Table 2.1 Any Illicit Drug Use in Past Month and Any Illicit Drug Use Other Than Marijuana in Past Month in Alaska among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

	Any Illicit D	Orug Use in Past Month	Any Illicit Drug Use Other Than Marijuana in Past Month		
State/Substate Region	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	
Alaska	12.28	(10.79 - 13.93)	4.01	(3.34 - 4.81)	
Gulf Coast	12.30	(9.32 - 16.06)	3.72	(2.76 - 5.00)	
Rural	11.60	(8.47 - 15.68)	3.30	(2.36 - 4.60)	
Southeast	11.66	(8.92 - 15.11)	3.48	(2.59 - 4.65)	
Urban	12.50	(10.76 - 14.47)	4.28	(3.45 - 5.29)	

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

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

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

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

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Table 2.2 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 Alaska among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

				Average Annual Rate of First Use of Marijuana ¹		Perceptions of Great Risk of Smoking Marijuana Once a Month	
State/Substate Region	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	
Alaska	10.34	(8.89 - 11.99)	2.70	(2.32 - 3.13)	26.84	(24.31 - 29.53)	
Gulf Coast	10.01	(7.24 - 13.69)	2.66	(1.99 - 3.55)	24.72	(20.17 - 29.92)	
Rural	8.19	(5.99 - 11.09)	2.82	(1.96 - 4.02)	34.15	(28.97 - 39.74)	
Southeast	10.51	(7.74 - 14.13)	2.81	(2.05 - 3.85)	24.21	(19.82 - 29.20)	
Urban	10.72	(9.07 - 12.64)	2.66	(2.21 - 3.19)	26.49	(23.56 - 29.65)	

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.

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

		Marijuana Use in Past Year		Cocaine Use in Past Year		Nonmedical Use of Pain Relievers in Past Year	
State/Substate Region	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	
Alaska	16.45	(14.68 - 18.39)	2.57	(2.01 - 3.28)	5.43	(4.53 - 6.49)	
Gulf Coast	17.38	(13.66 - 21.87)	2.41	(1.66 - 3.50)	5.10	(3.70 - 7.00)	
Rural	13.03	(10.14 - 16.60)	1.80	(1.16 - 2.80)	4.01	(2.86 - 5.62)	
Southeast	18.00	(14.03 - 22.79)	2.80	(1.93 - 4.05)	5.41	(4.00 - 7.28)	
Urban	16.56	(14.54 - 18.80)	2.69	(2.08 - 3.46)	5.72	(4.67 - 6.99)	

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.

Table 2.4 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 Alaska among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

	Alcohol Use in Past Month				Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week	
State/Substate Region	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Alaska	49.77	(46.97 - 52.57)	22.31	(20.32 - 24.42)	41.13	(38.46 - 43.86)
Gulf Coast	51.46	(45.18 - 57.70)	23.86	(19.90 - 28.33)	37.54	(32.68 - 42.67)
Rural	34.24	(28.94 - 39.96)	19.76	(16.26 - 23.81)	42.95	(37.73 - 48.33)
Southeast	52.56	(46.51 - 58.54)	21.68	(18.04 - 25.84)	39.81	(34.73 - 45.13)
Urban	51.53	(48.23 - 54.81)	22.55	(20.25 - 25.04)	41.73	(38.67 - 44.85)

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

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

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

Table 2.5 Alcohol Use in Past Month and Binge Alcohol Use in Past Month among Persons Aged 12 to 20 in Alaska, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

		Alcohol Use in Past Month among Persons Aged 12 to 20		shol Use in Past Month ersons Aged 12 to 20 ¹
State/Substate Region	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Alaska	26.36	(24.25 - 28.58)	18.80	(16.93 - 20.83)
Gulf Coast	26.44	(22.31 - 31.01)	21.30	(17.61 - 25.51)
Rural	19.24	(15.27 - 23.96)	15.52	(12.05 - 19.78)
Southeast	26.58	(22.18 - 31.50)	19.08	(15.24 - 23.61)
Urban	27.66	(25.09 - 30.39)	18.93	(16.69 - 21.40)

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

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

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

Table 2.6 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 Alaska among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

		garette Use Past Month		acco Product Use Past Month ¹	of Smoki	ns of Great Risk ng One or More ligarettes Per Day
State/Substate Region	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Alaska	26.23	(23.89 - 28.70)	31.53	(29.00 - 34.18)	70.31	(67.79 - 72.70)
Gulf Coast	27.39	(23.20 - 32.03)	33.71	(28.79 - 39.02)	69.19	(64.77 - 73.29)
Rural	30.14	(25.68 - 35.00)	38.05	(32.50 - 43.92)	66.34	(61.89 - 70.52)
Southeast	26.03	(21.96 - 30.56)	31.92	(27.30 - 36.94)	71.56	(67.31 - 75.45)
Urban	25.40	(22.85 - 28.13)	29.98	(27.16 - 32.97)	70.94	(68.06 - 73.67)

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

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

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

Table 2.7 Alcohol Dependence in Past Year and Any Illicit Drug Dependence in Past Year in Alaska 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		rit Drug Dependence n Past Year ¹
State/Substate Region	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Alaska	3.58	(2.91 - 4.41)	2.21	(1.78 - 2.73)
Gulf Coast	3.38	(2.42 - 4.71)	1.99	(1.41 - 2.80)
Rural	4.20	(2.92 - 6.02)	1.64	(1.10 - 2.42)
Southeast	3.70	(2.65 - 5.13)	2.20	(1.56 - 3.10)
Urban	3.50	(2.74 - 4.45)	2.34	(1.83 - 3.00)

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

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

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

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

Table 2.8 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 Alaska among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

		Alcohol Dependence or Abuse in Past Year		Any Illicit Drug Dependence or Abuse in Past Year ¹		Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year ¹	
State/Substate Region	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	
Alaska	8.24	(7.09 - 9.56)	3.35	(2.78 - 4.03)	10.19	(8.94 - 11.59)	
Gulf Coast	8.07	(6.31 - 10.27)	3.22	(2.37 - 4.37)	9.64	(7.78 - 11.90)	
Rural	8.88	(6.82 - 11.47)	2.81	(2.00 - 3.94)	10.37	(8.20 - 13.03)	
Southeast	8.46	(6.64 - 10.71)	3.20	(2.36 - 4.33)	10.21	(8.10 - 12.78)	
Urban	8.13	(6.80 - 9.70)	3.49	(2.81 - 4.32)	10.26	(8.77 - 11.97)	

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

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

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

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

Table 2.9 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 Alaska 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 ¹		Needing But Not Receiving Treatment for Illicit Drug Use in Past Year ²		
State/Substate Region	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval		
Alaska	7.53	(6.43 - 8.80)	3.39	(2.79 - 4.11)		
Gulf Coast	7.30	(5.64 - 9.40)	3.34	(2.48 - 4.48)		
Rural	7.31	(5.65 - 9.39)	2.81	(2.01 - 3.91)		
Southeast	7.54	(5.85 - 9.65)	3.17	(2.34 - 4.30)		
Urban	7.61	(6.33 - 9.12)	3.53	(2.82 - 4.42)		

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

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

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

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

Table 2.10 Serious Psychological Distress in Past Year in Alaska 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			
Alaska	8.14	(6.78 - 9.74)			
Gulf Coast	8.28	(6.09 - 11.15)			
Rural	7.36	(5.44 - 9.89)			
Southeast	8.48	(6.28 - 11.35)			
Urban	8.17	(6.58 - 10.10)			

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

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

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

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

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Figure 2.1.1 Any Illicit Drug Use in Past Month among Persons Aged 12 or Older in Alaska, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

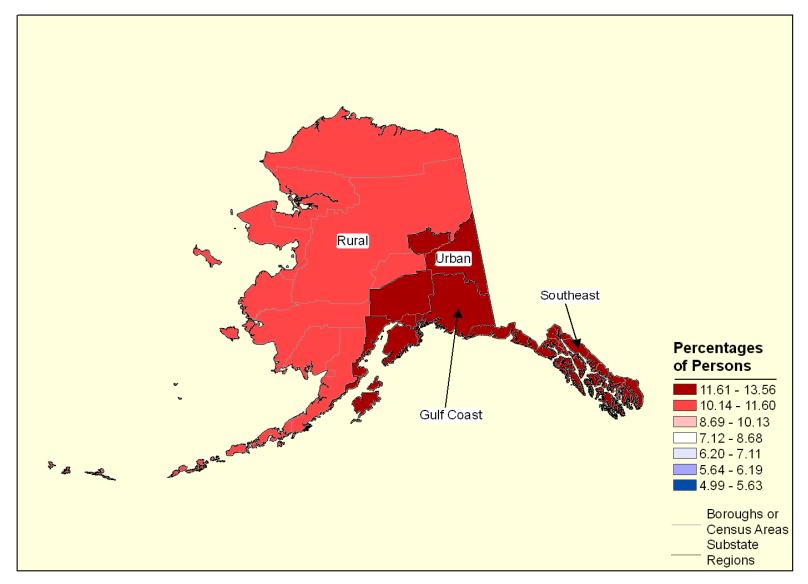


Figure 2.1.2 Any Illicit Drug Use Other Than Marijuana in Past Month among Persons Aged 12 or Older in Alaska, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

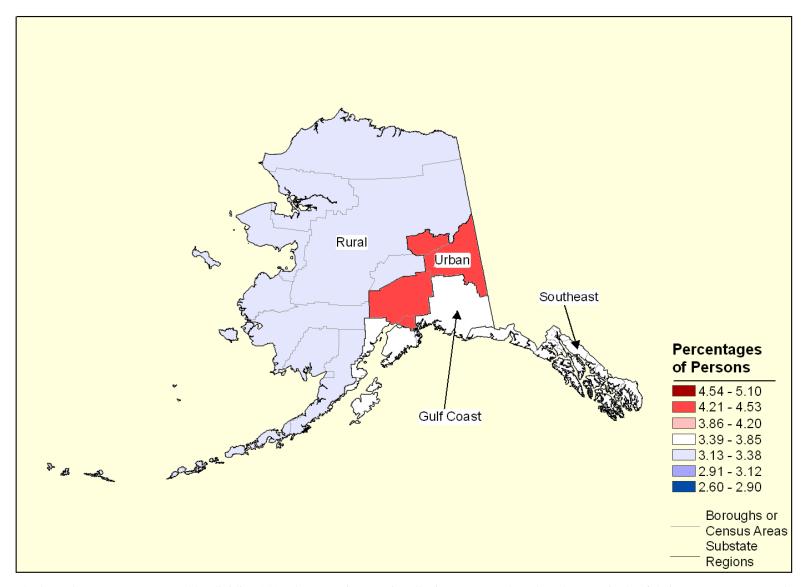


Figure 2.2.1 *Marijuana Use in Past Month* among Persons Aged 12 or Older in Alaska, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

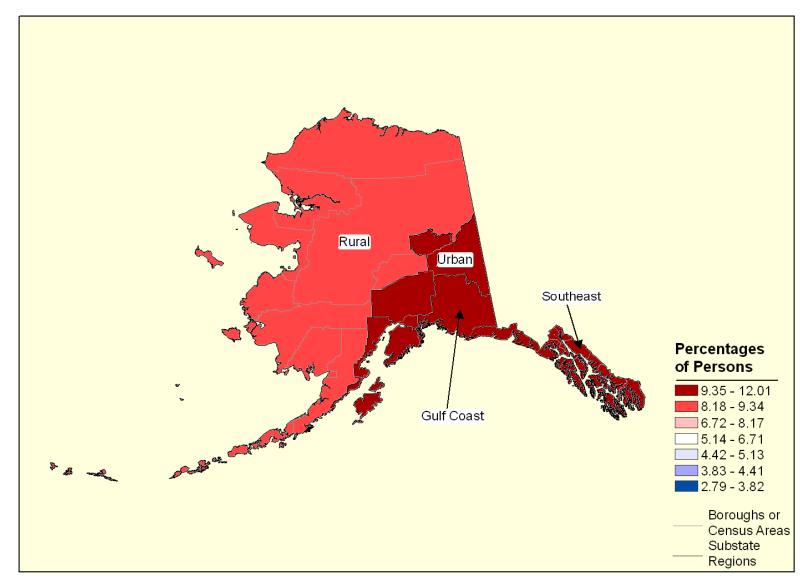


Figure 2.2.2 First Use of Marijuana among Persons Aged 12 or Older in Alaska, by Substate Region: Average Annual Rates Based on 2002, 2003, and 2004 NSDUHs

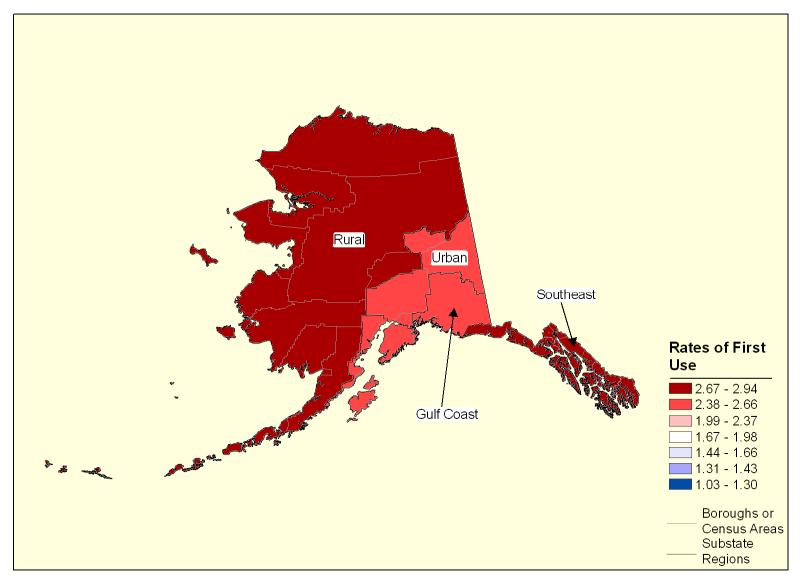


Figure 2.2.3 Perceptions of Great Risk of Smoking Marijuana Once a Month among Persons Aged 12 or Older in Alaska, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

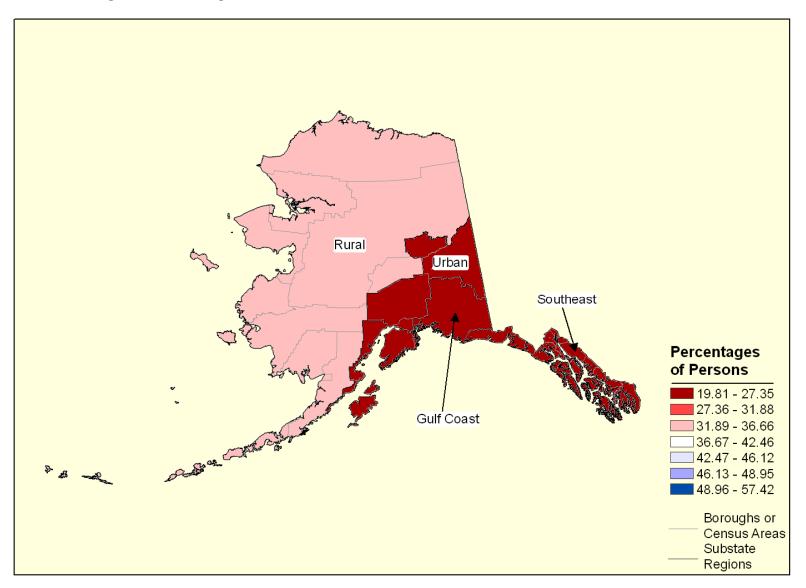


Figure 2.3.1 *Marijuana Use in Past Year* among Persons Aged 12 or Older in Alaska, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

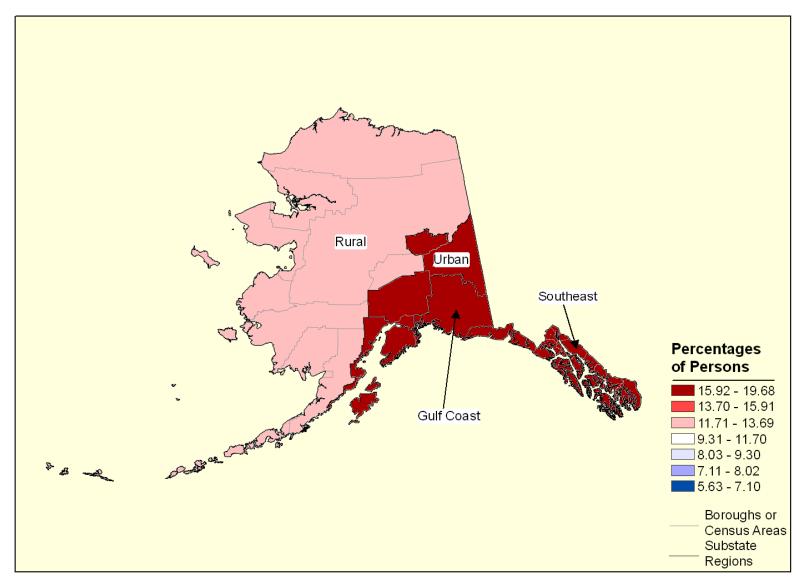


Figure 2.3.2 *Cocaine Use in Past Year* among Persons Aged 12 or Older in Alaska, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

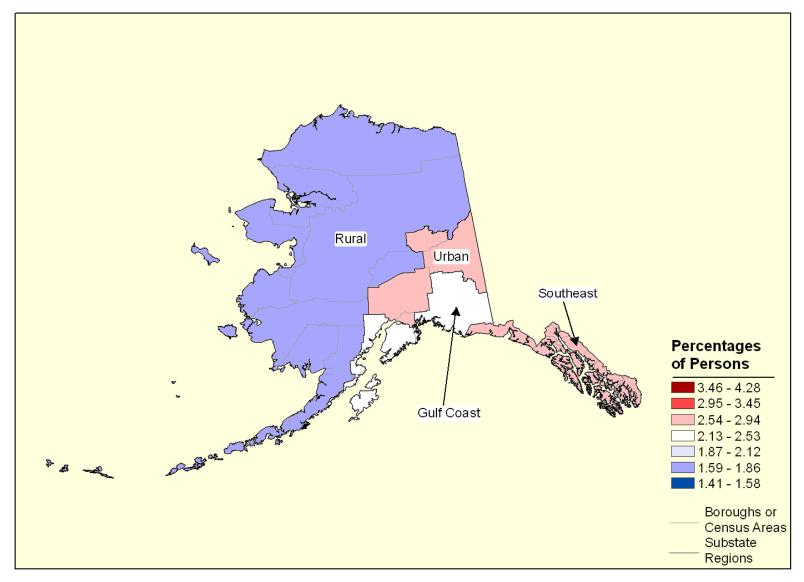


Figure 2.3.3 Nonmedical Use of Pain Relievers in Past Year among Persons Aged 12 or Older in Alaska, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

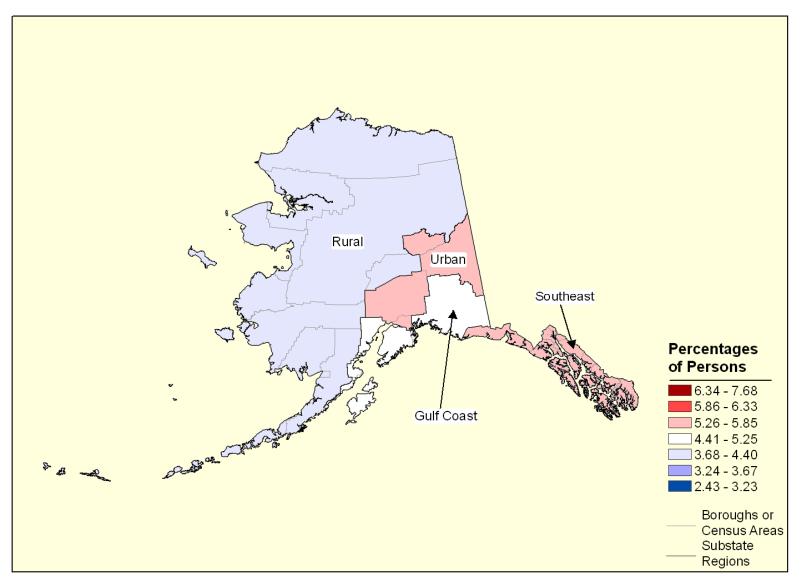


Figure 2.4.1 Alcohol Use in Past Month among Persons Aged 12 or Older in Alaska, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

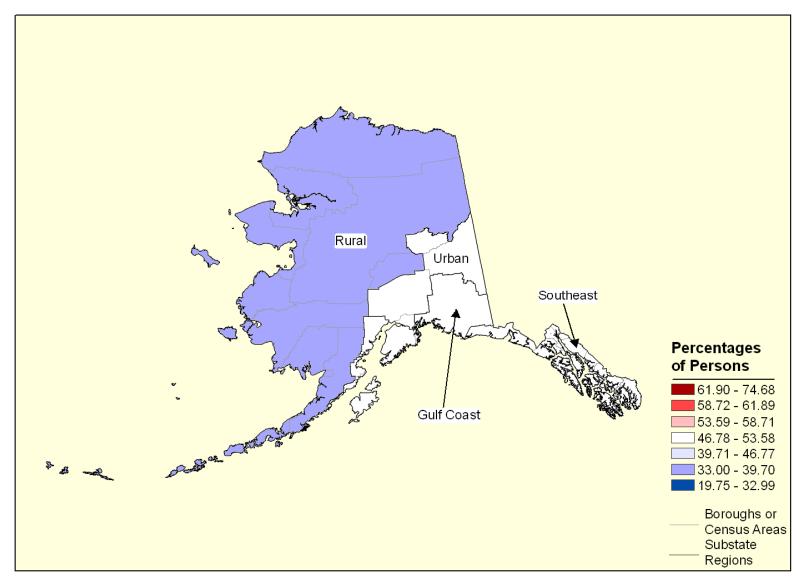


Figure 2.4.2 Binge Alcohol Use in Past Month among Persons Aged 12 or Older in Alaska, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

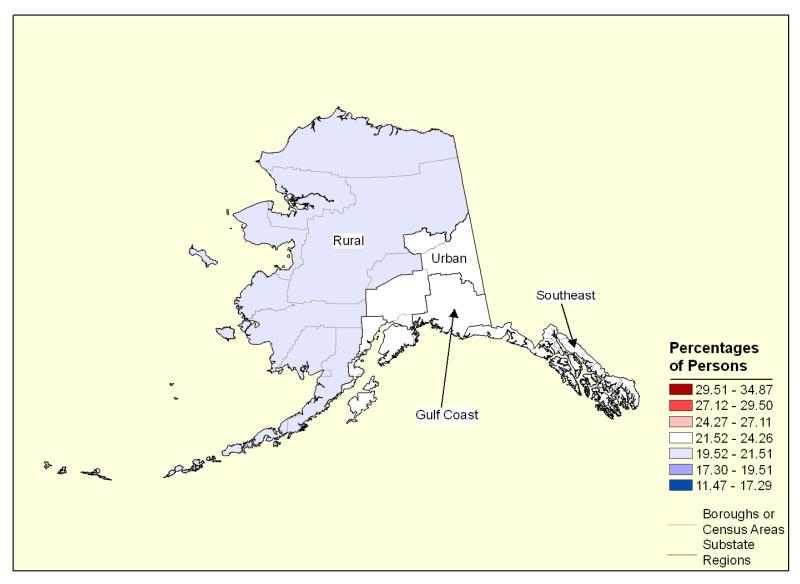


Figure 2.4.3 Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Persons Aged 12 or Older in Alaska, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

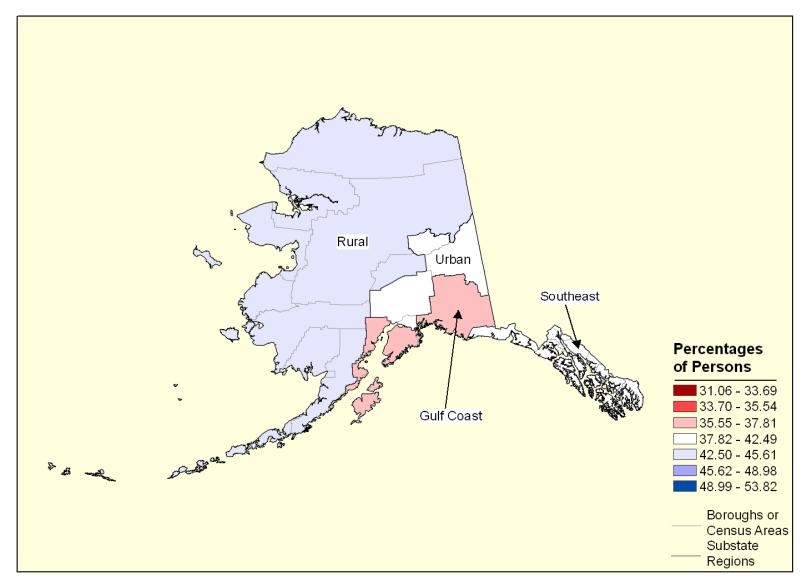


Figure 2.5.1 Alcohol Use in Past Month among Persons Aged 12 to 20 in Alaska, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

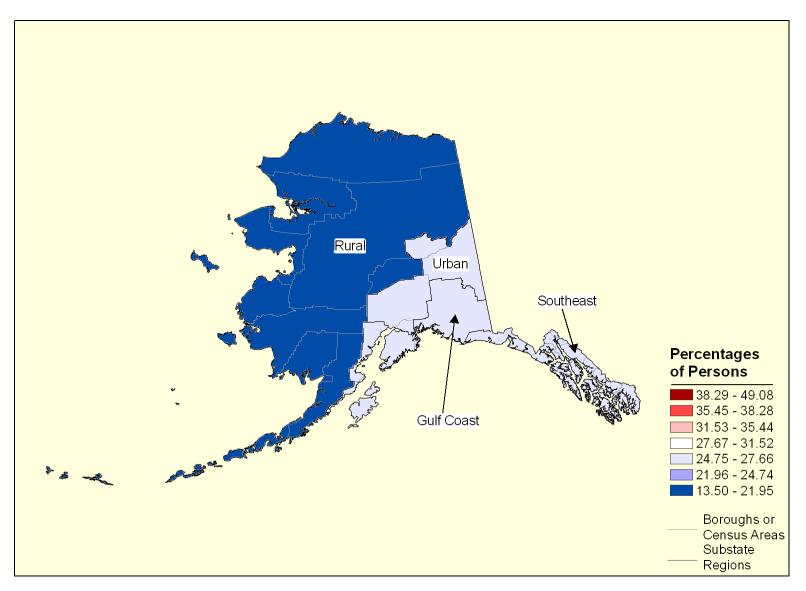


Figure 2.5.2 Binge Alcohol Use in Past Month among Persons Aged 12 to 20 in Alaska, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

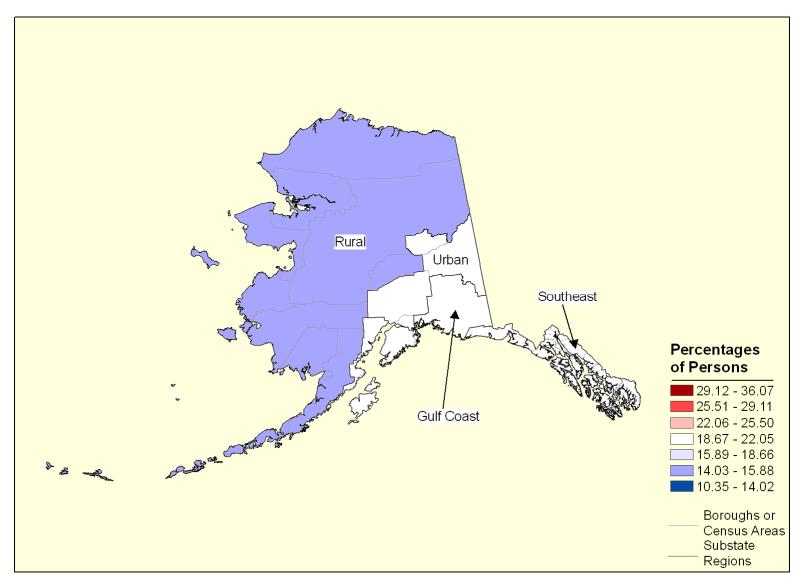


Figure 2.6.1 Cigarette Use in Past Month among Persons Aged 12 or Older in Alaska, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

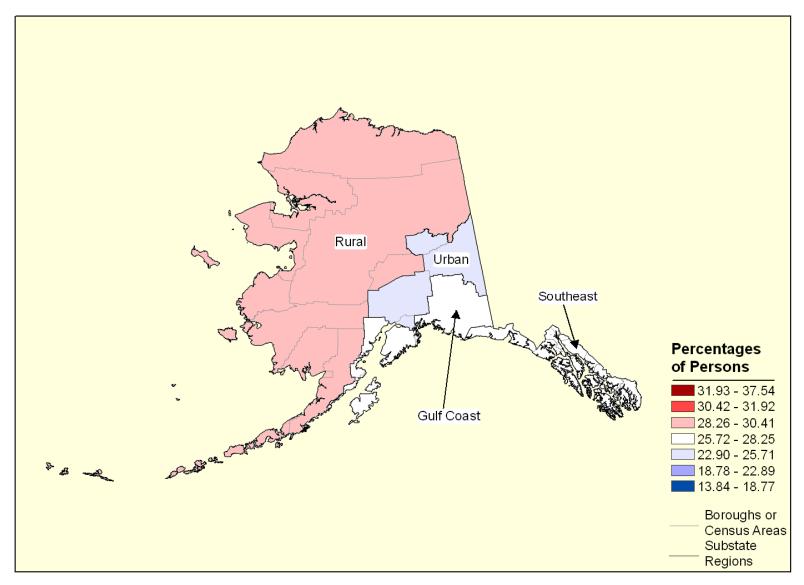


Figure 2.6.2 Any Tobacco Product Use in Past Month among Persons Aged 12 or Older in Alaska, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

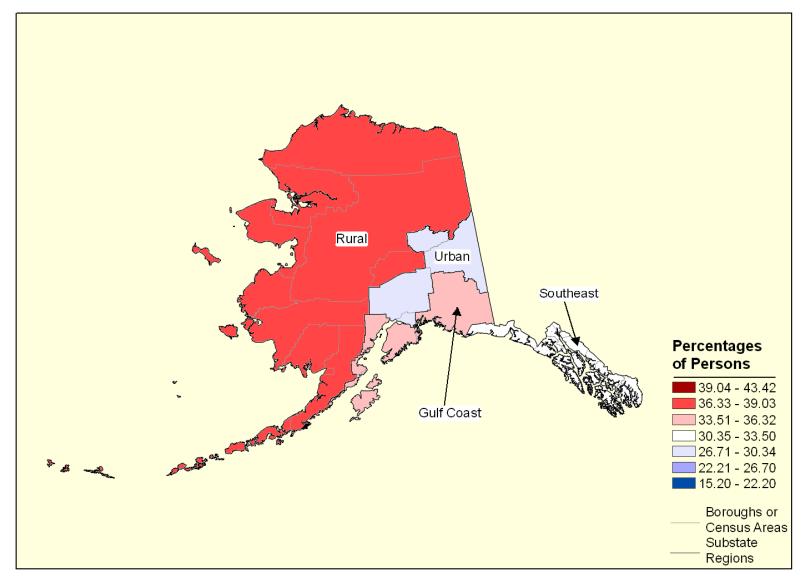


Figure 2.6.3 Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day among Persons Aged 12 or Older in Alaska, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

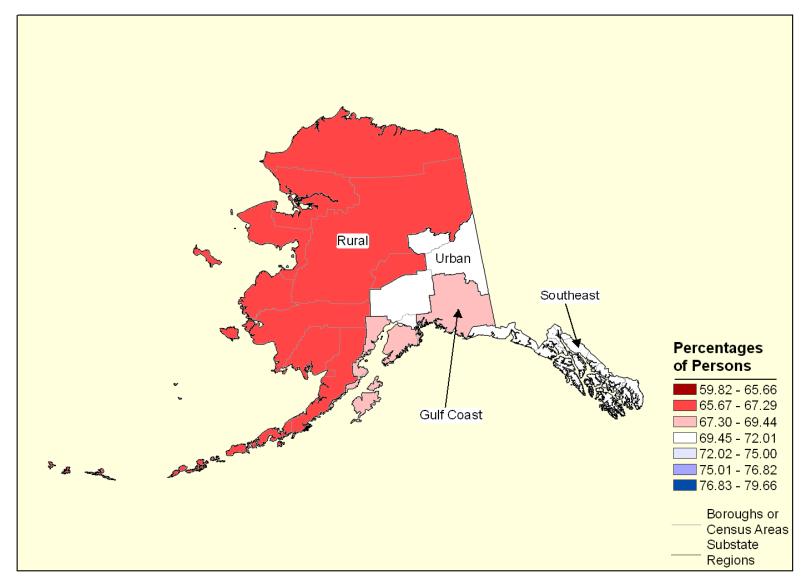


Figure 2.7.1 Alcohol Dependence in Past Year among Persons Aged 12 or Older in Alaska, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

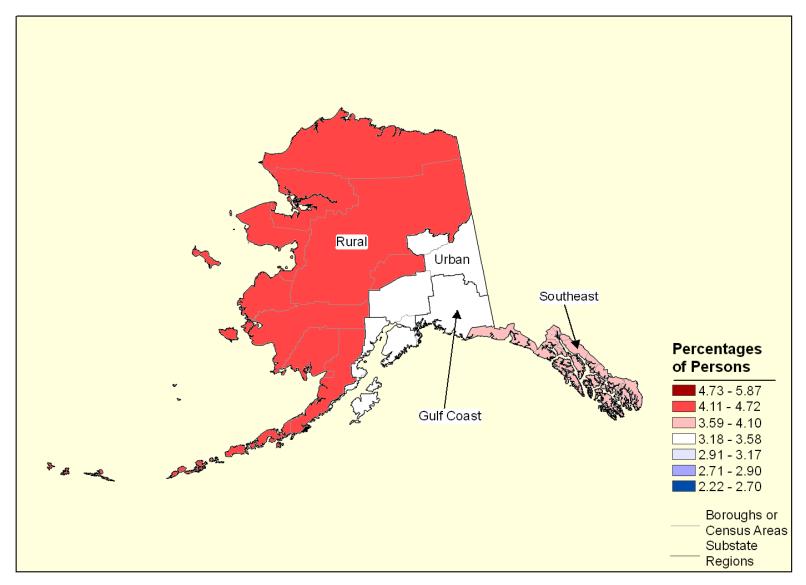


Figure 2.7.2 Any Illicit Drug Dependence in Past Year among Persons Aged 12 or Older in Alaska, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

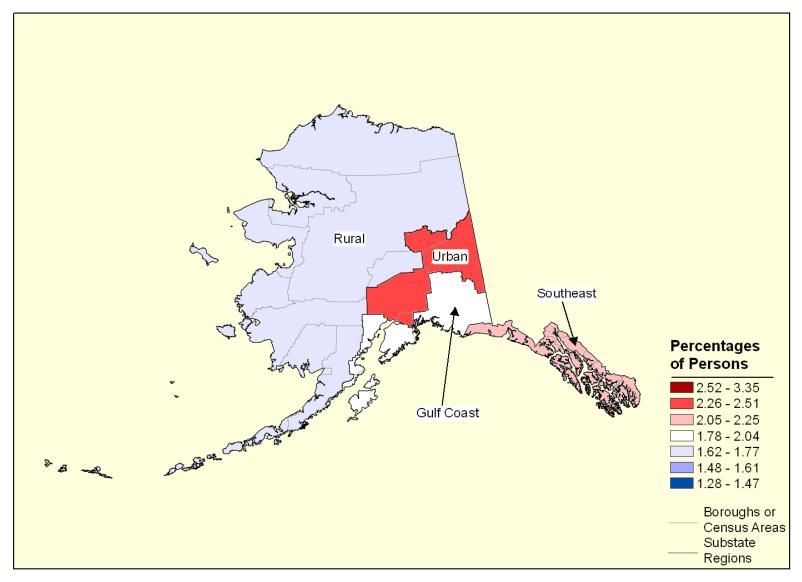


Figure 2.8.1 Alcohol Dependence or Abuse in Past Year among Persons Aged 12 or Older in Alaska, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

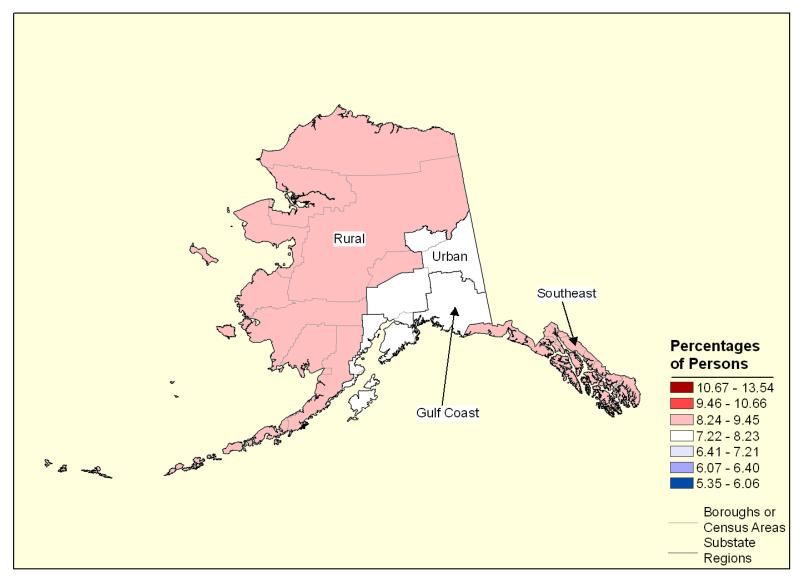


Figure 2.8.2 Any Illicit Drug Dependence or Abuse in Past Year among Persons Aged 12 or Older in Alaska, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

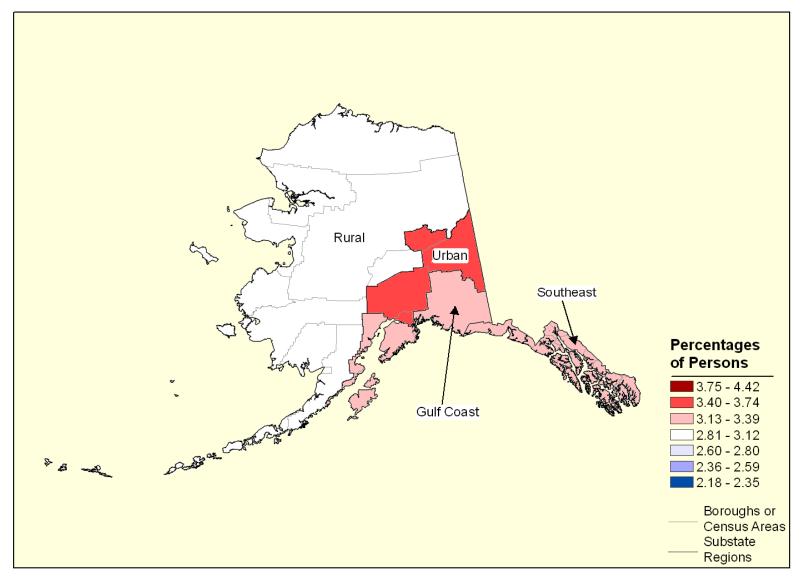


Figure 2.8.3 Dependence on or Abuse of Any Illicit Drug or Alcohol in Past Year among Persons Aged 12 or Older in Alaska, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

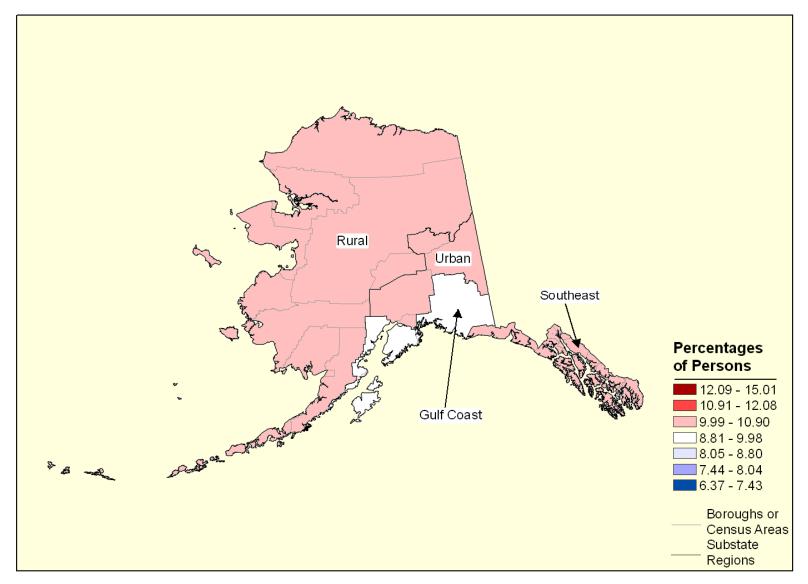


Figure 2.9.1 Needing But Not Receiving Treatment for Alcohol Use in Past Year among Persons Aged 12 or Older in Alaska, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

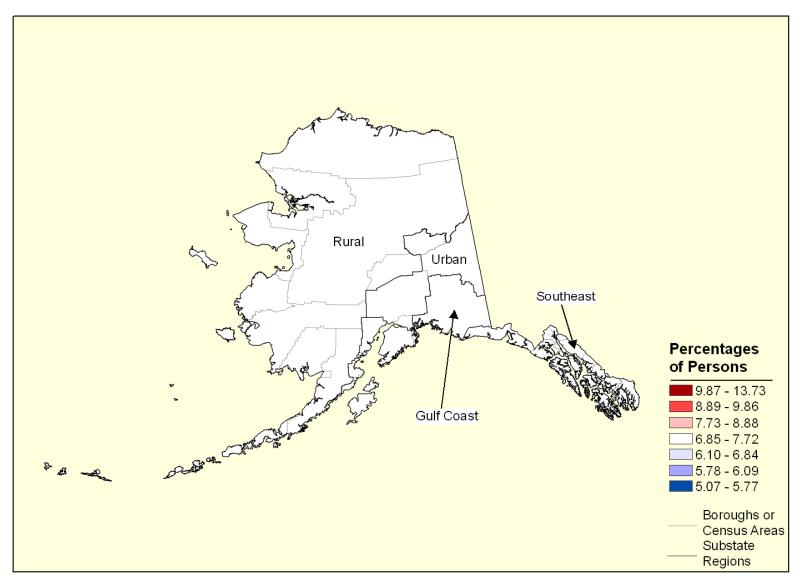


Figure 2.9.2 Needing But Not Receiving Treatment for Illicit Drug Use in Past Year among Persons Aged 12 or Older in Alaska, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

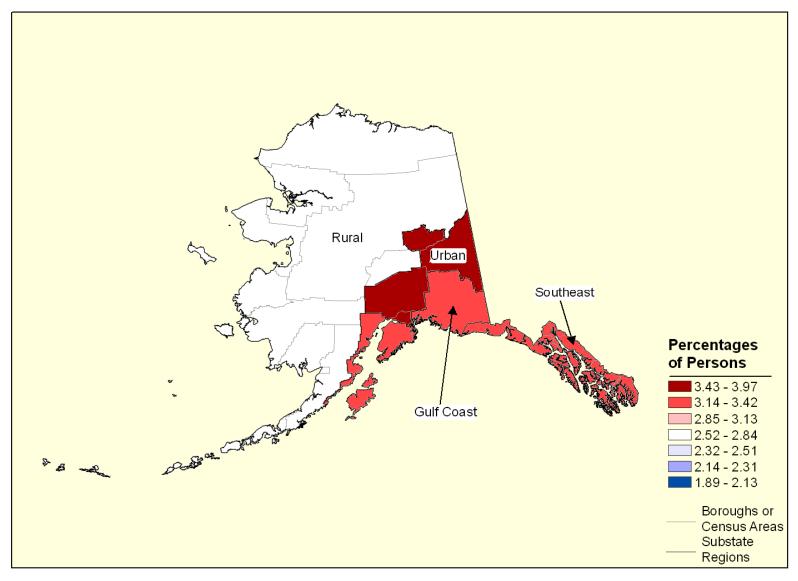


Figure 2.10 Serious Psychological Distress in Past Year among Persons Aged 18 or Older in Alaska, by Substate Region: Percentages, Annual Averages Based on 2002, 2003, and 2004 NSDUHs

