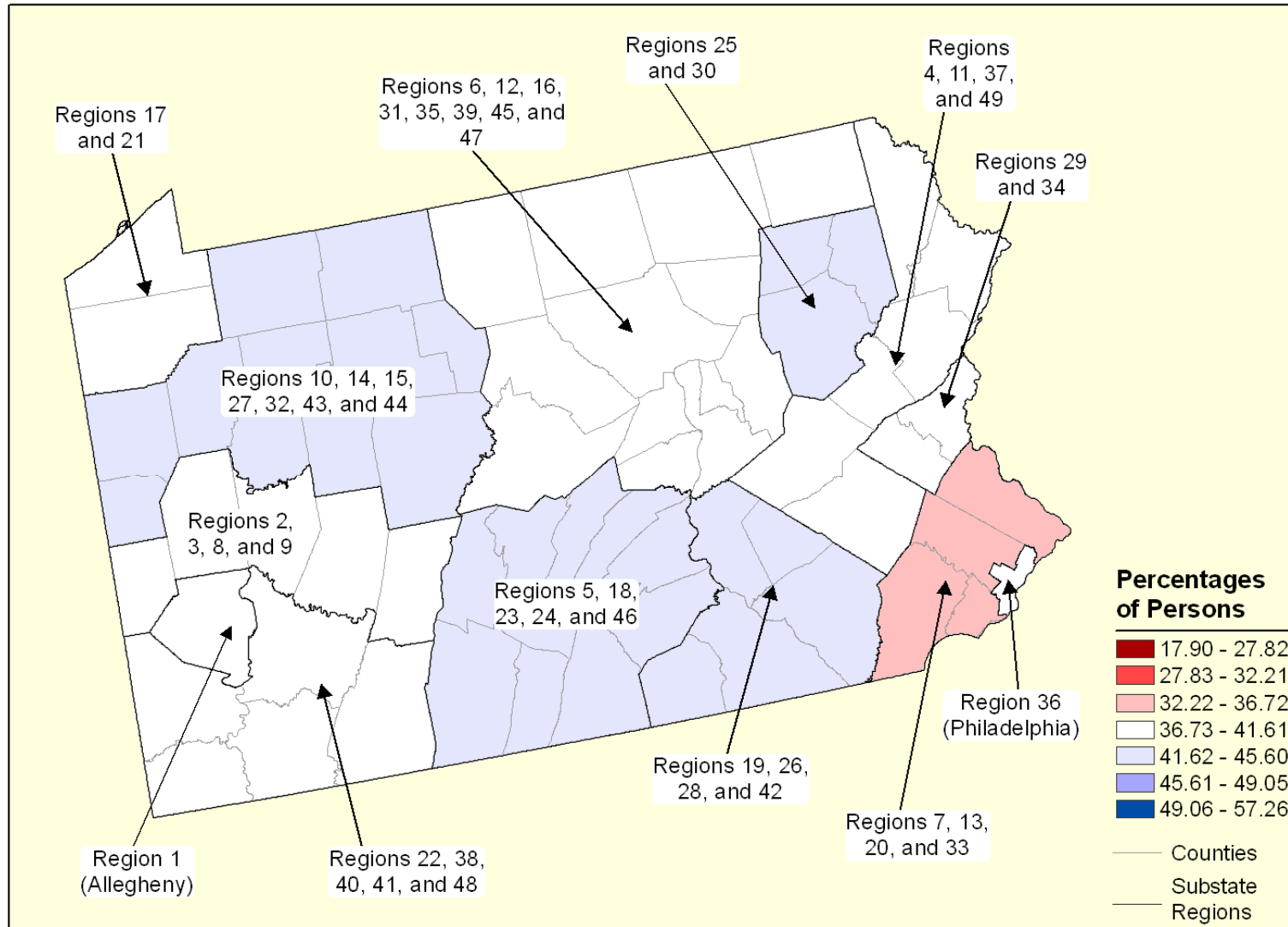Region 1 (Allegheny)

Regions 22, 38, 40, 41, and 48

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

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

Figure 39.2.2 *First Use of Marijuana* among Persons Aged 12 or Older in Pennsylvania, by Substate Region: Average Annual Rates Based on 2004, 2005, and 2006 NSDUHs

Regions 25 and 30

Regions 4, 11, 37, and 49

Regions 6, 12, 16, 31, 35, 39, 45, and 47

Regions 17 and 21

Regions 29 and 34

Regions 10, 14, 15, 27, 32, 43, and 44

Regions 2, 3, 8, and 9

Regions 5, 18, 23, 24, and 46

Region 36 (Philadelphia)

Regions 19, 26, 28, and 42

Regions 7, 13, 20, and 33

Region 1 (Allegheny)

Regions 22, 38, 40, 41, and 48

Rates of First Use

- 2.41 - 3.34
- 2.14 - 2.40
- 1.85 - 2.13
- 1.54 - 1.84
- 1.36 - 1.53
- 1.23 - 1.35
- 0.89 - 1.22

— Counties
— Substate Regions

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

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

Figure 39.2.3 *Perceptions of Great Risk of Smoking Marijuana Once a Month* among Persons Aged 12 or Older in Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs
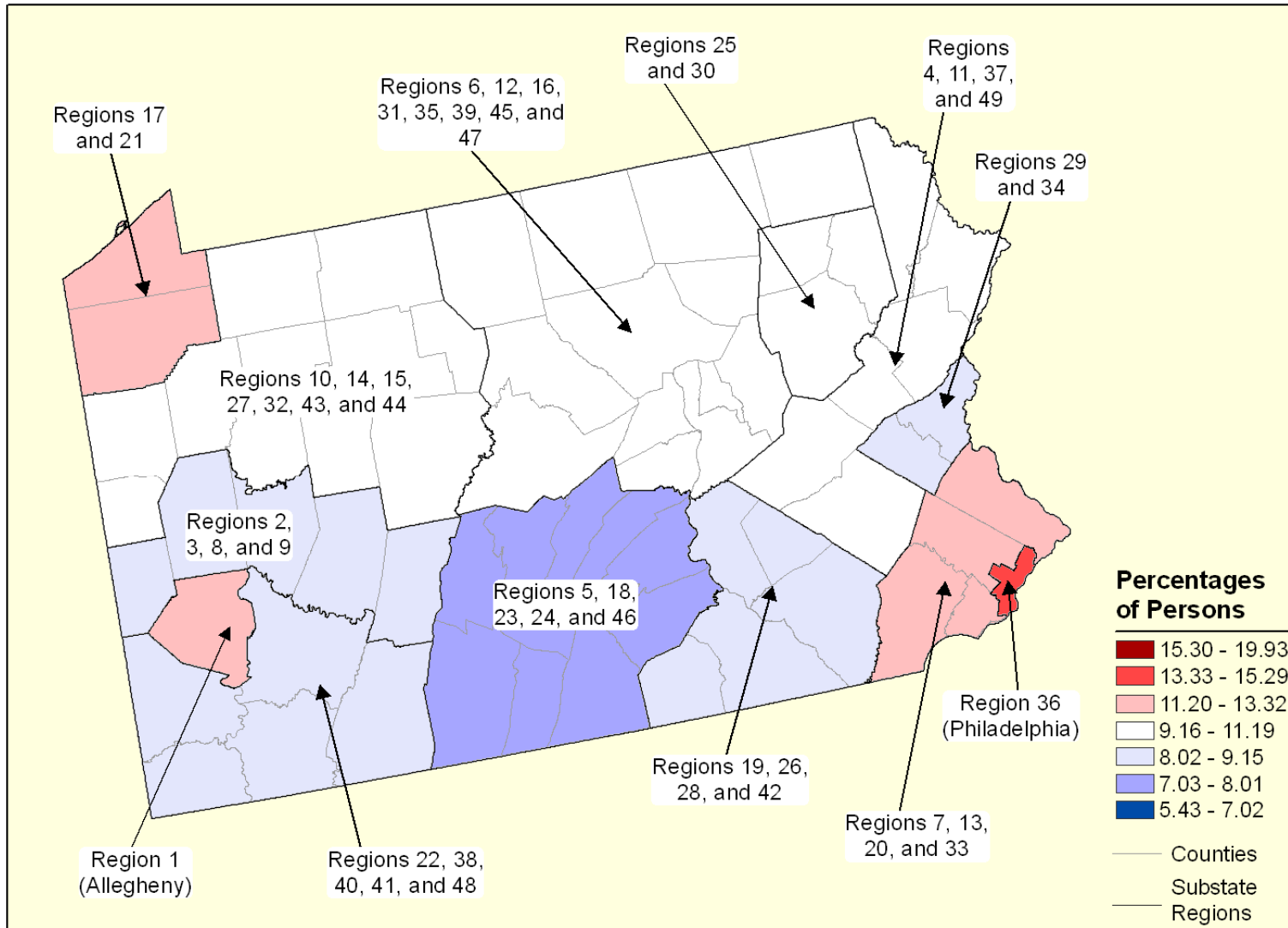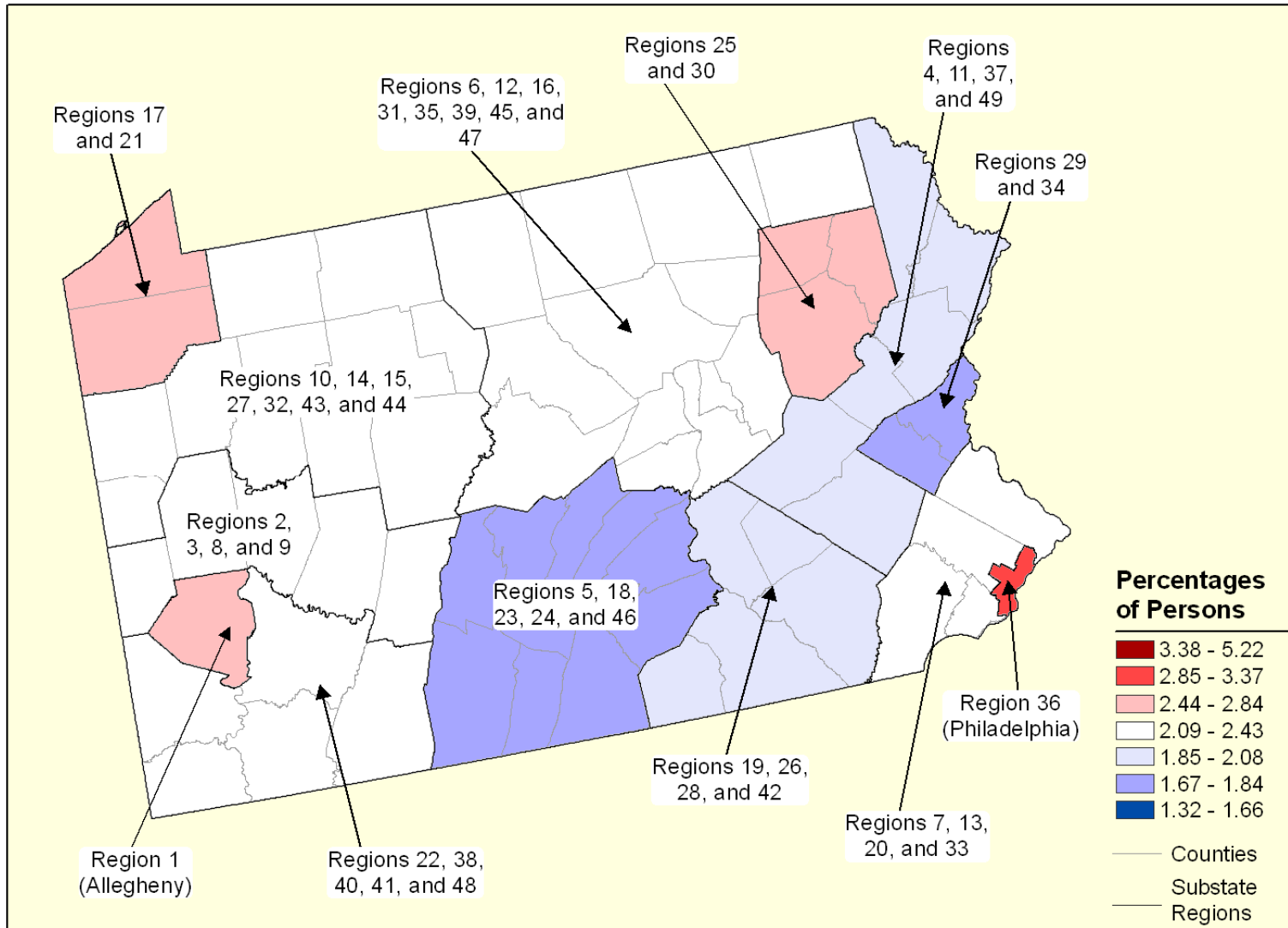

NOTE: The legend's ranges were created by dividing 345 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 National Surveys on Drug Use and Health*.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.
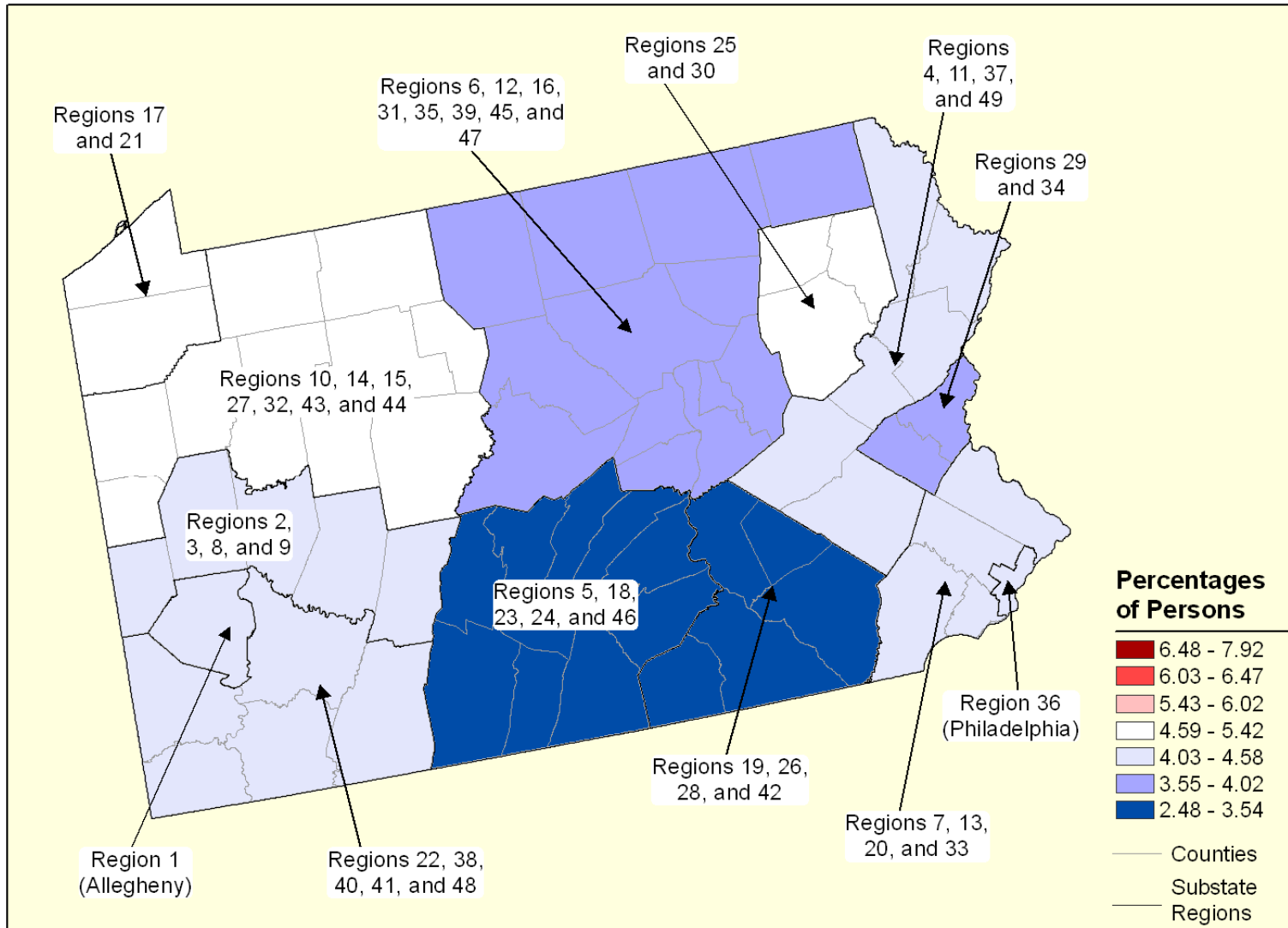
Figure 39.3.1 *Marijuana Use in Past Year* among Persons Aged 12 or Older in Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs

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

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

Figure 39.3.2 *Cocaine Use in Past Year* among Persons Aged 12 or Older in Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs
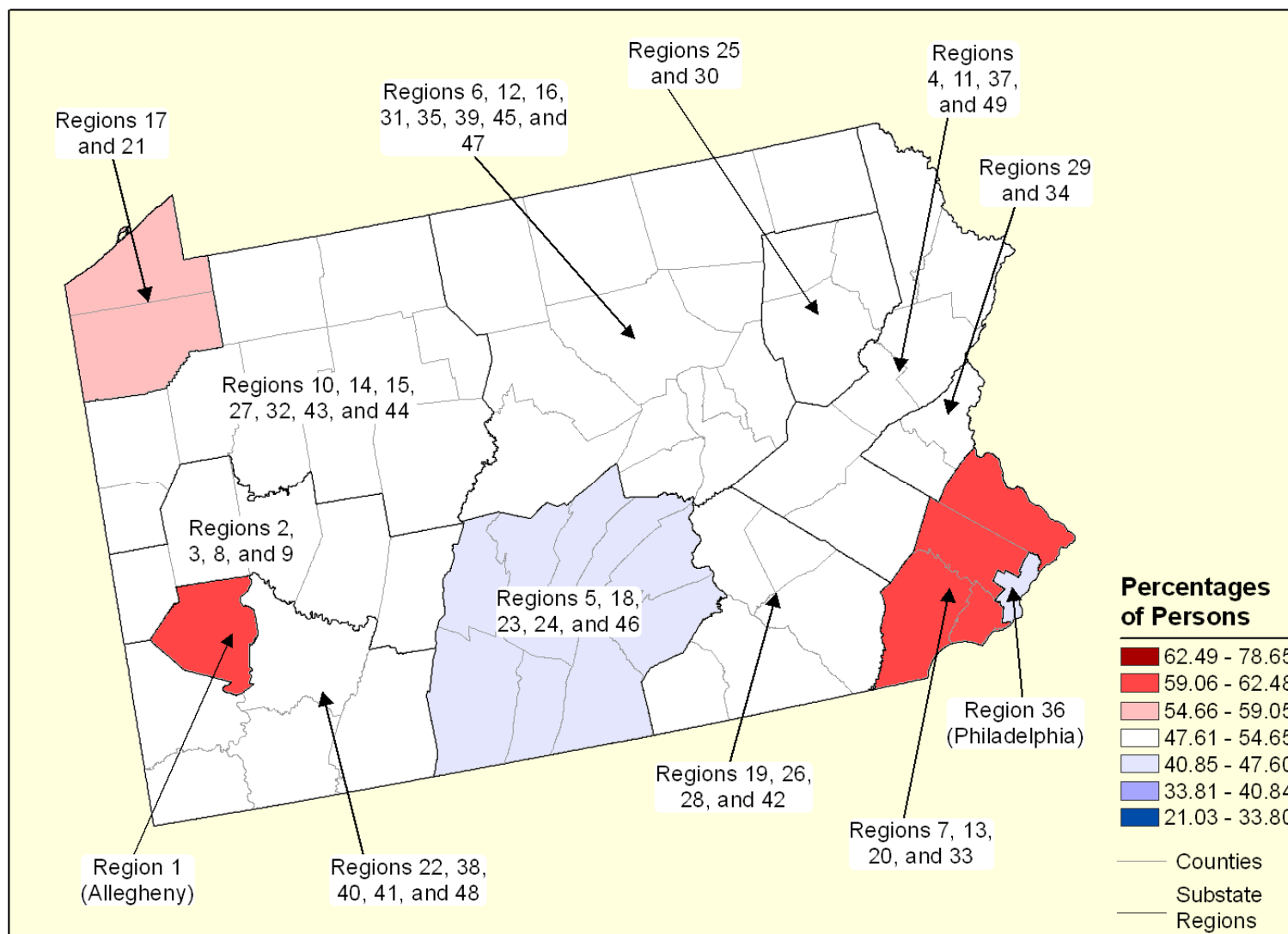
NOTE: The legend's ranges were created by dividing 345 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 National Surveys on Drug Use and Health*.

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

Figure 39.3.3 *Nonmedical Use of Pain Relievers in Past Year* among Persons Aged 12 or Older in Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs
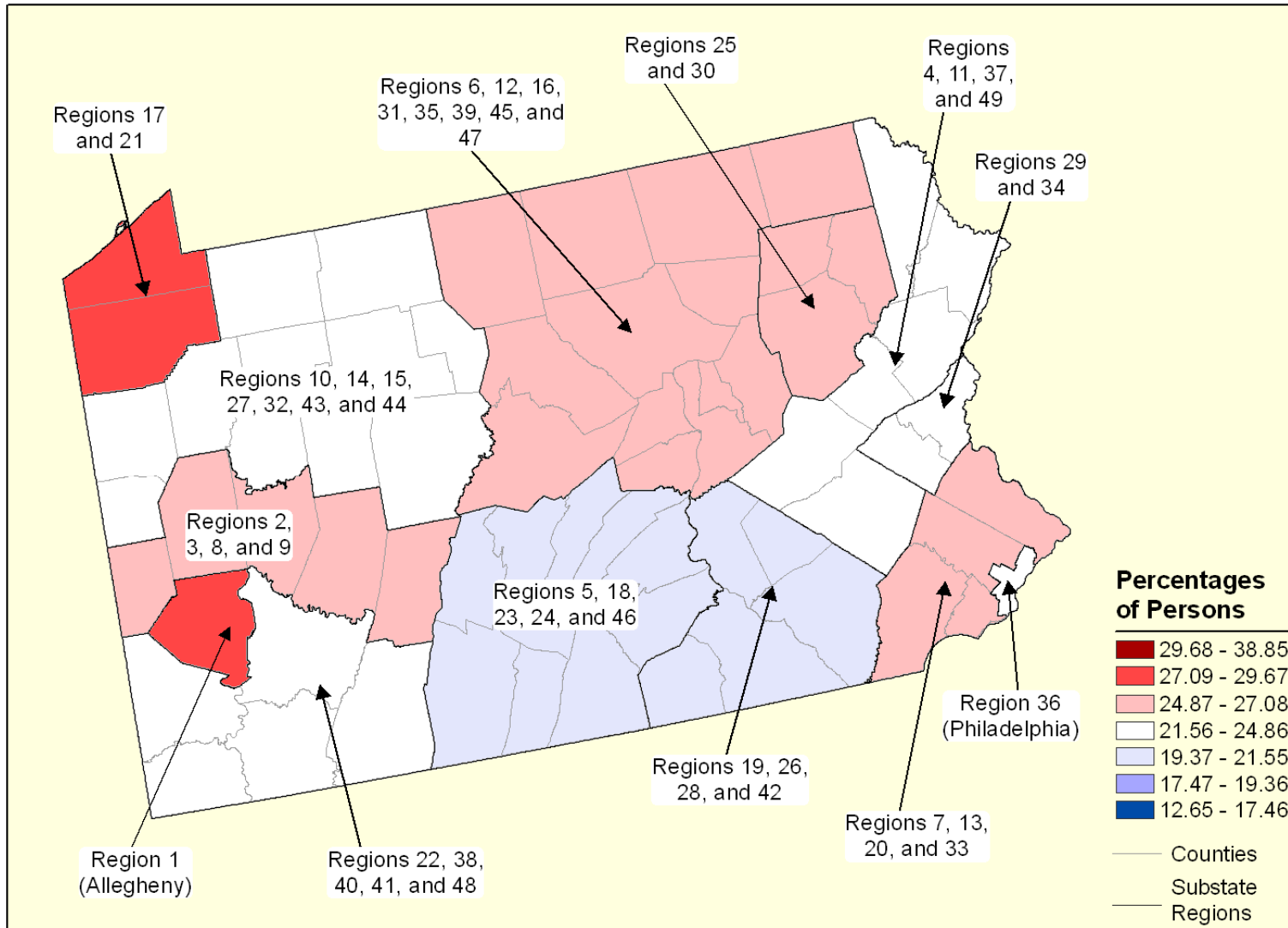

NOTE: The legend's ranges were created by dividing 345 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 National Surveys on Drug Use and Health*.

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

Figure 39.4.1 *Alcohol Use in Past Month* among Persons Aged 12 or Older in Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs

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

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

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Figure 39.4.2 *Binge Alcohol Use in Past Month* among Persons Aged 12 or Older in Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs
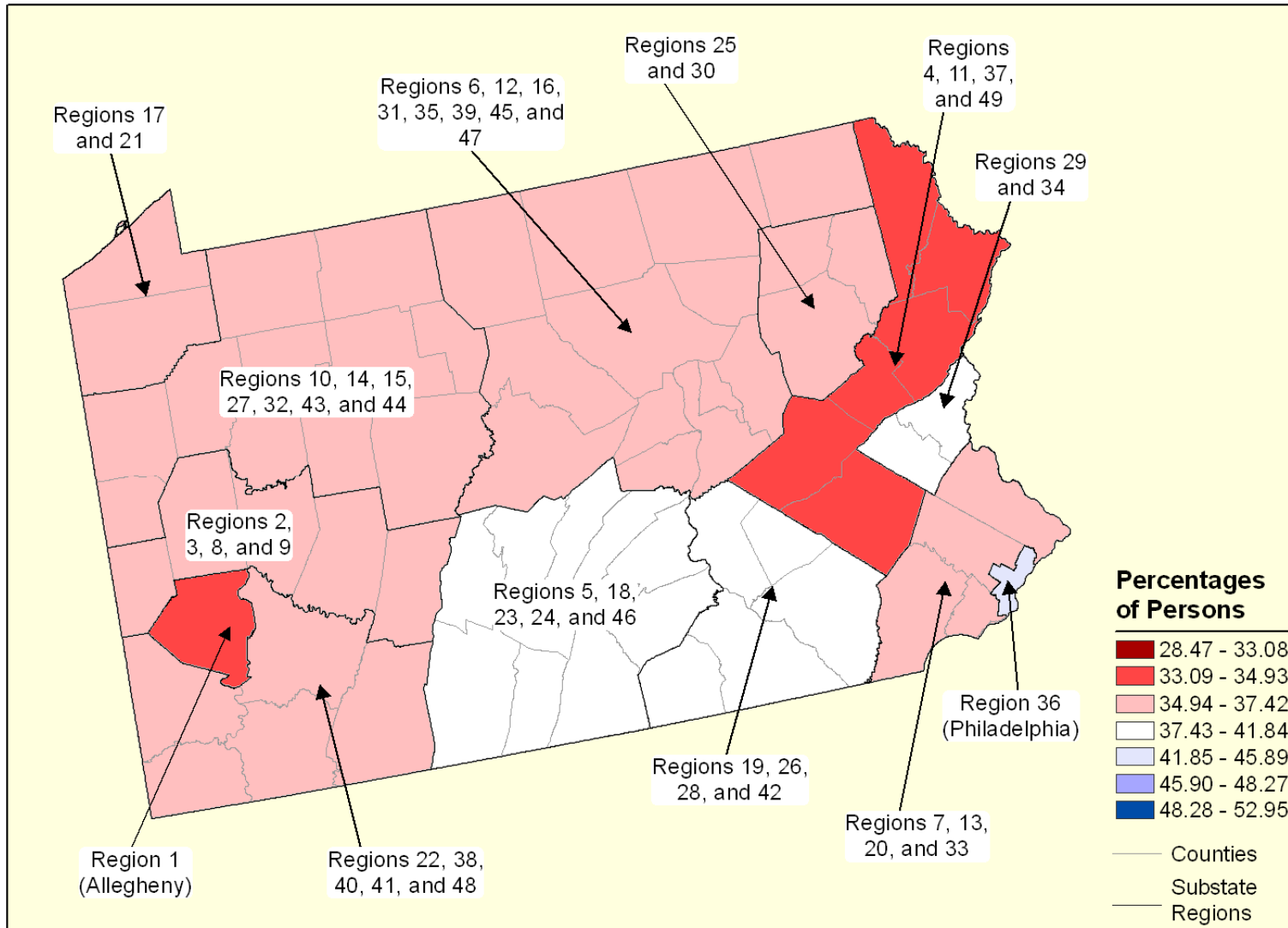
NOTE: The legend's ranges were created by dividing 345 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 National Surveys on Drug Use and Health*.

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

Figure 39.4.3 *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 Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs
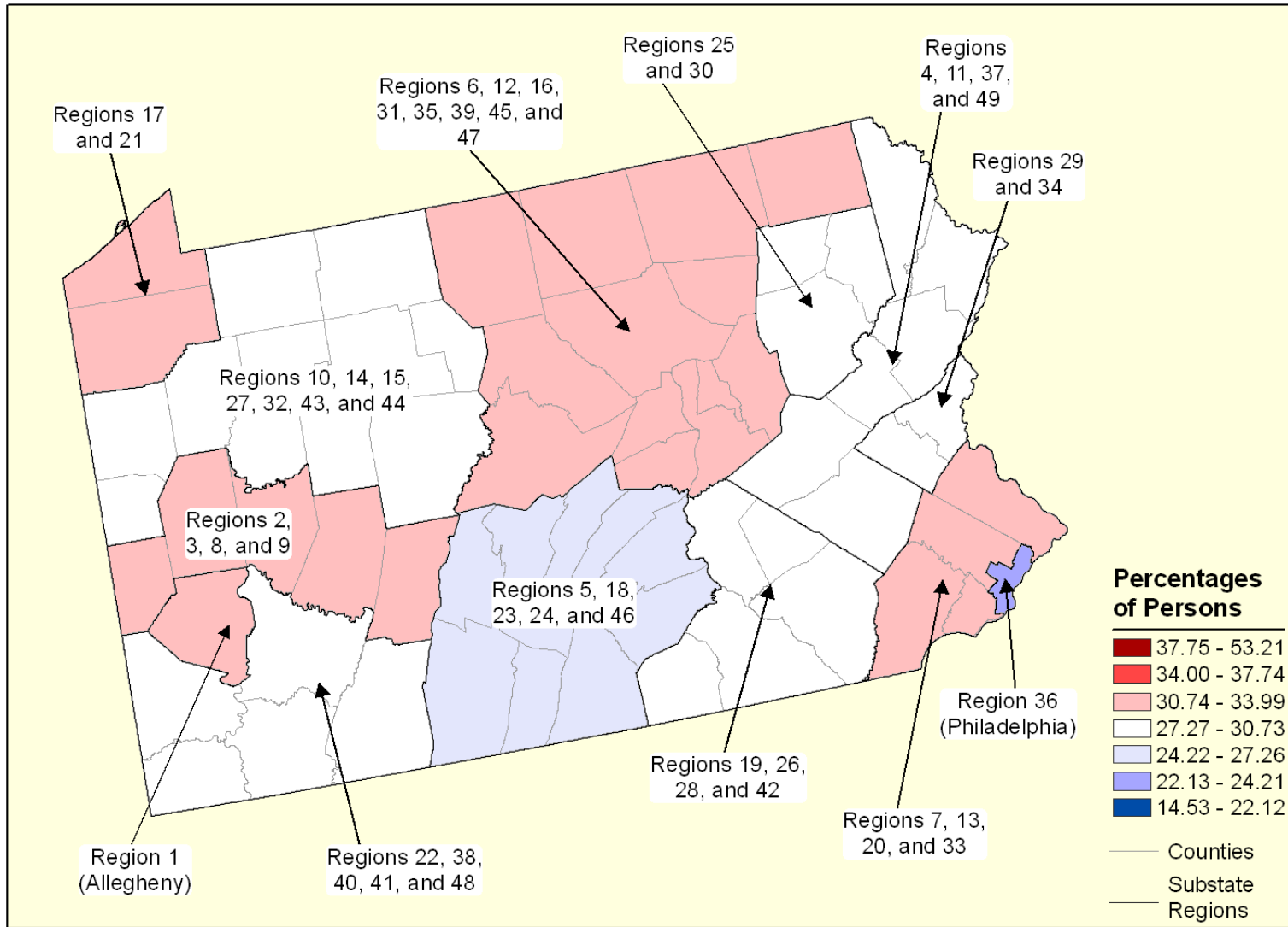

NOTE: The legend's ranges were created by dividing 345 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 National Surveys on Drug Use and Health*.

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

Figure 39.5.1 *Alcohol Use in Past Month among Persons Aged 12 to 20* in Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs

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

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

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Figure 39.5.2 *Binge Alcohol Use in Past Month among Persons Aged 12 to 20* in Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs
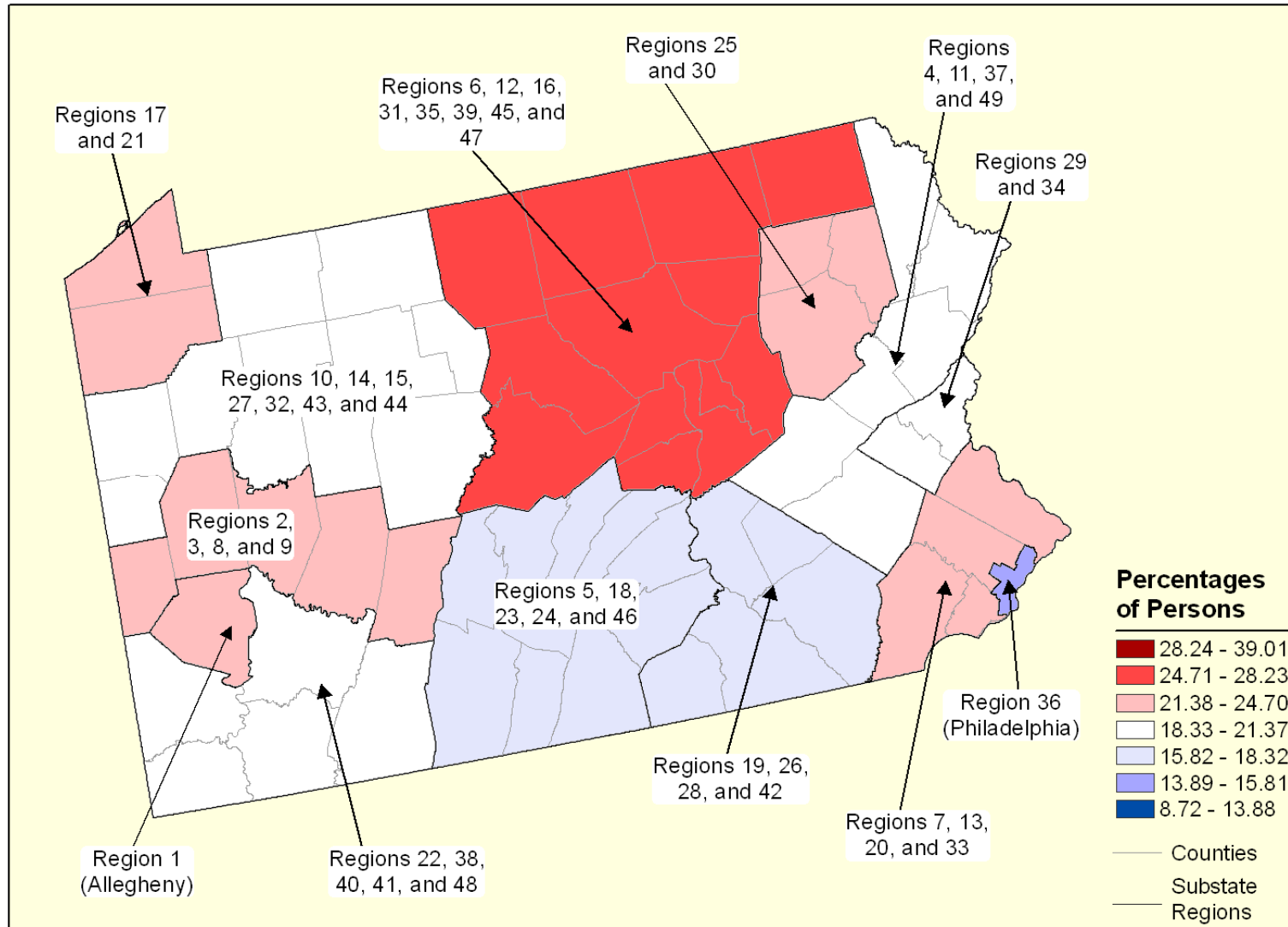

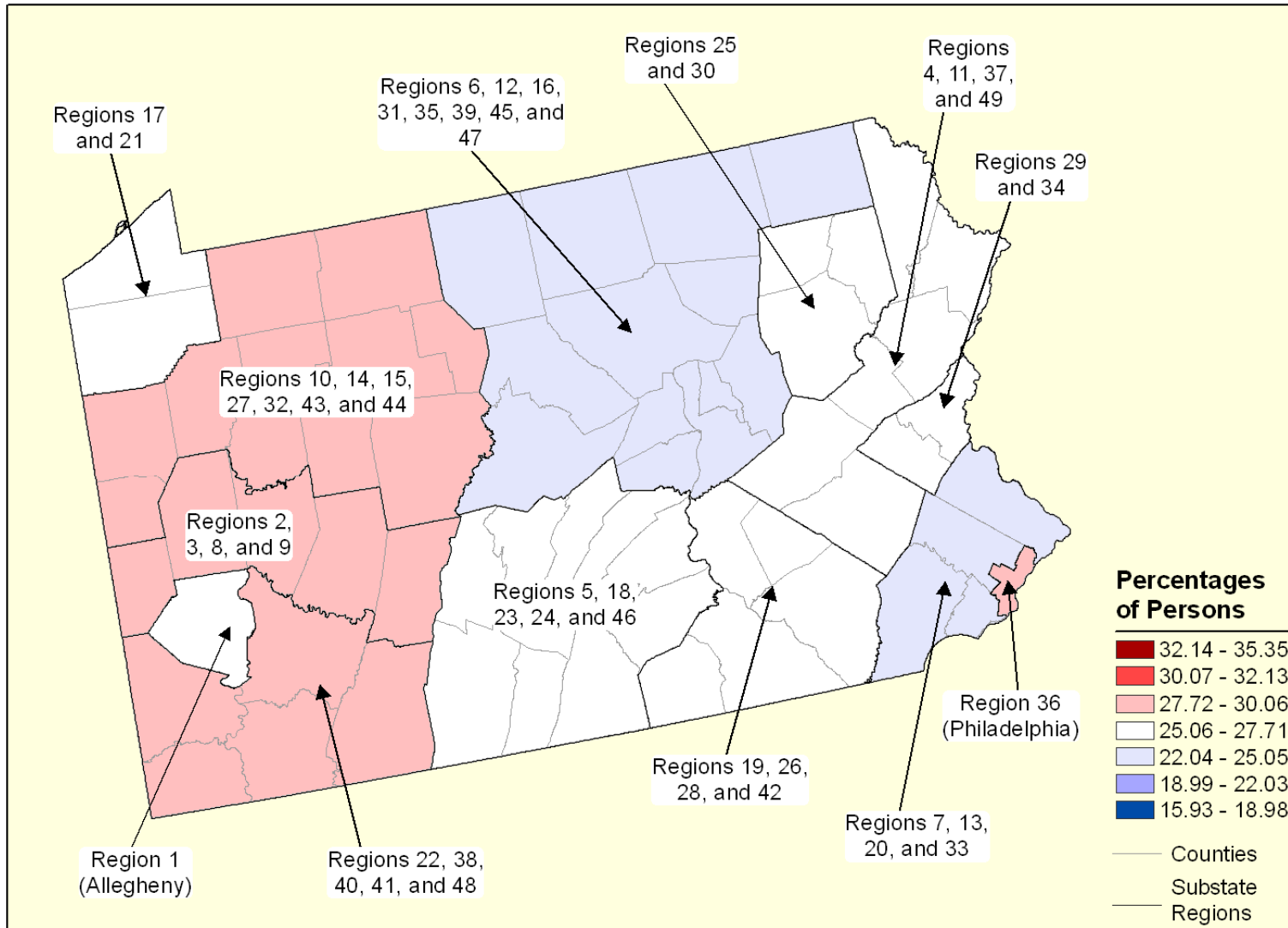NOTE: The legend's ranges were created by dividing 345 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 National Surveys on Drug Use and Health*.

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

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Figure 39.6.1 *Cigarette Use in Past Month* **among Persons Aged 12 or Older in Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

Regions 25 and 30

Regions 4, 11, 37, and 49

Regions 6, 12, 16, 31, 35, 39, 45, and 47

Regions 17 and 21

Regions 29 and 34

Regions 10, 14, 15, 27, 32, 43, and 44

Regions 2, 3, 8, and 9

Regions 5, 18, 23, 24, and 46

Region 36 (Philadelphia)

Regions 19, 26, 28, and 42

Regions 7, 13, 20, and 33

Region 1 (Allegheny)

Regions 22, 38, 40, 41, and 48

Percentages of Persons

- 32.14 - 35.35
- 30.07 - 32.13
- 27.72 - 30.06
- 25.06 - 27.71
- 22.04 - 25.05
- 18.99 - 22.03
- 15.93 - 18.98
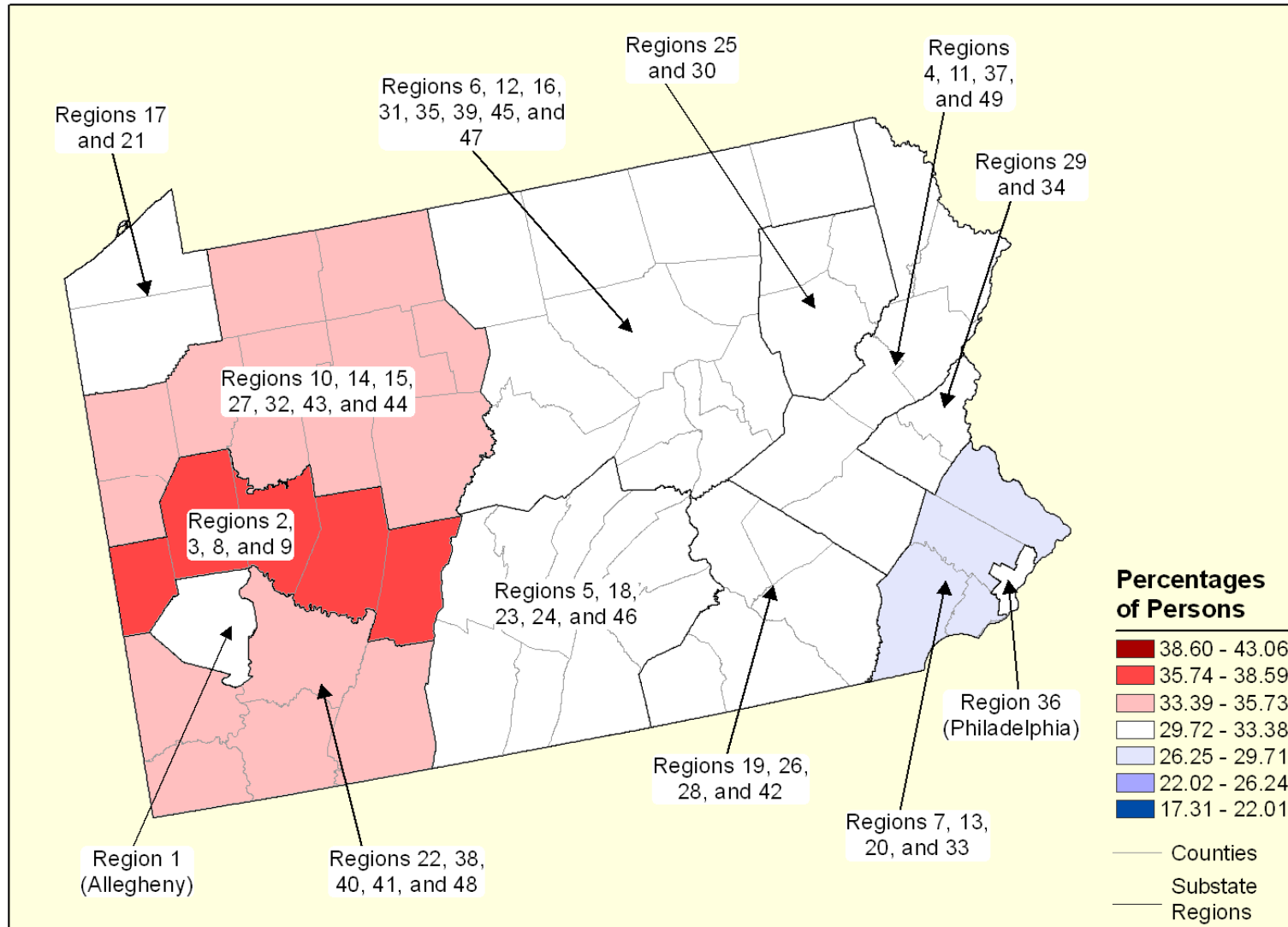
— Counties

— Substate Regions

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

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

Figure 39.6.2 *Tobacco Product Use in Past Month* among Persons Aged 12 or Older in Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs
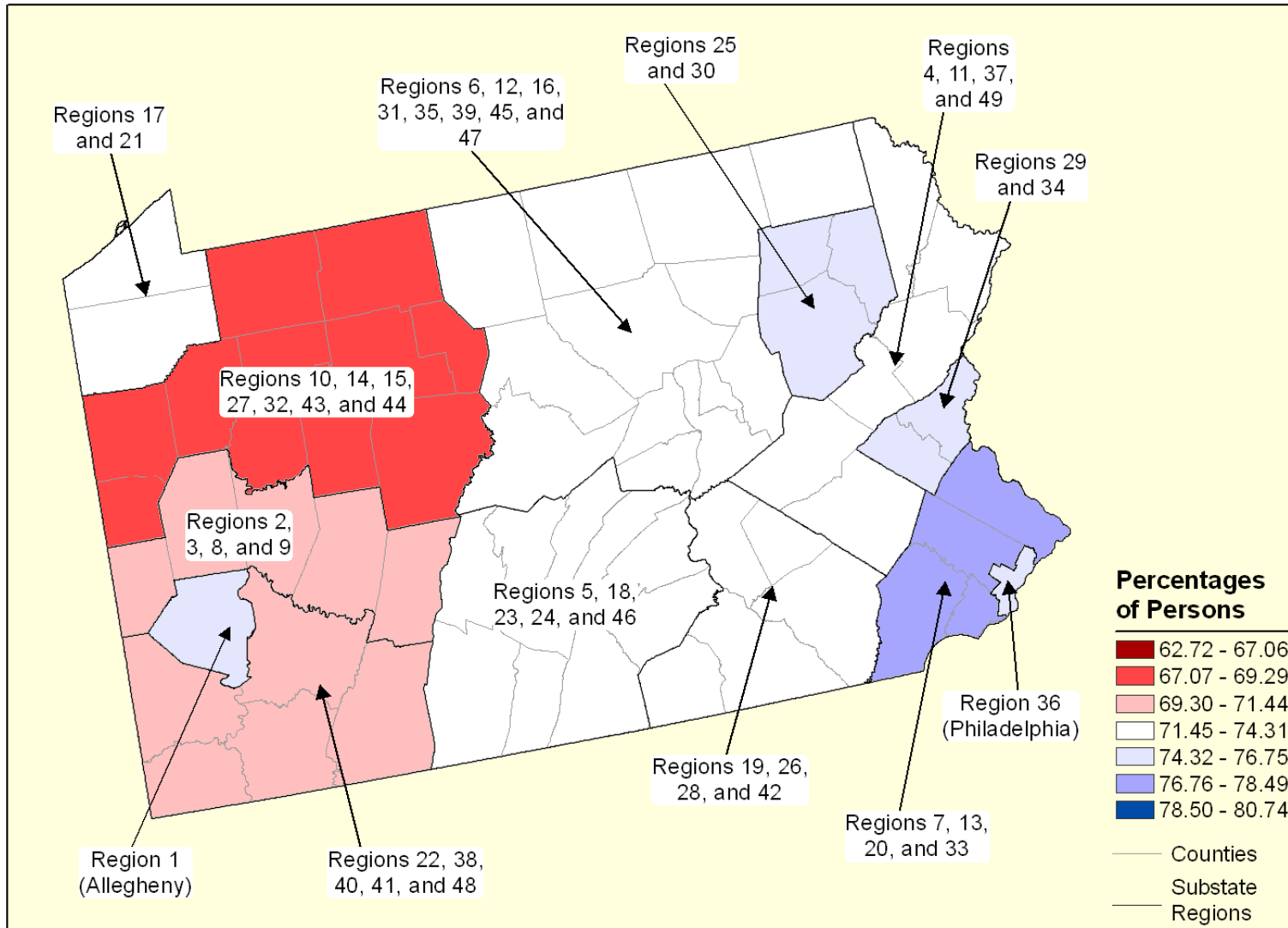

NOTE: The legend's ranges were created by dividing 345 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 National Surveys on Drug Use and Health*.

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

Figure 39.6.3 *Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day* **among Persons Aged 12 or Older in Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

Percentages of Persons

- 62.72 - 67.06
- 67.07 - 69.29
- 69.30 - 71.44
- 71.45 - 74.31
- 74.32 - 76.75
- 76.76 - 78.49
- 78.50 - 80.74

— Counties

— Substate Regions

Regions 17 and 21

Regions 6, 12, 16, 31, 35, 39, 45, and 47

Regions 25 and 30

Regions 4, 11, 37, and 49

Regions 29 and 34

Regions 10, 14, 15, 27, 32, 43, and 44

Regions 2, 3, 8, and 9

Regions 5, 18, 23, 24, and 46

Region 36 (Philadelphia)

Regions 19, 26, 28, and 42

Regions 7, 13, 20, and 33

Region 1 (Allegheny)

Regions 22, 38, 40, 41, and 48
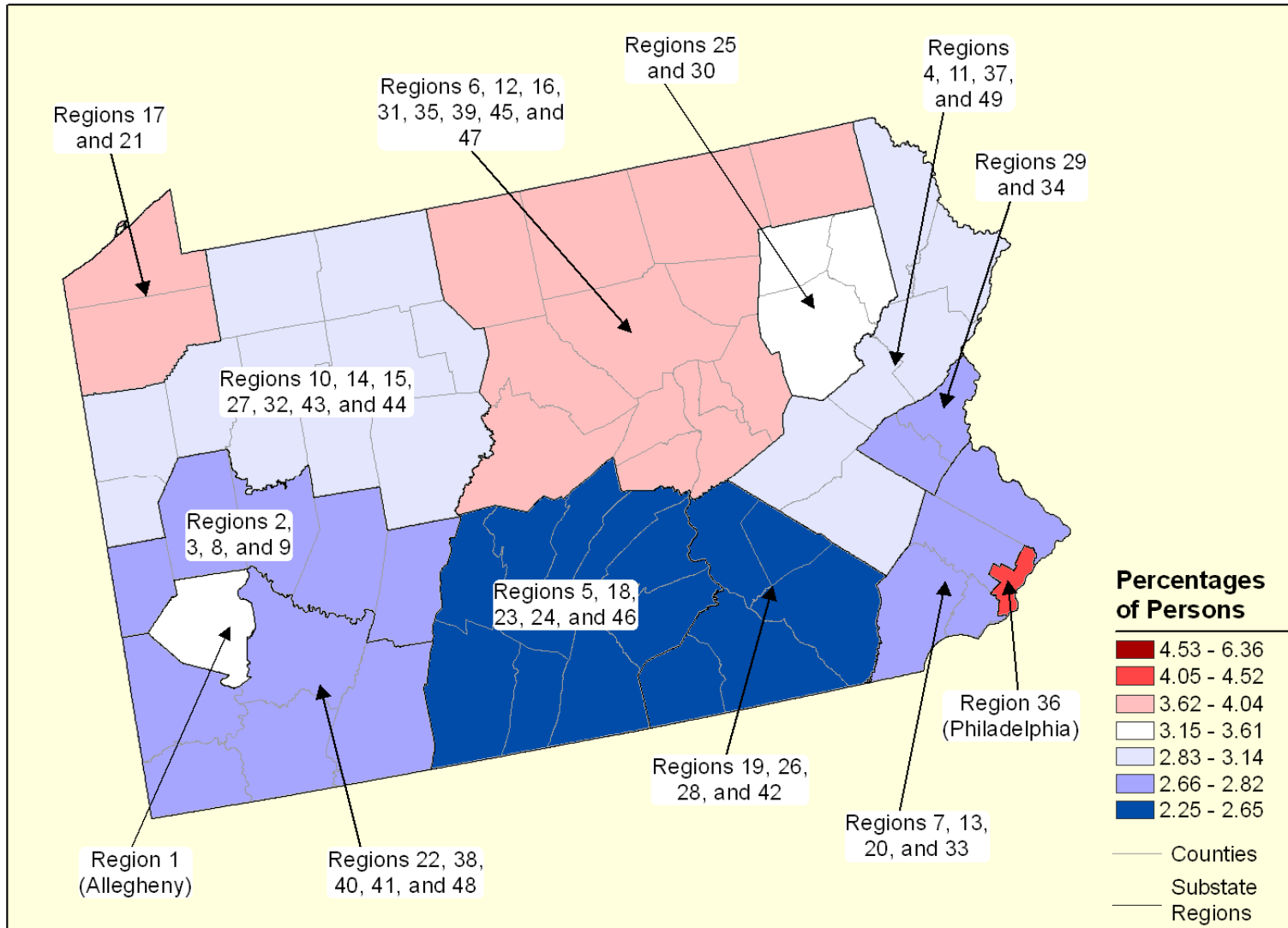
NOTE: The legend's ranges were created by dividing 345 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 National Surveys on Drug Use and Health*.

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

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Figure 39.7.1 *Alcohol Dependence in Past Year* among Persons Aged 12 or Older in Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs

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

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

Figure 39.7.2 *Illicit Drug Dependence in Past Year* among Persons Aged 12 or Older in Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs
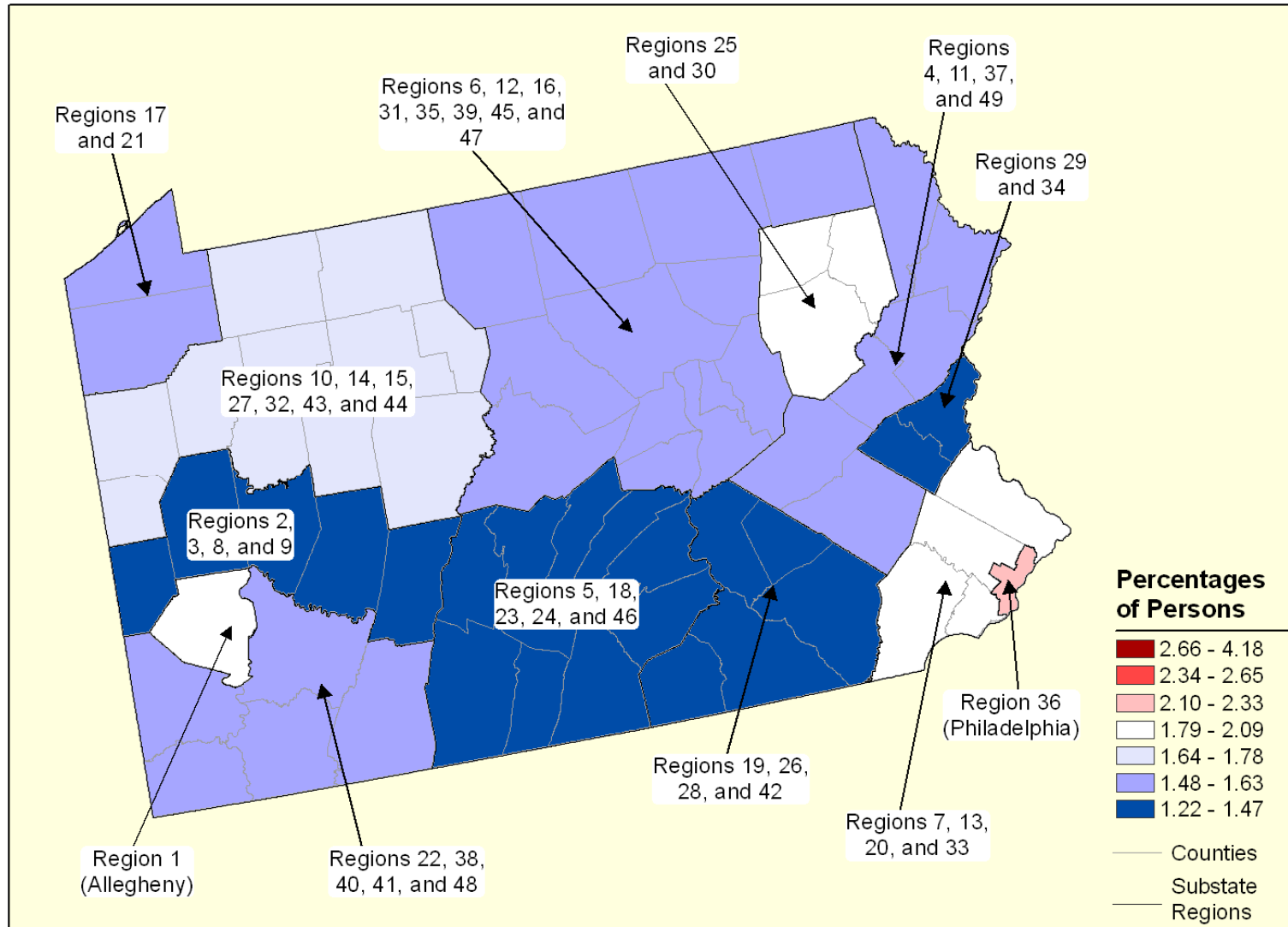

NOTE: The legend's ranges were created by dividing 345 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 National Surveys on Drug Use and Health*.

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

Figure 39.8.1 *Alcohol Dependence or Abuse in Past Year* among Persons Aged 12 or Older in Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs
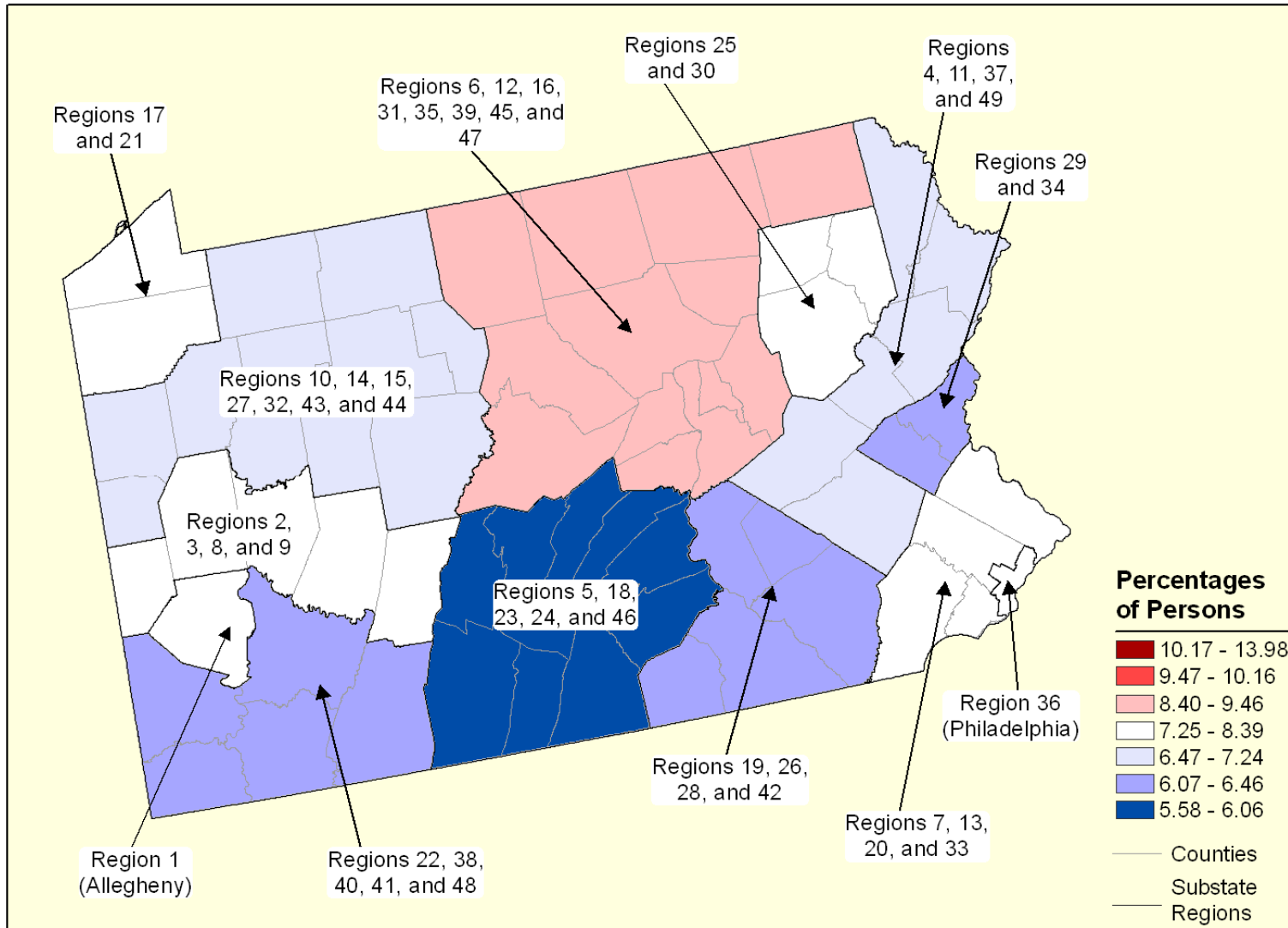

NOTE: The legend's ranges were created by dividing 345 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 National Surveys on Drug Use and Health*.

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

Figure 39.8.2 *Illicit Drug Dependence or Abuse in Past Year* among Persons Aged 12 or Older in Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs
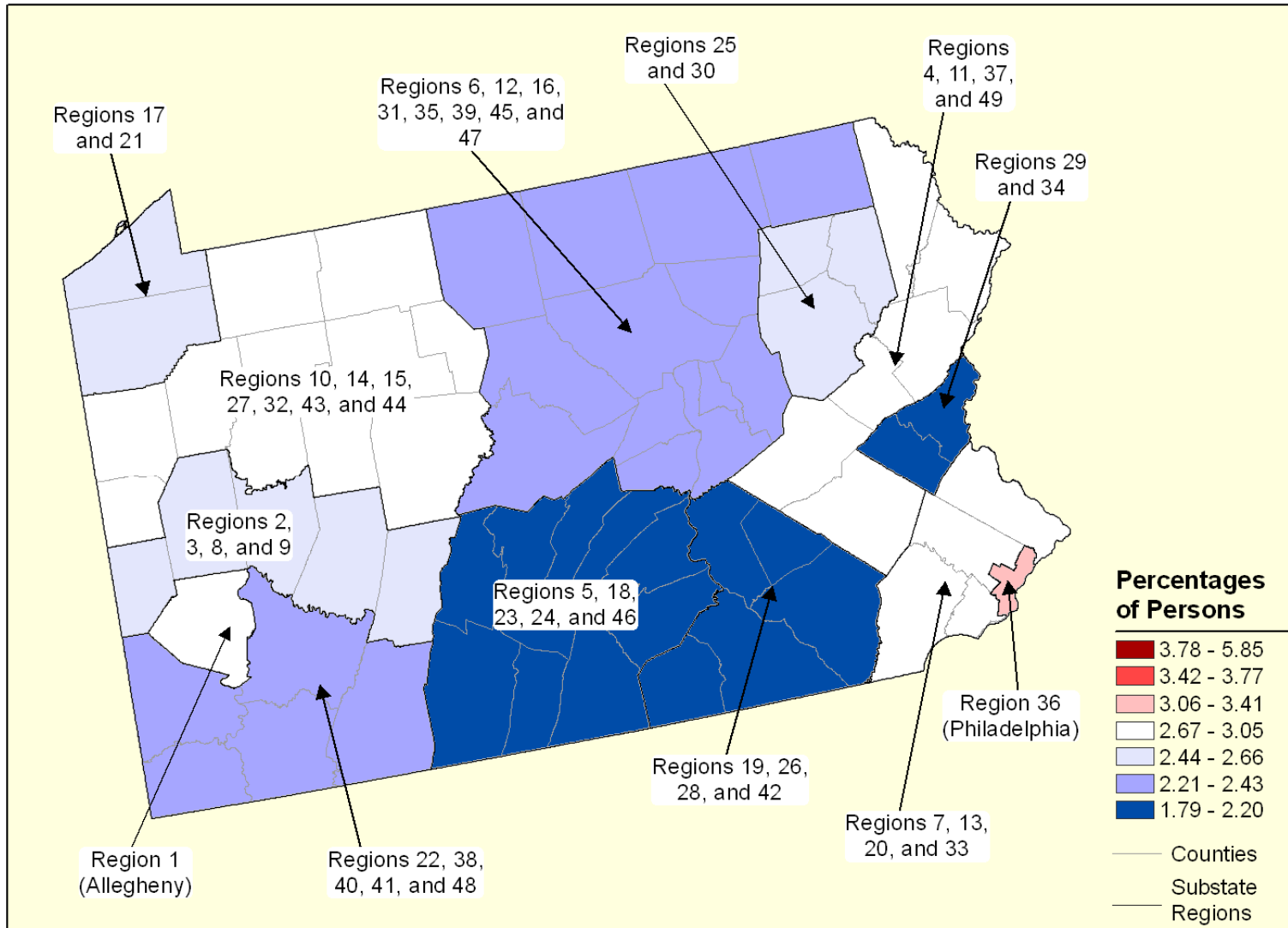

NOTE: The legend's ranges were created by dividing 345 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 National Surveys on Drug Use and Health*.

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

Figure 39.8.3 *Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year* among Persons Aged 12 or Older in Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs
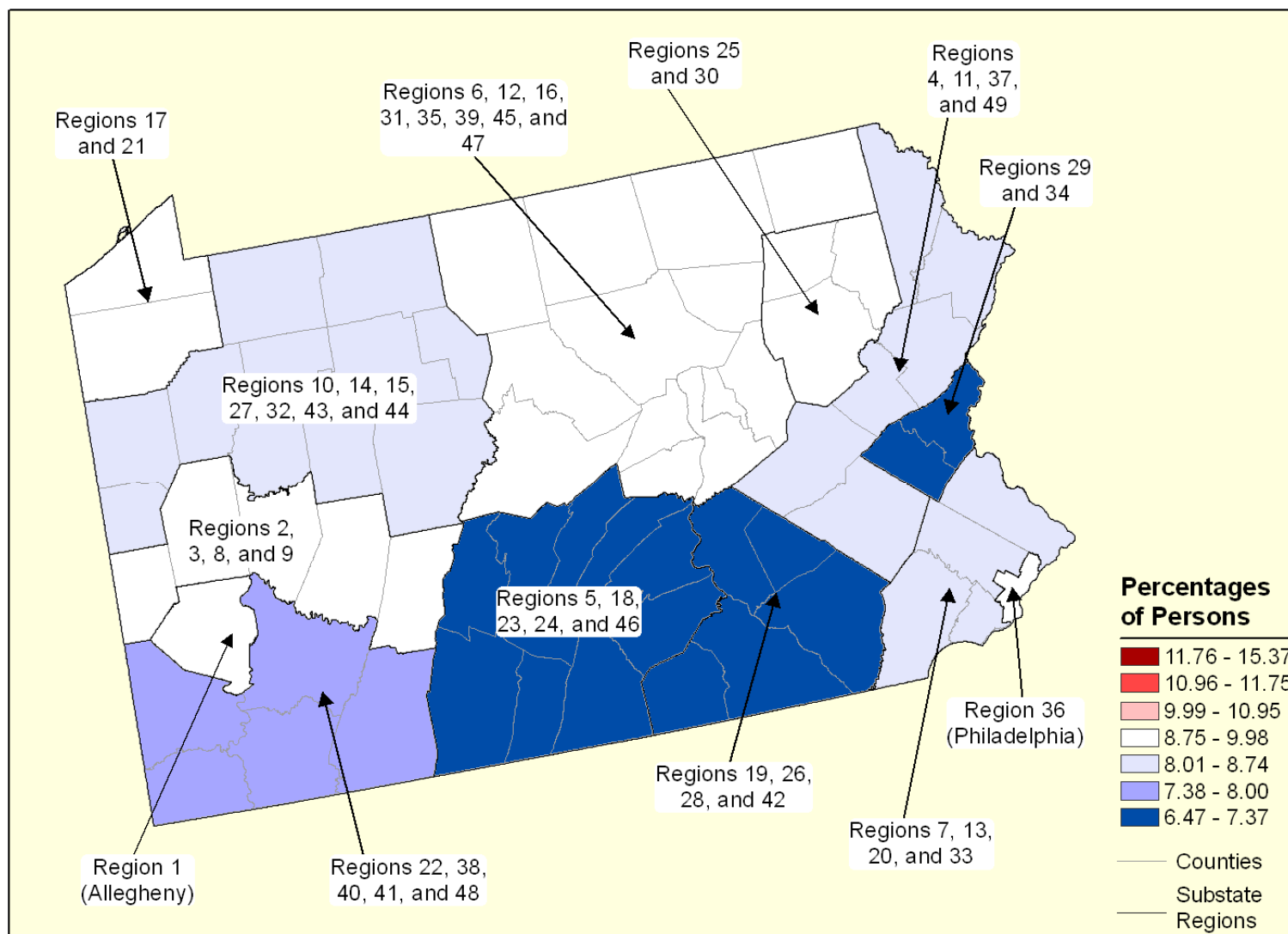

Regions 17 and 21

Regions 6, 12, 16, 31, 35, 39, 45, and 47

Regions 25 and 30

Regions 4, 11, 37, and 49

Regions 29 and 34

Regions 10, 14, 15, 27, 32, 43, and 44

Regions 2, 3, 8, and 9

Regions 5, 18, 23, 24, and 46

Region 36 (Philadelphia)

Region 1 (Allegheny)

Regions 22, 38, 40, 41, and 48

Regions 19, 26, 28, and 42

Regions 7, 13, 20, and 33

Percentages of Persons

- 11.76 - 15.37
- 10.96 - 11.75
- 9.99 - 10.95
- 8.75 - 9.98
- 8.01 - 8.74
- 7.38 - 8.00
- 6.47 - 7.37

Counties

Substate Regions

NOTE: The legend's ranges were created by dividing 345 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 National Surveys on Drug Use and Health*.
Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

Figure 39.9.1 *Needing But Not Receiving Treatment for Alcohol Use in Past Year* among Persons Aged 12 or Older in Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs
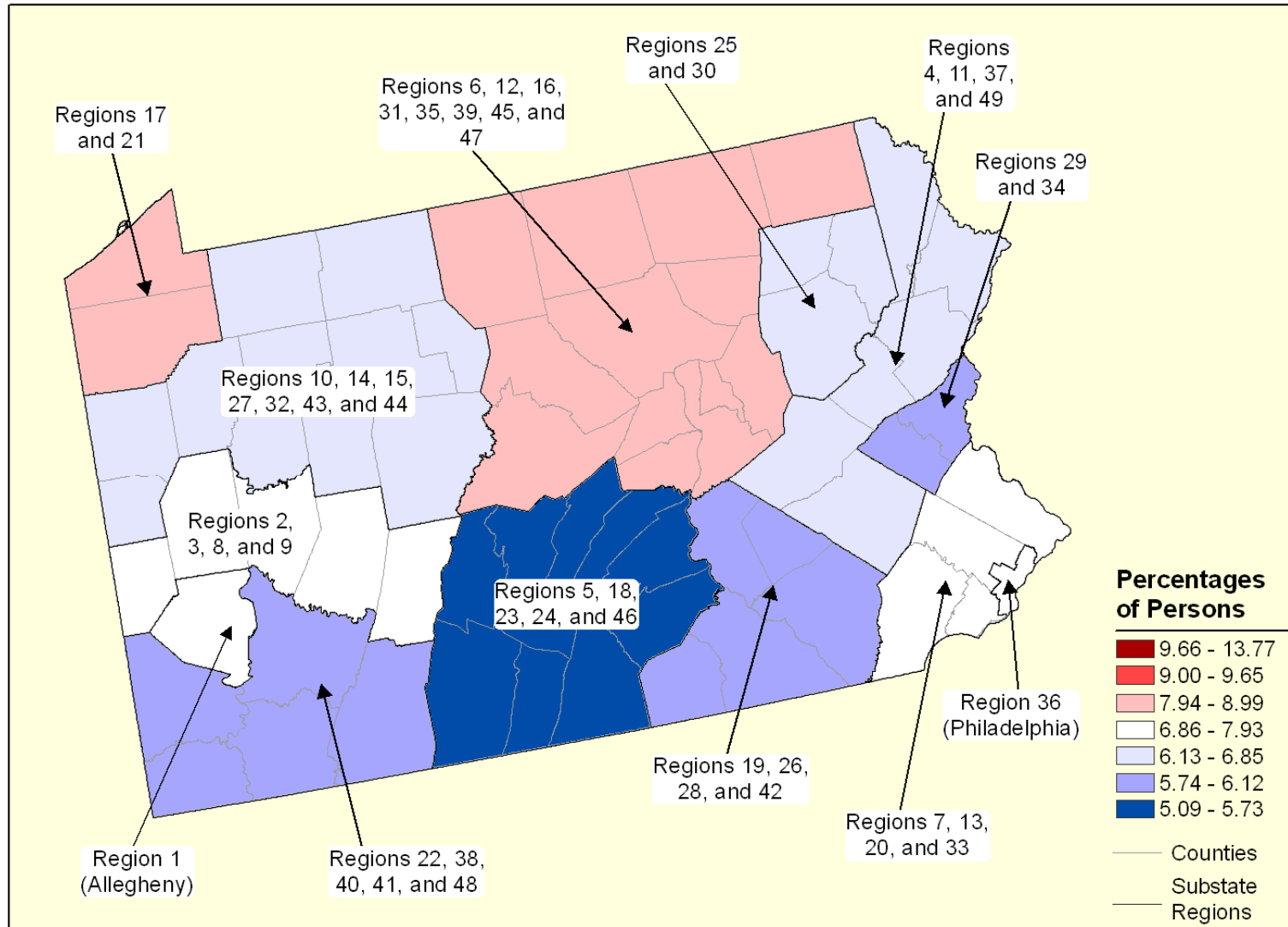

NOTE: The legend's ranges were created by dividing 345 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 National Surveys on Drug Use and Health*.

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

Figure 39.9.2 *Needing But Not Receiving Treatment for Illicit Drug Use in Past Year* among Persons Aged 12 or Older in Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs
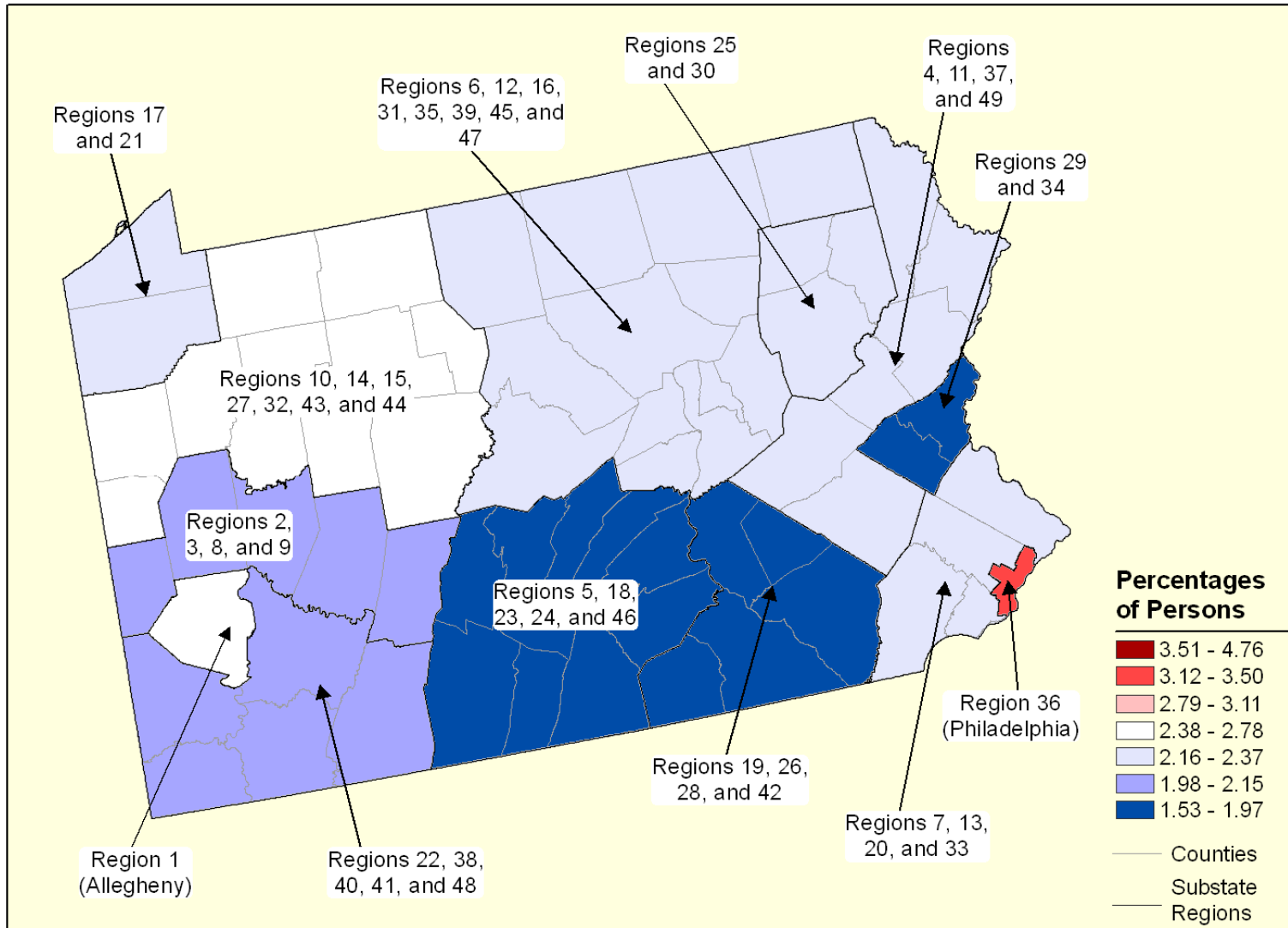

Regions 17 and 21

Regions 6, 12, 16, 31, 35, 39, 45, and 47

Regions 25 and 30

Regions 4, 11, 37, and 49

Regions 29 and 34

Regions 10, 14, 15, 27, 32, 43, and 44

Regions 2, 3, 8, and 9

Regions 5, 18, 23, 24, and 46

Region 36 (Philadelphia)

Regions 19, 26, 28, and 42

Regions 7, 13, 20, and 33

Region 1 (Allegheny)

Regions 22, 38, 40, 41, and 48

Percentages of Persons

- 3.51 - 4.76
- 3.12 - 3.50
- 2.79 - 3.11
- 2.38 - 2.78
- 2.16 - 2.37
- 1.98 - 2.15
- 1.53 - 1.97

— Counties

— Substate Regions

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

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

Figure 39.10.1 *Serious Psychological Distress in Past Year* among Persons Aged 18 or Older in Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs

Regions 17 and 21

Regions 6, 12, 16, 31, 35, 39, 45, and 47

Regions 25 and 30

Regions 4, 11, 37, and 49

Regions 29 and 34

Regions 10, 14, 15, 27, 32, 43, and 44

Regions 2, 3, 8, and 9

Regions 5, 18, 23, 24, and 46

Region 1 (Allegheny)

Regions 22, 38, 40, 41, and 48

Regions 19, 26, 28, and 42

Region 36 (Philadelphia)

Regions 7, 13, 20, and 33

Percentages of Persons

- 14.60 - 16.49
- 13.53 - 14.59
- 12.52 - 13.52
- 11.41 - 12.51
- 10.44 - 11.40
- 9.80 - 10.43
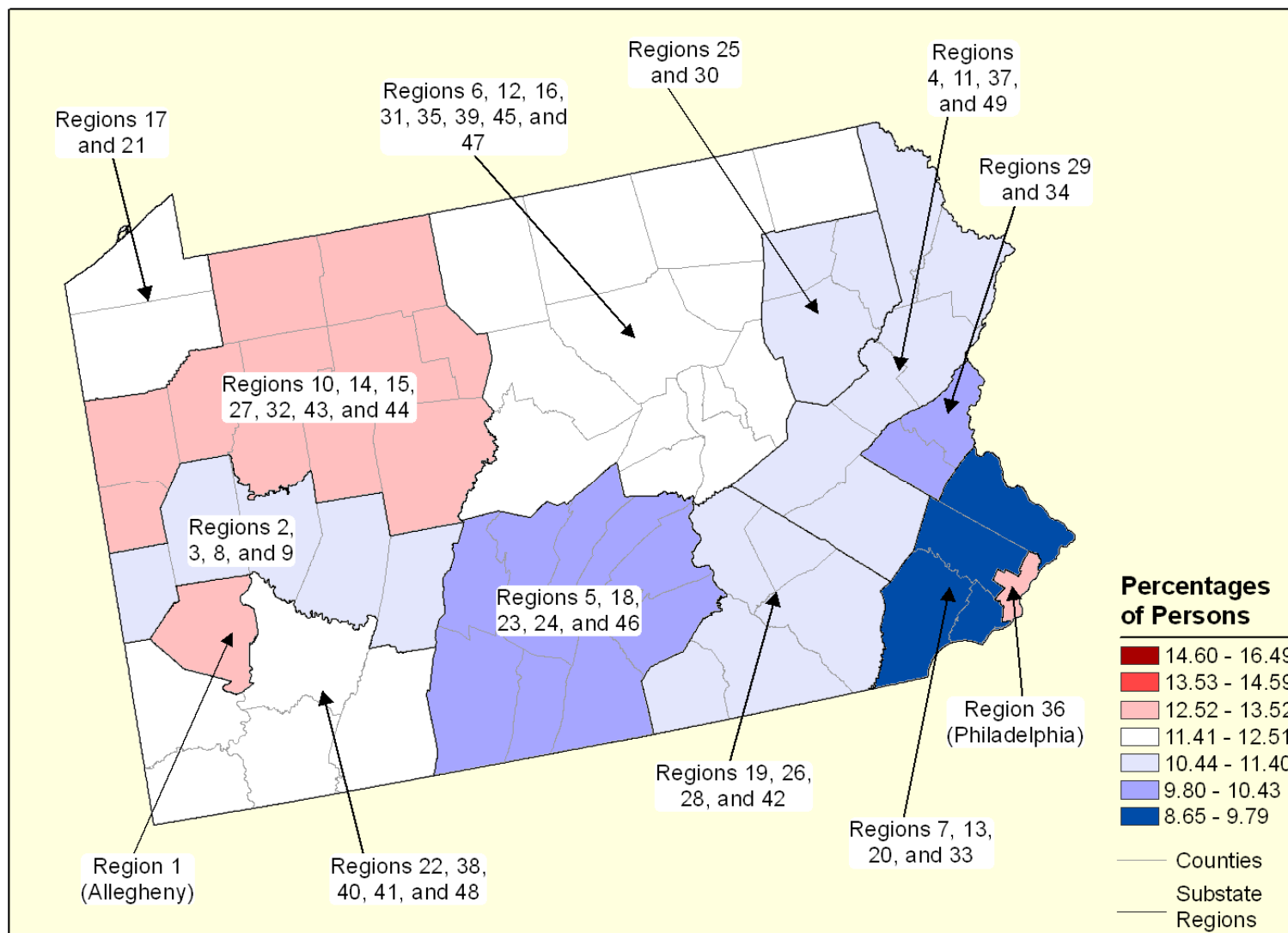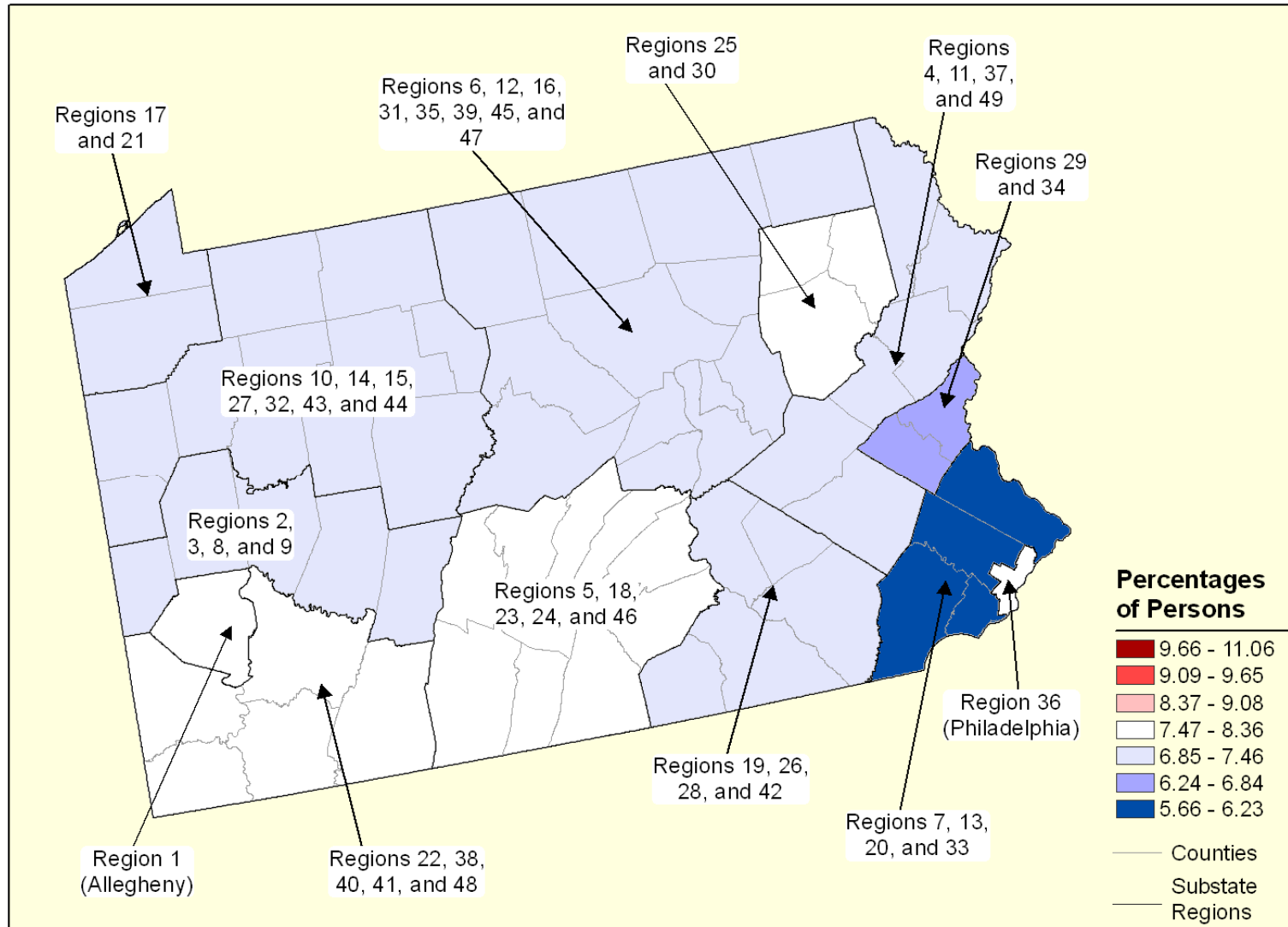- 8.65 - 9.79

— Counties

— Substate Regions

NOTE: The legend's ranges were created by dividing 345 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see Section D of the report on *Substate Estimates from the 2004-2006 National Surveys on Drug Use and Health*.
Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2004, 2005, and 2006.

Figure 39.10.2 *Having at Least One Major Depressive Episode in Past Year* among Persons Aged 18 or Older in Pennsylvania, by Substate Region: Percentages, Annual Averages Based on 2004, 2005, and 2006 NSDUHs

Regions 17 and 21

Regions 6, 12, 16, 31, 35, 39, 45, and 47

Regions 25 and 30

Regions 4, 11, 37, and 49

Regions 29 and 34

Regions 10, 14, 15, 27, 32, 43, and 44

Regions 2, 3, 8, and 9

Regions 5, 18, 23, 24, and 46

Region 36 (Philadelphia)

Regions 19, 26, 28, and 42

Region 1 (Allegheny)

Regions 22, 38, 40, 41, and 48

Regions 7, 13, 20, and 33

Percentages of Persons

- 9.66 – 11.06
- 9.09 – 9.65
- 8.37 – 9.08
- 7.47 – 8.36
- 6.85 – 7.46
- 6.24 – 6.84
- 5.66 – 6.23

— Counties

— Substate Regions

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

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