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Table 31.1 Any Illicit Drug Use in Past Month and Any Illicit Drug Use Other Than Marijuana in Past Month in New Jersey among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

	Any Illicit D	Any Illicit Drug Use in Past Month		Drug Use Other Than ana in Past Month
State/Substate Region	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
New Jersey	6.61	(5.66 - 7.70)	3.24	(2.70 - 3.89)
Central	7.01	(5.49 - 8.91)	3.17	(2.41 - 4.17)
Metropolitan	7.15	(5.62 - 9.06)	3.37	(2.58 - 4.40)
Northern	6.05	(4.78 - 7.62)	3.14	(2.42 - 4.07)
Southern	6.42	(4.97 - 8.24)	3.32	(2.51 - 4.39)

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.

Table 31.2 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 New Jersey among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

		rijuana Use Past Month		Annual Rate of e of Marijuana <sup>1</sup>	of Smok	ns of Great Risk ing Marijuana ee a Month
State/Substate Region	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
New Jersey	4.67	(3.93 - 5.55)	1.56	(1.36 - 1.79)	40.84	(37.97 - 43.77)
Central	5.15	(3.90 - 6.75)	1.72	(1.36 - 2.17)	35.88	(31.41 - 40.61)
Metropolitan	4.65	(3.54 - 6.09)	1.34	(1.04 - 1.72)	42.91	(38.08 - 47.87)
Northern	4.41	(3.42 - 5.67)	1.56	(1.25 - 1.95)	42.86	(38.34 - 47.49)
Southern	4.59	(3.42 - 6.12)	1.67	(1.28 - 2.16)	40.71	(35.70 - 45.93)

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.

Average Annual Rate = [100\*{(Number of Marijuana Initiates in past 24 months)/[(Number of Marijuana Initiates in past 24 months \* 0.5) + 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.

Table 31.3 Marijuana Use in Past Year, Cocaine Use in Past Year, and Nonmedical Use of Pain Relievers in Past Year in New Jersey among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

		rijuana Use Past Year	Cocaine	Use in Past Year		ical Use of Pain rs in Past Year
State/Substate Region	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
New Jersey	8.52	(7.46 - 9.71)	2.07	(1.61 - 2.66)	3.57	(2.92 - 4.36)
Central	8.94	(7.29 - 10.93)	2.03	(1.45 - 2.83)	3.75	(2.80 - 5.00)
Metropolitan	8.56	(6.86 - 10.64)	2.03	(1.40 - 2.94)	3.36	(2.48 - 4.53)
Northern	8.02	(6.57 - 9.77)	2.05	(1.49 - 2.83)	3.39	(2.58 - 4.45)
Southern	8.77	(6.95 - 11.02)	2.21	(1.54 - 3.16)	3.91	(2.95 - 5.17)

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.

Table 31.4 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 New Jersey among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

		cohol Use Past Month			Having Fiv of an Alc	s of Great Risk of re or More Drinks oholic Beverage Twice a Week
State/Substate Region	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
New Jersey	56.19	(53.33 - 59.01)	21.43	(19.36 - 23.66)	43.95	(41.23 - 46.71)
Central	62.30	(57.52 - 66.85)	22.66	(19.39 - 26.31)	42.36	(38.08 - 46.75)
Metropolitan	55.19	(50.29 - 59.99)	19.88	(16.86 - 23.30)	46.97	(42.57 - 51.42)
Northern	54.34	(49.74 - 58.87)	21.37	(18.53 - 24.50)	43.84	(39.73 - 48.04)
Southern	53.51	(48.25 - 58.69)	21.99	(18.68 - 25.69)	42.32	(37.78 - 47.00)

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

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

Table 31.5 Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20 in New Jersey, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

		Alcohol Use in Past Month among Persons Aged 12 to 20		ohol Use in Past Month ersons Aged 12 to 20 <sup>1</sup>
State/Substate Region	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
New Jersey	29.19	(26.82 - 31.68)	17.14	(15.32 - 19.13)
Central	31.95	(27.92 - 36.27)	20.73	(17.43 - 24.47)
Metropolitan	27.33	(23.53 - 31.50)	14.20	(11.41 - 17.54)
Northern	28.65	(24.80 - 32.84)	16.73	(13.89 - 20.02)
Southern	29.22	(25.27 - 33.51)	17.37	(14.39 - 20.82)

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

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

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Table 31.6 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 New Jersey among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

		arette Use Past Month		acco Product Use Past Month <sup>1</sup>	of Smoki	ns of Great Risk ng One or More igarettes Per Day
State/Substate Region	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
New Jersey	22.97	(20.80 - 25.30)	25.96	(23.73 - 28.32)	74.48	(72.10 - 76.73)
Central	24.05	(20.64 - 27.83)	28.78	(25.04 - 32.82)	73.37	(69.78 - 76.67)
Metropolitan	21.64	(18.57 - 25.06)	23.03	(19.67 - 26.78)	75.38	(71.99 - 78.49)
Northern	22.48	(19.45 - 25.82)	24.78	(21.55 - 28.32)	75.33	(72.10 - 78.30)
Southern	24.13	(20.62 - 28.03)	28.15	(24.48 - 32.13)	73.33	(69.59 - 76.75)

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.

<sup>&</sup>lt;sup>1</sup> Any Tobacco product includes cigarettes, smokeless tobacco (i.e., chewing tobacco or snuff), cigars, or pipe tobacco.

Table 31.7 Alcohol Dependence in Past Year and Any Illicit Drug Dependence in Past Year in New Jersey among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

	Alcohol De	Alcohol Dependence in Past Year		cit Drug Dependence n Past Year <sup>1</sup>
State/Substate Region	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
New Jersey	2.85	(2.25 - 3.60)	1.71	(1.36 - 2.15)
Central	2.75	(2.02 - 3.73)	1.63	(1.18 - 2.25)
Metropolitan	3.02	(2.17 - 4.19)	1.88	(1.32 - 2.68)
Northern	2.70	(1.94 - 3.74)	1.64	(1.19 - 2.27)
Southern	2.98	(2.15 - 4.11)	1.69	(1.21 - 2.38)

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

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

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

Table 31.8 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 New Jersey among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

		Dependence or in Past Year	Depende	Illicit Drug ence or Abuse in ast Year <sup>1</sup>	Any Illicit	ce on or Abuse of Drug or Alcohol Past Year <sup>1</sup>
State/Substate Region	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
New Jersey	6.43	(5.43 - 7.60)	2.78	(2.28 - 3.40)	7.95	(6.89 - 9.16)
Central	6.40	(5.06 - 8.08)	2.71	(2.06 - 3.55)	7.80	(6.37 - 9.53)
Metropolitan	6.44	(5.06 - 8.17)	3.00	(2.23 - 4.05)	8.30	(6.65 - 10.31)
Northern	6.02	(4.75 - 7.62)	2.59	(1.96 - 3.42)	7.37	(5.99 - 9.03)
Southern	7.08	(5.58 - 8.94)	2.91	(2.17 - 3.91)	8.62	(6.98 - 10.59)

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

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

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

Table 31.9 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 New Jersey among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

	Needing But I for Alcoh	Needing But Not Receiving Treatment for Alcohol Use in Past Year <sup>1</sup>		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year <sup>2</sup>		
State/Substate Region	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval		
New Jersey	6.04	(5.09 - 7.15)	2.37	(1.97 - 2.85)		
Central	6.01	(4.77 - 7.56)	2.27	(1.77 - 2.91)		
Metropolitan	5.99	(4.65 - 7.68)	2.55	(1.90 - 3.41)		
Northern	5.77	(4.56 - 7.27)	2.21	(1.71 - 2.86)		
Southern	6.53	(5.15 - 8.26)	2.52	(1.93 - 3.28)		

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

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

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

Table 31.10 Serious Psychological Distress in Past Year in New Jersey among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

	Serious Psychological Distress in Past Year				
State/Substate Region	Estimate	95% Prediction Interval			
New Jersey	8.40	(7.07 - 9.96)			
Central	7.98	(6.11 - 10.36)			
Metropolitan	8.90	(6.82 - 11.53)			
Northern	8.35	(6.40 - 10.83)			
Southern	8.35	(6.40 - 10.83)			

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.

Figure 31.1.1 Any Illicit Drug Use in Past Month among Persons Aged 12 or Older in New Jersey, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

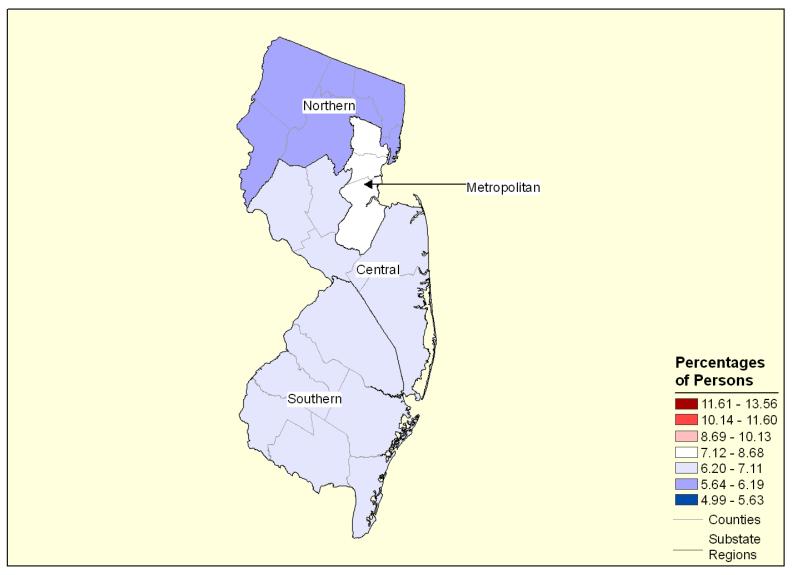


Figure 31.1.2 Any Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older in New Jersey, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

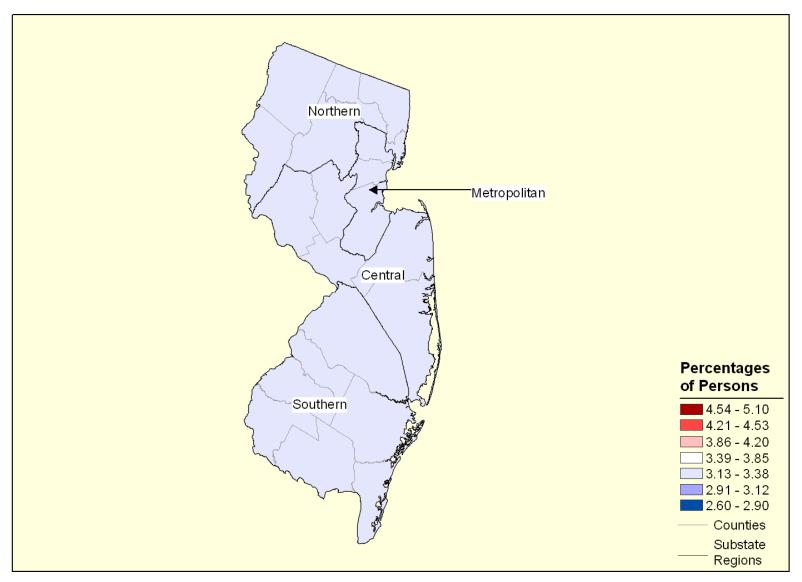


Figure 31.2.1 *Marijuana Use in Past Month* among Persons Aged 12 or Older in New Jersey, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

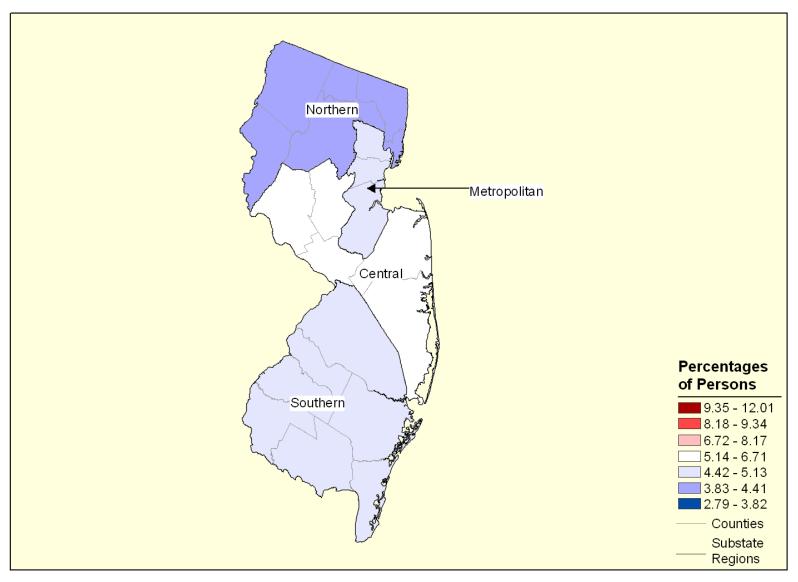


Figure 31.2.2 First Use of Marijuana among Persons Aged 12 or Older in New Jersey, by Substate Region: Average Annual Rates Based on 2002, 2003, and 2004 NSDUHs

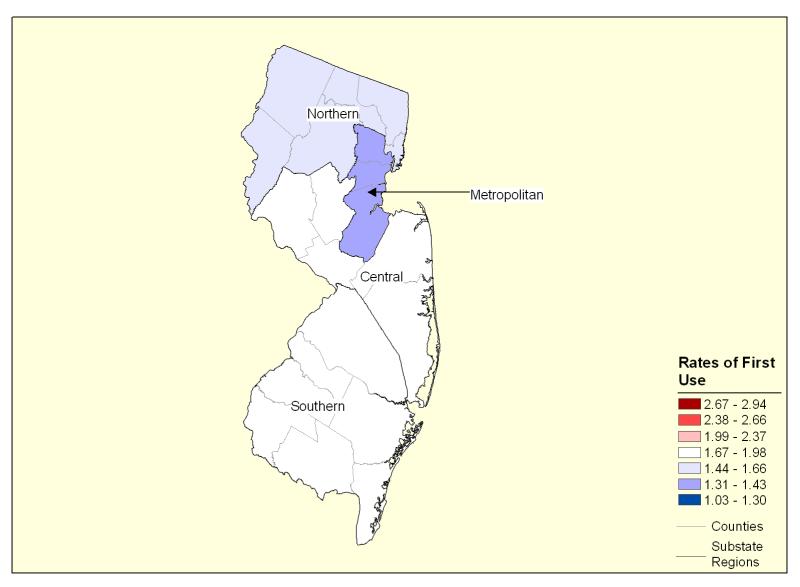


Figure 31.2.3 Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older in New Jersey, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

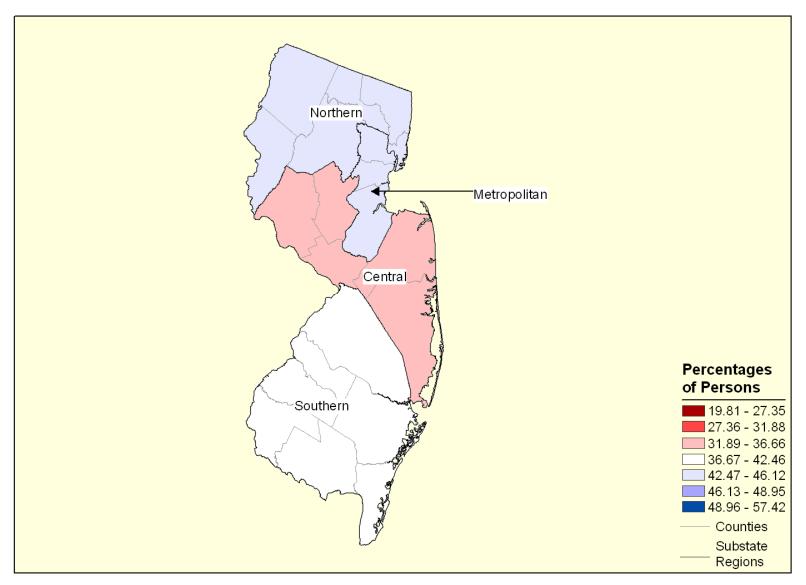


Figure 31.3.1 *Marijuana Use in Past Year* among Persons Aged 12 or Older in New Jersey, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

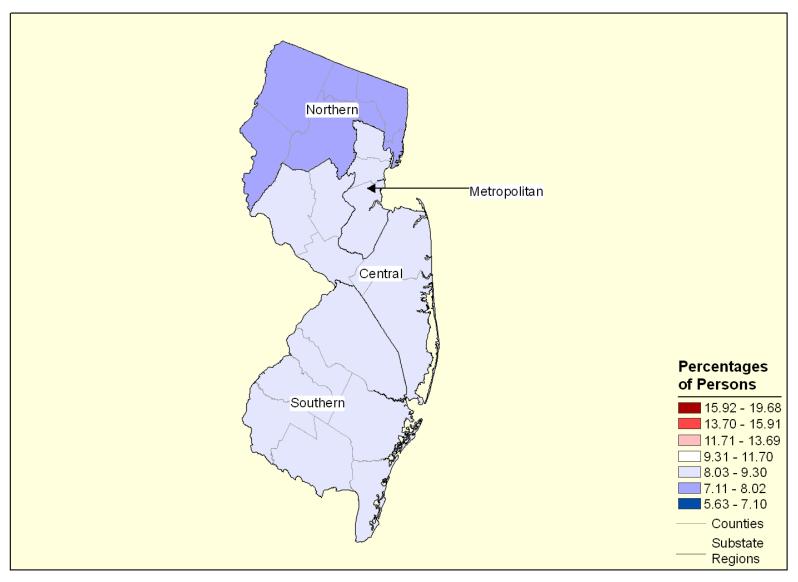


Figure 31.3.2 *Cocaine Use in Past Year* among Persons Aged 12 or Older in New Jersey, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

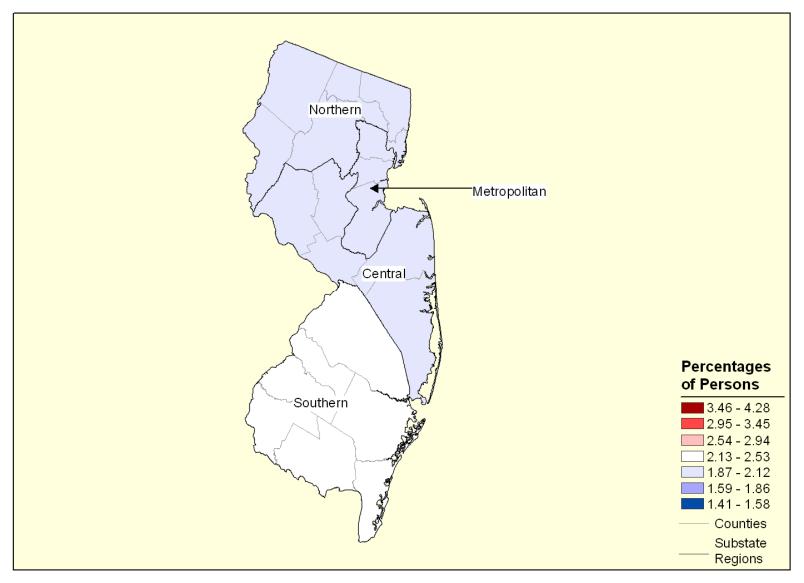


Figure 31.3.3 *Nonmedical Use of Pain Relievers in Past Year* among Persons Aged 12 or Older in New Jersey, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

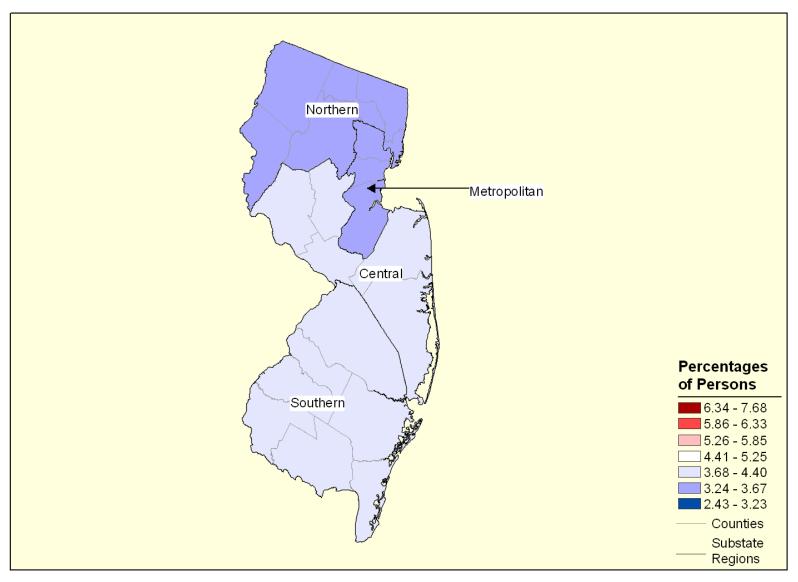


Figure 31.4.1 *Alcohol Use in Past Month* among Persons Aged 12 or Older in New Jersey, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

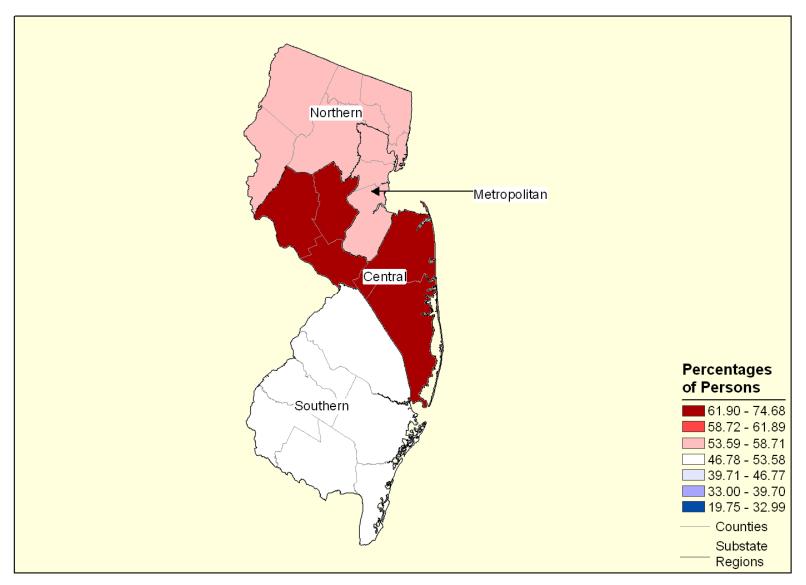


Figure 31.4.2 Binge Alcohol Use in Past Month among Persons Aged 12 or Older in New Jersey, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

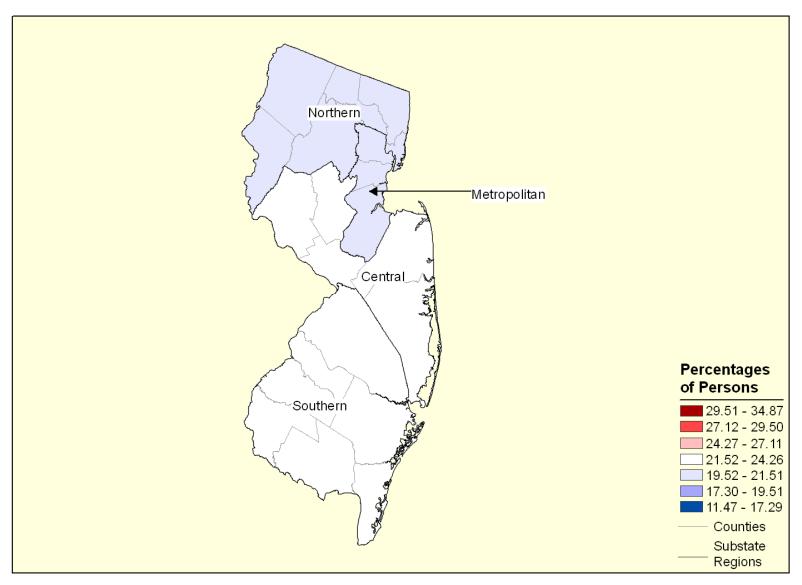


Figure 31.4.3 Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older in New Jersey, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

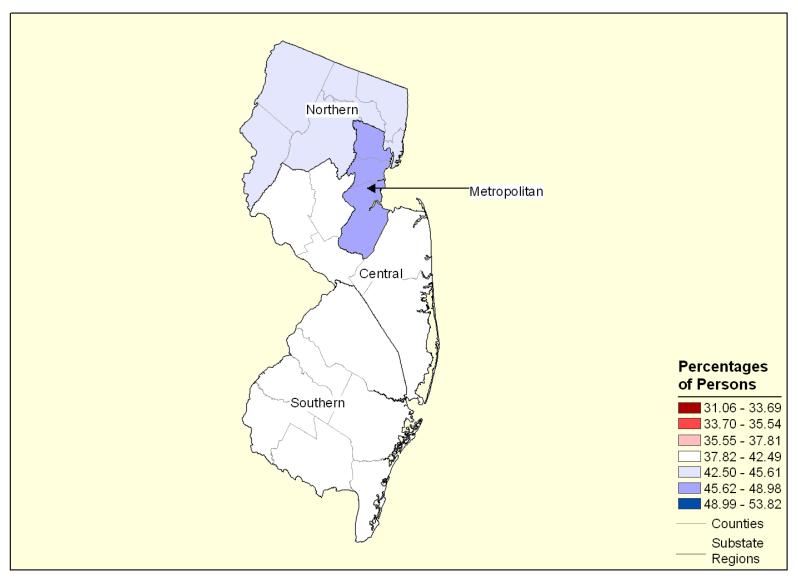


Figure 31.5.1 Alcohol Use in Past Month among Persons Aged 12 to 20 in New Jersey, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

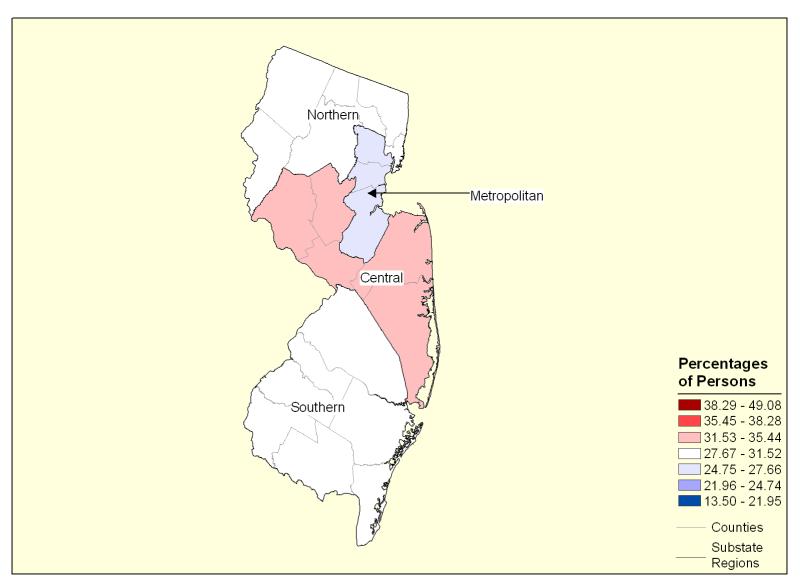


Figure 31.5.2 Binge Alcohol Use in Past Month among Persons Aged 12 to 20 in New Jersey, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

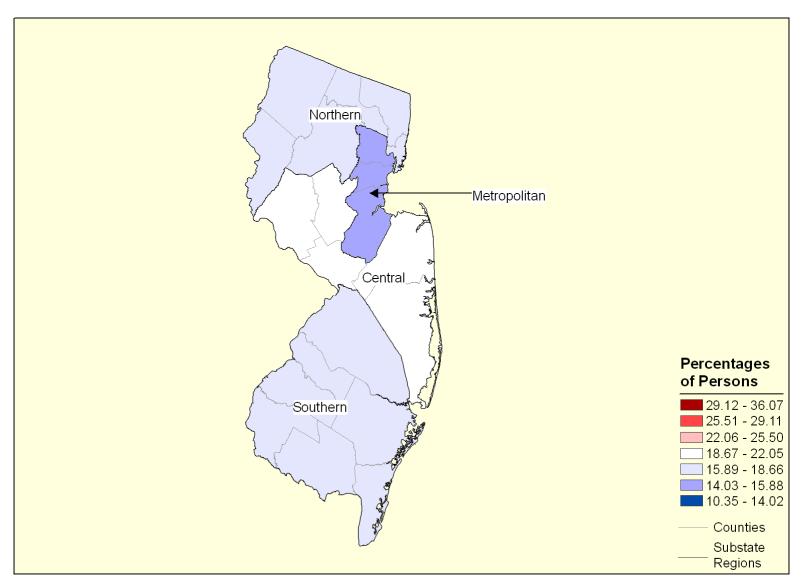


Figure 31.6.1 Cigarette Use in Past Month among Persons Aged 12 or Older in New Jersey, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

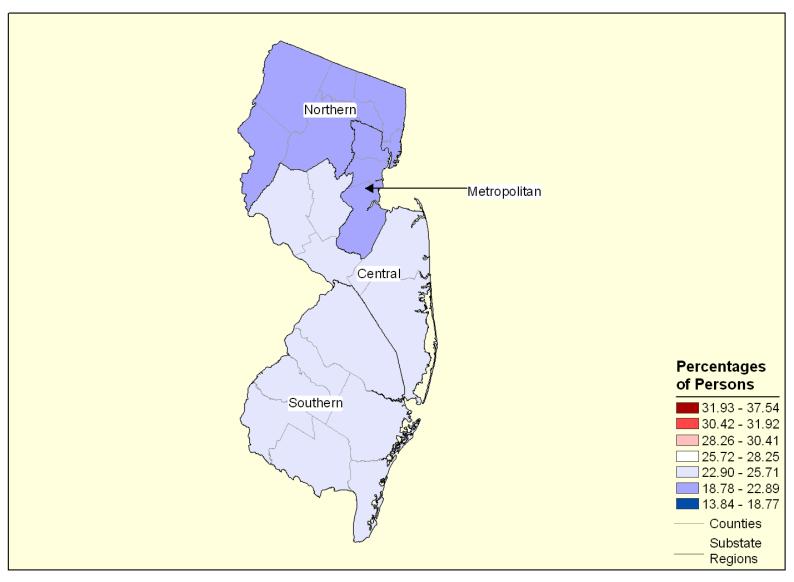


Figure 31.6.2 Any Tobacco Product Use in Past Month among Persons Aged 12 or Older in New Jersey, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

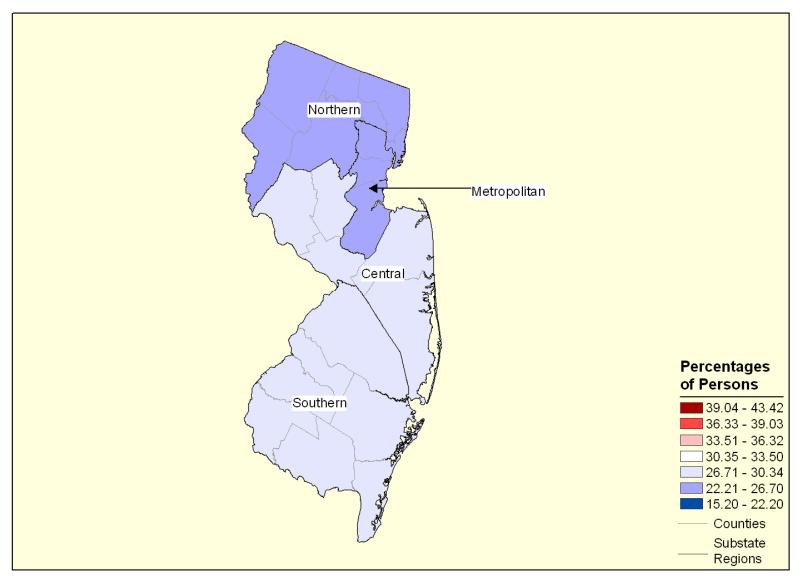


Figure 31.6.3 Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older in New Jersey, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

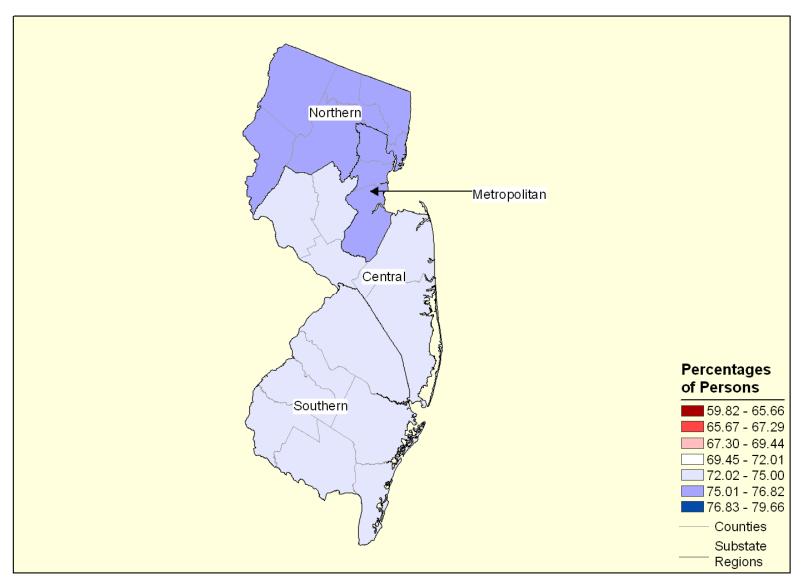


Figure 31.7.1 Alcohol Dependence in Past Year among Persons Aged 12 or Older in New Jersey, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

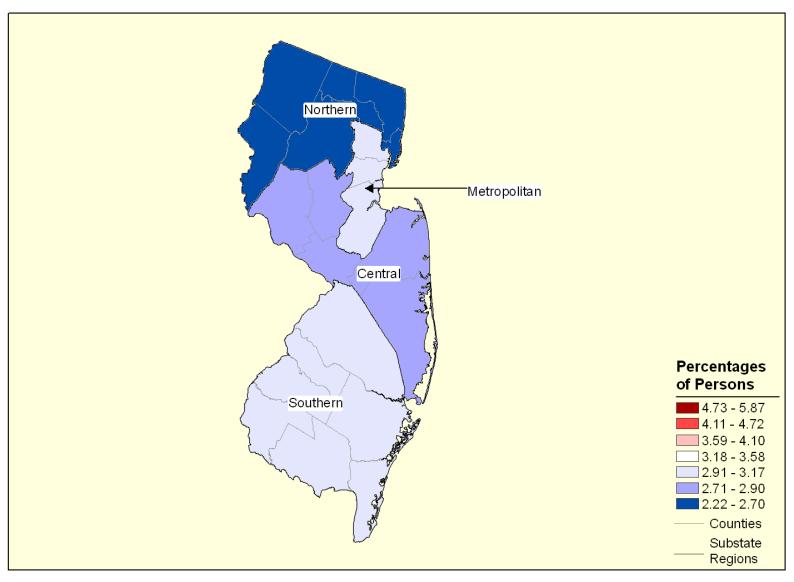


Figure 31.7.2 Any Illicit Drug Dependence in Past Year among Persons Aged 12 or Older in New Jersey, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

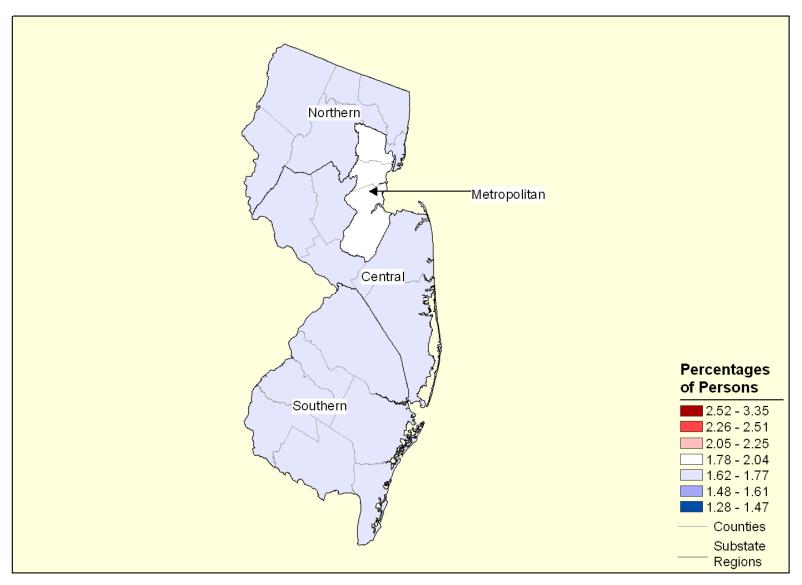


Figure 31.8.1 Alcohol Dependence or Abuse in Past Year among Persons Aged 12 or Older in New Jersey, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

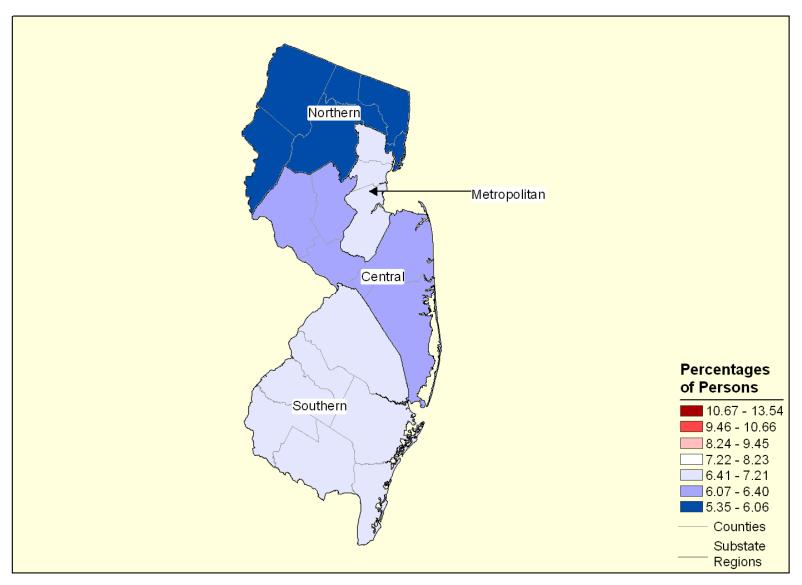


Figure 31.8.2 Any Illicit Drug Dependence or Abuse in Past Year among Persons Aged 12 or Older in New Jersey, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

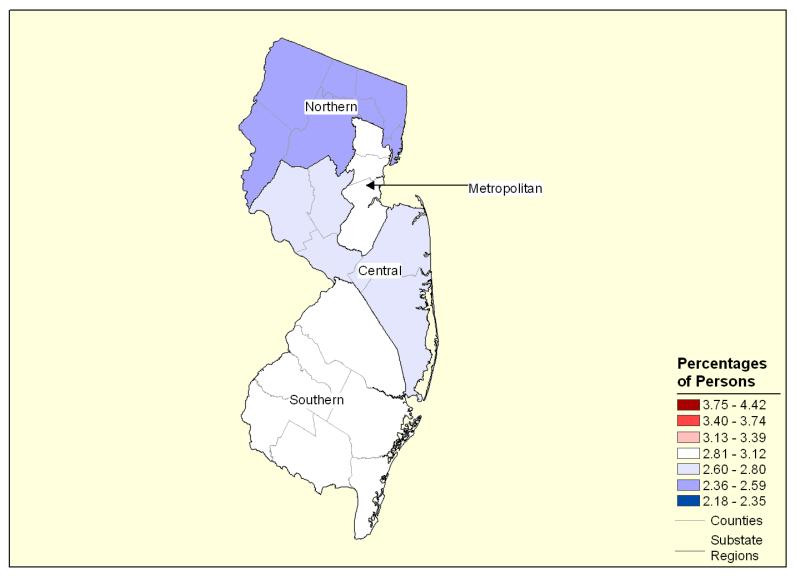


Figure 31.8.3 Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year among Persons Aged 12 or Older in New Jersey, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

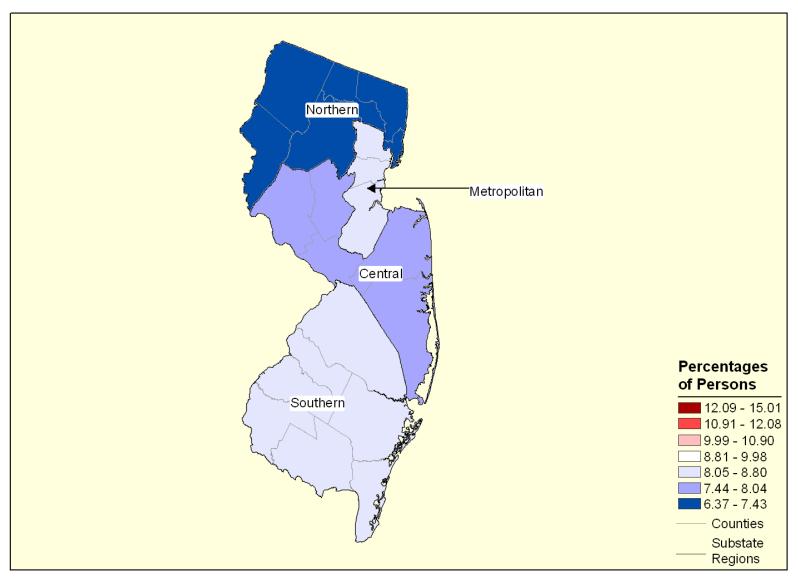


Figure 31.9.1 Needing But Not Receiving Treatment for Alcohol Use in Past Year among Persons Aged 12 or Older in New Jersey, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

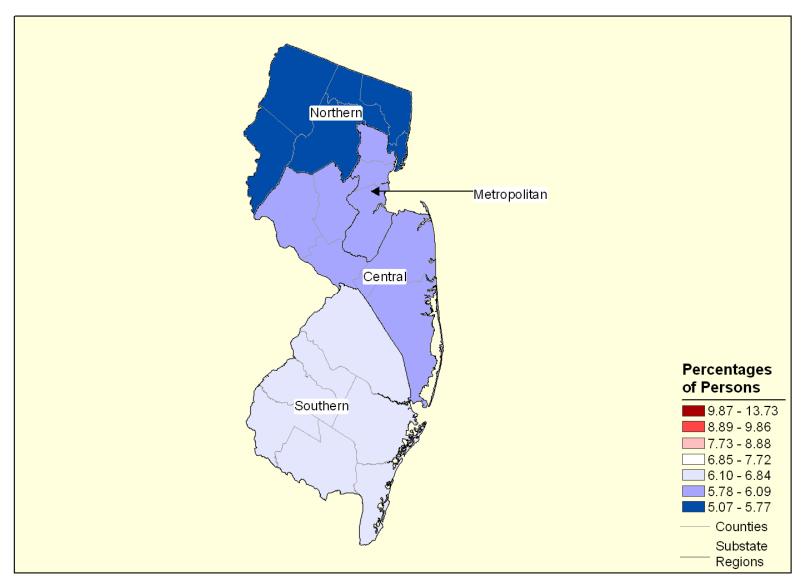


Figure 31.9.2 Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older in New Jersey, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

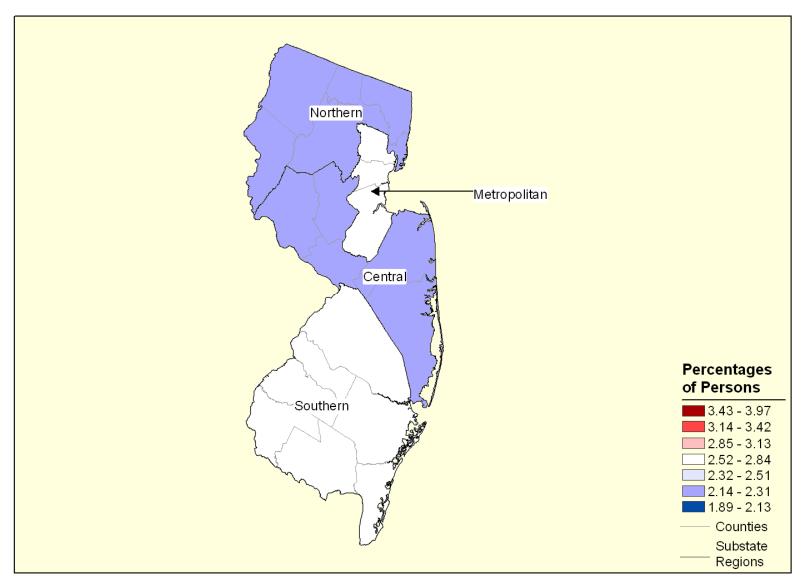


Figure 31.10 Serious Psychological Distress in Past Year among Persons Aged 18 or Older in New Jersey, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

