

**Table 24.1 *Illicit Drug Use in the Past Month and Illicit Drug Use Other Than Marijuana in the Past Month* in Minnesota among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs**

| State/Substate Region | Illicit Drug Use<br>in the Past Month |                            | Illicit Drug Use Other Than<br>Marijuana in the Past Month |                            |
|-----------------------|---------------------------------------|----------------------------|------------------------------------------------------------|----------------------------|
|                       | Estimate                              | 95% Prediction<br>Interval | Estimate                                                   | 95% Prediction<br>Interval |
| <b>Minnesota</b>      | 8.32                                  | (7.17 - 9.62)              | 2.49                                                       | (1.94 - 3.20)              |
| Regions 1 and 2       | 7.80                                  | (5.68 - 10.62)             | 2.61                                                       | (1.75 - 3.87)              |
| Regions 3 and 4       | 7.85                                  | (6.07 - 10.10)             | 2.38                                                       | (1.62 - 3.47)              |
| Regions 5 and 6       | 7.58                                  | (5.89 - 9.72)              | 2.43                                                       | (1.70 - 3.47)              |
| Region 7A (Hennepin)  | 8.91                                  | (7.00 - 11.28)             | 2.46                                                       | (1.68 - 3.59)              |
| Region 7B (Ramsey)    | 10.86                                 | (8.10 - 14.41)             | 2.71                                                       | (1.84 - 3.99)              |
| Region 7C             | 7.81                                  | (6.23 - 9.77)              | 2.50                                                       | (1.80 - 3.48)              |

NOTE: For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

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

NOTE: Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically. Illicit Drugs Other Than Marijuana include cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically. These estimates include data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

**Table 24.2 *Marijuana Use in the Past Month, Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) of First Use of Marijuana, and Perceptions of Great Risk from Smoking Marijuana Once a Month in Minnesota among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs***

| State/Substate Region | Marijuana Use in the Past Month |                         | Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) of First Use of Marijuana <sup>1</sup> |                         | Perceptions of Great Risk from Smoking Marijuana Once a Month |                         |
|-----------------------|---------------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------------------------------------------|-------------------------|
|                       | Estimate                        | 95% Prediction Interval | Estimate                                                                                                                       | 95% Prediction Interval | Estimate                                                      | 95% Prediction Interval |
| <b>Minnesota</b>      | 6.84                            | (5.82 - 8.02)           | 1.76                                                                                                                           | (1.54 - 2.02)           | 24.08                                                         | (21.84 - 26.49)         |
| Regions 1 and 2       | 6.14                            | (4.38 - 8.55)           | 1.46                                                                                                                           | (1.10 - 1.95)           | 25.76                                                         | (21.14 - 30.98)         |
| Regions 3 and 4       | 6.76                            | (5.11 - 8.90)           | 1.65                                                                                                                           | (1.29 - 2.11)           | 25.30                                                         | (21.37 - 29.69)         |
| Regions 5 and 6       | 6.50                            | (4.88 - 8.63)           | 1.50                                                                                                                           | (1.19 - 1.88)           | 27.35                                                         | (23.25 - 31.87)         |
| Region 7A (Hennepin)  | 7.40                            | (5.66 - 9.60)           | 1.77                                                                                                                           | (1.41 - 2.24)           | 22.19                                                         | (18.67 - 26.16)         |
| Region 7B (Ramsey)    | 8.61                            | (6.25 - 11.75)          | 2.38                                                                                                                           | (1.79 - 3.18)           | 21.57                                                         | (17.48 - 26.31)         |
| Region 7C             | 6.16                            | (4.81 - 7.87)           | 1.99                                                                                                                           | (1.61 - 2.45)           | 22.63                                                         | (19.30 - 26.36)         |

NOTE: For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

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

<sup>1</sup> *Average annual initiation of marijuana (%)* =  $100 * \{[X_1 \div (0.5 * X_1 + X_2)] \div 2\}$ , where  $X_1$  is the number of marijuana initiates in the past 24 months and  $X_2$  is the number of individuals who never used marijuana (with the at-risk population defined as  $0.5 * X_1 + X_2$ ). Both of the computation components,  $X_1$  and  $X_2$ , are based on a survey-weighted hierarchical Bayes estimation approach. The age group shown is based on a respondent's age at the time of the interview, not his or her age at first use. The Bayesian confidence (credible) intervals presented for Average Annual Estimates 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. For details, see Section B of the "2011-2012 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

**Table 24.3 *Marijuana Use in the Past Year, Cocaine Use in the Past Year, and Nonmedical Use of Pain Relievers in the Past Year in Minnesota among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs***

| State/Substate Region | Marijuana Use<br>in the Past Year |                            | Cocaine Use<br>in the Past Year |                               | Nonmedical Use of Pain<br>Relievers in the Past Year |                               |
|-----------------------|-----------------------------------|----------------------------|---------------------------------|-------------------------------|------------------------------------------------------|-------------------------------|
|                       | Estimate                          | 95% Prediction<br>Interval | Estimate                        | 95%<br>Prediction<br>Interval | Estimate                                             | 95%<br>Prediction<br>Interval |
| <b>Minnesota</b>      | 12.31                             | (10.86 - 13.91)            | 1.22                            | (0.87 - 1.72)                 | 3.41                                                 | (2.78 - 4.17)                 |
| Regions 1 and 2       | 11.07                             | (8.49 - 14.32)             | 1.13                            | (0.65 - 1.96)                 | 3.47                                                 | (2.57 - 4.68)                 |
| Regions 3 and 4       | 11.76                             | (9.39 - 14.63)             | 1.09                            | (0.64 - 1.85)                 | 3.50                                                 | (2.67 - 4.56)                 |
| Regions 5 and 6       | 11.05                             | (8.96 - 13.55)             | 1.21                            | (0.73 - 2.00)                 | 3.43                                                 | (2.58 - 4.54)                 |
| Region 7A (Hennepin)  | 14.17                             | (11.62 - 17.16)            | 1.51                            | (0.93 - 2.45)                 | 3.19                                                 | (2.41 - 4.23)                 |
| Region 7B (Ramsey)    | 15.31                             | (11.96 - 19.39)            | 1.54                            | (0.88 - 2.67)                 | 3.69                                                 | (2.73 - 4.96)                 |
| Region 7C             | 11.17                             | (9.24 - 13.45)             | 0.95                            | (0.57 - 1.59)                 | 3.37                                                 | (2.59 - 4.39)                 |

NOTE: For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

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

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

**Table 24.4 *Alcohol Use in the Past Month, Binge Alcohol Use in the Past Month, and Perceptions of Great Risk from Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week in Minnesota among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs***

| State/Substate Region   | Alcohol Use<br>in the Past Month |                               | Binge Alcohol Use<br>in the Past Month <sup>1</sup> |                               | Perceptions of Great<br>Risk from Having Five or<br>More Drinks of an<br>Alcoholic Beverage<br>Once or Twice a Week |                               |
|-------------------------|----------------------------------|-------------------------------|-----------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------|
|                         | Estimate                         | 95%<br>Prediction<br>Interval | Estimate                                            | 95%<br>Prediction<br>Interval | Estimate                                                                                                            | 95%<br>Prediction<br>Interval |
| <b>Minnesota</b>        | 59.26                            | (56.72 - 61.76)               | 26.05                                               | (23.96 - 28.26)               | 35.41                                                                                                               | (33.03 - 37.87)               |
| Regions 1 and 2         | 54.77                            | (48.60 - 60.80)               | 24.84                                               | (20.90 - 29.25)               | 35.02                                                                                                               | (30.49 - 39.83)               |
| Regions 3 and 4         | 57.69                            | (52.53 - 62.70)               | 25.64                                               | (22.06 - 29.59)               | 33.47                                                                                                               | (29.59 - 37.59)               |
| Regions 5 and 6         | 58.35                            | (53.20 - 63.33)               | 27.32                                               | (23.65 - 31.33)               | 34.47                                                                                                               | (30.57 - 38.60)               |
| Region 7A<br>(Hennepin) | 62.87                            | (58.06 - 67.44)               | 26.77                                               | (23.18 - 30.70)               | 37.68                                                                                                               | (33.83 - 41.68)               |
| Region 7B (Ramsey)      | 58.48                            | (52.79 - 63.96)               | 26.89                                               | (22.92 - 31.26)               | 37.23                                                                                                               | (32.81 - 41.87)               |
| Region 7C               | 60.00                            | (55.73 - 64.12)               | 24.76                                               | (21.58 - 28.25)               | 34.82                                                                                                               | (31.27 - 38.54)               |

NOTE: For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

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

<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.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

**Table 24.5 *Alcohol Use in the Past Month and Binge Alcohol Use in the Past Month among Individuals Aged 12 to 20 in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs***

| State/Substate Region | Alcohol Use in the Past Month<br>among Individuals Aged 12 to 20 |                            | Binge Alcohol Use in the Past Month<br>among Individuals Aged 12 to 20 <sup>1</sup> |                            |
|-----------------------|------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------|----------------------------|
|                       | Estimate                                                         | 95% Prediction<br>Interval | Estimate                                                                            | 95% Prediction<br>Interval |
| <b>Minnesota</b>      | 24.16                                                            | (22.11 - 26.35)            | 15.34                                                                               | (13.69 - 17.15)            |
| Regions 1 and 2       | 25.60                                                            | (21.52 - 30.16)            | 18.03                                                                               | (14.54 - 22.14)            |
| Regions 3 and 4       | 25.33                                                            | (21.75 - 29.28)            | 16.57                                                                               | (13.56 - 20.10)            |
| Regions 5 and 6       | 25.71                                                            | (22.05 - 29.75)            | 17.62                                                                               | (14.30 - 21.51)            |
| Region 7A (Hennepin)  | 24.27                                                            | (20.80 - 28.12)            | 14.53                                                                               | (11.78 - 17.80)            |
| Region 7B (Ramsey)    | 24.94                                                            | (20.76 - 29.66)            | 15.90                                                                               | (12.57 - 19.90)            |
| Region 7C             | 21.04                                                            | (18.19 - 24.20)            | 11.93                                                                               | (9.68 - 14.63)             |

NOTE: For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

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

<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.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

**Table 24.6 Cigarette Use in the Past Month, Tobacco Product Use in the Past Month, and Perceptions of Great Risk from Smoking One or More Packs of Cigarettes per Day in Minnesota among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs**

| State/Substate Region | Cigarette Use<br>in the Past Month |                               | Tobacco Product Use<br>in the Past Month <sup>1</sup> |                               | Perceptions of Great Risk<br>from Smoking One or<br>More Packs of Cigarettes<br>per Day |                               |
|-----------------------|------------------------------------|-------------------------------|-------------------------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------|-------------------------------|
|                       | Estimate                           | 95%<br>Prediction<br>Interval | Estimate                                              | 95%<br>Prediction<br>Interval | Estimate                                                                                | 95%<br>Prediction<br>Interval |
| <b>Minnesota</b>      | 21.47                              | (19.63 - 23.43)               | 27.28                                                 | (25.07 - 29.59)               | 69.63                                                                                   | (67.46 - 71.72)               |
| Regions 1 and 2       | 23.78                              | (20.04 - 27.97)               | 28.88                                                 | (24.38 - 33.84)               | 66.44                                                                                   | (61.87 - 70.72)               |
| Regions 3 and 4       | 25.45                              | (21.82 - 29.47)               | 32.42                                                 | (28.29 - 36.84)               | 67.55                                                                                   | (63.41 - 71.43)               |
| Regions 5 and 6       | 24.26                              | (20.75 - 28.16)               | 30.11                                                 | (26.22 - 34.30)               | 67.05                                                                                   | (63.07 - 70.81)               |
| Region 7A (Hennepin)  | 18.18                              | (15.38 - 21.36)               | 24.18                                                 | (20.63 - 28.12)               | 73.19                                                                                   | (69.59 - 76.52)               |
| Region 7B (Ramsey)    | 21.60                              | (18.05 - 25.63)               | 26.77                                                 | (22.60 - 31.41)               | 69.48                                                                                   | (65.03 - 73.59)               |
| Region 7C             | 18.24                              | (15.60 - 21.21)               | 23.53                                                 | (20.46 - 26.90)               | 71.35                                                                                   | (68.00 - 74.48)               |

NOTE: For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

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

<sup>1</sup>Tobacco Products include cigarettes, smokeless tobacco (i.e., chewing tobacco or snuff), cigars, or pipe tobacco.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

**Table 24.7 *Alcohol Dependence in the Past Year and Illicit Drug Dependence in the Past Year in Minnesota among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs***

| State/Substate Region | Alcohol Dependence<br>in the Past Year |                            | Illicit Drug Dependence<br>in the Past Year <sup>1</sup> |                            |
|-----------------------|----------------------------------------|----------------------------|----------------------------------------------------------|----------------------------|
|                       | Estimate                               | 95% Prediction<br>Interval | Estimate                                                 | 95% Prediction<br>Interval |
| <b>Minnesota</b>      | 2.87                                   | (2.34 - 3.52)              | 1.58                                                     | (1.27 - 1.98)              |
| Regions 1 and 2       | 2.81                                   | (1.97 - 4.00)              | 1.63                                                     | (1.12 - 2.36)              |
| Regions 3 and 4       | 2.98                                   | (2.12 - 4.16)              | 1.56                                                     | (1.12 - 2.18)              |
| Regions 5 and 6       | 2.80                                   | (2.01 - 3.89)              | 1.53                                                     | (1.10 - 2.13)              |
| Region 7A (Hennepin)  | 2.96                                   | (2.11 - 4.14)              | 1.71                                                     | (1.21 - 2.40)              |
| Region 7B (Ramsey)    | 2.93                                   | (2.04 - 4.20)              | 1.73                                                     | (1.21 - 2.48)              |
| Region 7C             | 2.77                                   | (2.02 - 3.79)              | 1.44                                                     | (1.06 - 1.96)              |

NOTE: For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

NOTE: Estimates along with the 95 percent Bayesian confidence (credible) intervals are based on a survey-weighted hierarchical Bayes estimation approach and 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).

<sup>1</sup> Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically, including data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

**Table 24.8 *Alcohol Dependence or Abuse in the Past Year, Illicit Drug Dependence or Abuse in the Past Year, and Dependence or Abuse of Illicit Drugs or Alcohol in the Past Year in Minnesota among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs***

| State/Substate Region | Alcohol Dependence or Abuse in the Past Year |                         | Illicit Drug Dependence or Abuse in the Past Year <sup>1</sup> |                         | Dependence or Abuse of Illicit Drugs or Alcohol in the Past Year <sup>1</sup> |                         |
|-----------------------|----------------------------------------------|-------------------------|----------------------------------------------------------------|-------------------------|-------------------------------------------------------------------------------|-------------------------|
|                       | Estimate                                     | 95% Prediction Interval | Estimate                                                       | 95% Prediction Interval | Estimate                                                                      | 95% Prediction Interval |
| <b>Minnesota</b>      | 6.60                                         | (5.72 - 7.61)           | 2.37                                                           | (1.92 - 2.92)           | 8.20                                                                          | (7.22 - 9.30)           |
| Regions 1 and 2       | 6.54                                         | (5.07 - 8.39)           | 2.48                                                           | (1.76 - 3.48)           | 8.37                                                                          | (6.68 - 10.45)          |
| Regions 3 and 4       | 6.36                                         | (5.08 - 7.93)           | 2.36                                                           | (1.71 - 3.24)           | 8.19                                                                          | (6.66 - 10.02)          |
| Regions 5 and 6       | 6.57                                         | (5.29 - 8.13)           | 2.18                                                           | (1.60 - 2.98)           | 8.31                                                                          | (6.76 - 10.18)          |
| Region 7A (Hennepin)  | 7.14                                         | (5.71 - 8.91)           | 2.49                                                           | (1.82 - 3.39)           | 8.64                                                                          | (7.03 - 10.57)          |
| Region 7B (Ramsey)    | 7.35                                         | (5.74 - 9.37)           | 2.97                                                           | (2.10 - 4.19)           | 9.26                                                                          | (7.48 - 11.40)          |
| Region 7C             | 5.97                                         | (4.83 - 7.37)           | 2.11                                                           | (1.58 - 2.80)           | 7.14                                                                          | (5.89 - 8.62)           |

NOTE: For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

NOTE: Estimates along with the 95 percent Bayesian confidence (credible) intervals are based on a survey-weighted hierarchical Bayes estimation approach and 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).

<sup>1</sup> Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically, including data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

**Table 24.9 *Needing But Not Receiving Treatment for Alcohol Use in the Past Year and Needing But Not Receiving Treatment for Illicit Drug Use in the Past Year* in Minnesota among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs**

| State/Substate Region | Needing But Not Receiving Treatment for Alcohol Use in the Past Year <sup>1</sup> |                         | Needing But Not Receiving Treatment for Illicit Drug Use in the Past Year <sup>2</sup> |                         |
|-----------------------|-----------------------------------------------------------------------------------|-------------------------|----------------------------------------------------------------------------------------|-------------------------|
|                       | Estimate                                                                          | 95% Prediction Interval | Estimate                                                                               | 95% Prediction Interval |
| <b>Minnesota</b>      | 6.16                                                                              | (5.31 - 7.15)           | 2.02                                                                                   | (1.61 - 2.54)           |
| Regions 1 and 2       | 5.98                                                                              | (4.61 - 7.72)           | 2.03                                                                                   | (1.48 - 2.79)           |
| Regions 3 and 4       | 6.20                                                                              | (4.86 - 7.88)           | 1.98                                                                                   | (1.44 - 2.69)           |
| Regions 5 and 6       | 6.32                                                                              | (5.03 - 7.91)           | 1.90                                                                                   | (1.39 - 2.59)           |
| Region 7A (Hennepin)  | 6.51                                                                              | (5.19 - 8.13)           | 2.17                                                                                   | (1.58 - 2.97)           |
| Region 7B (Ramsey)    | 6.38                                                                              | (4.96 - 8.17)           | 2.47                                                                                   | (1.73 - 3.51)           |
| Region 7C             | 5.65                                                                              | (4.52 - 7.04)           | 1.82                                                                                   | (1.33 - 2.48)           |

NOTE: For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

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

<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], or mental health centers).

<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], or mental health centers). Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically, including data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

**Table 24.10 *Serious Mental Illness in the Past Year and Any Mental Illness in the Past Year in Minnesota among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs***

| State/Substate Region | Serious Mental Illness<br>in the Past Year |                            | Any Mental Illness<br>in the Past Year |                            |
|-----------------------|--------------------------------------------|----------------------------|----------------------------------------|----------------------------|
|                       | Estimate                                   | 95% Confidence<br>Interval | Estimate                               | 95% Confidence<br>Interval |
| <b>Minnesota</b>      | 4.32                                       | (3.57 - 5.23)              | 18.46                                  | (16.65 - 20.42)            |
| Regions 1 and 2       | 4.83                                       | (3.61 - 6.43)              | 18.97                                  | (16.04 - 22.29)            |
| Regions 3 and 4       | 4.57                                       | (3.42 - 6.09)              | 18.82                                  | (16.16 - 21.80)            |
| Regions 5 and 6       | 4.57                                       | (3.41 - 6.11)              | 18.62                                  | (15.89 - 21.71)            |
| Region 7A (Hennepin)  | 4.14                                       | (3.12 - 5.48)              | 18.59                                  | (15.98 - 21.52)            |
| Region 7B (Ramsey)    | 4.41                                       | (3.27 - 5.93)              | 19.40                                  | (16.55 - 22.62)            |
| Region 7C             | 3.83                                       | (2.90 - 5.04)              | 17.25                                  | (14.78 - 20.04)            |

NOTE: For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

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

NOTE: Mental Illness is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder, assessed by the Mental Health Surveillance Study (MHSS) *Structured Clinical Interview for the Diagnostic and Statistical Manual of Mental Disorders—Fourth Edition—Research Version—Axis I Disorders* (MHSS-SCID), which is based on the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV). Three categories of mental illness severity are defined based on the level of functional impairment: mild mental illness, moderate mental illness, and serious mental illness. Any mental illness includes individuals in any of the three categories. For details, see Section B of the "2011-2012 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

**Table 24.11** *Had Serious Thoughts of Suicide in the Past Year and Major Depressive Episode in the Past Year in Minnesota among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs*

| State/Substate Region | Had Serious Thoughts of Suicide in the Past Year <sup>1</sup> |                         | Major Depressive Episode in the Past Year <sup>2</sup> |                         |
|-----------------------|---------------------------------------------------------------|-------------------------|--------------------------------------------------------|-------------------------|
|                       | Estimate                                                      | 95% Confidence Interval | Estimate                                               | 95% Confidence Interval |
| <b>Minnesota</b>      | 3.99                                                          | (3.35 - 4.76)           | 6.95                                                   | (5.94 - 8.12)           |
| Regions 1 and 2       | 4.32                                                          | (3.22 - 5.76)           | 6.91                                                   | (5.42 - 8.78)           |
| Regions 3 and 4       | 4.01                                                          | (3.04 - 5.28)           | 7.20                                                   | (5.70 - 9.06)           |
| Regions 5 and 6       | 4.33                                                          | (3.24 - 5.76)           | 7.24                                                   | (5.70 - 9.14)           |
| Region 7A (Hennepin)  | 3.85                                                          | (2.92 - 5.06)           | 6.86                                                   | (5.43 - 8.62)           |
| Region 7B (Ramsey)    | 4.20                                                          | (3.17 - 5.54)           | 6.87                                                   | (5.38 - 8.75)           |
| Region 7C             | 3.60                                                          | (2.75 - 4.71)           | 6.66                                                   | (5.31 - 8.33)           |

NOTE: For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

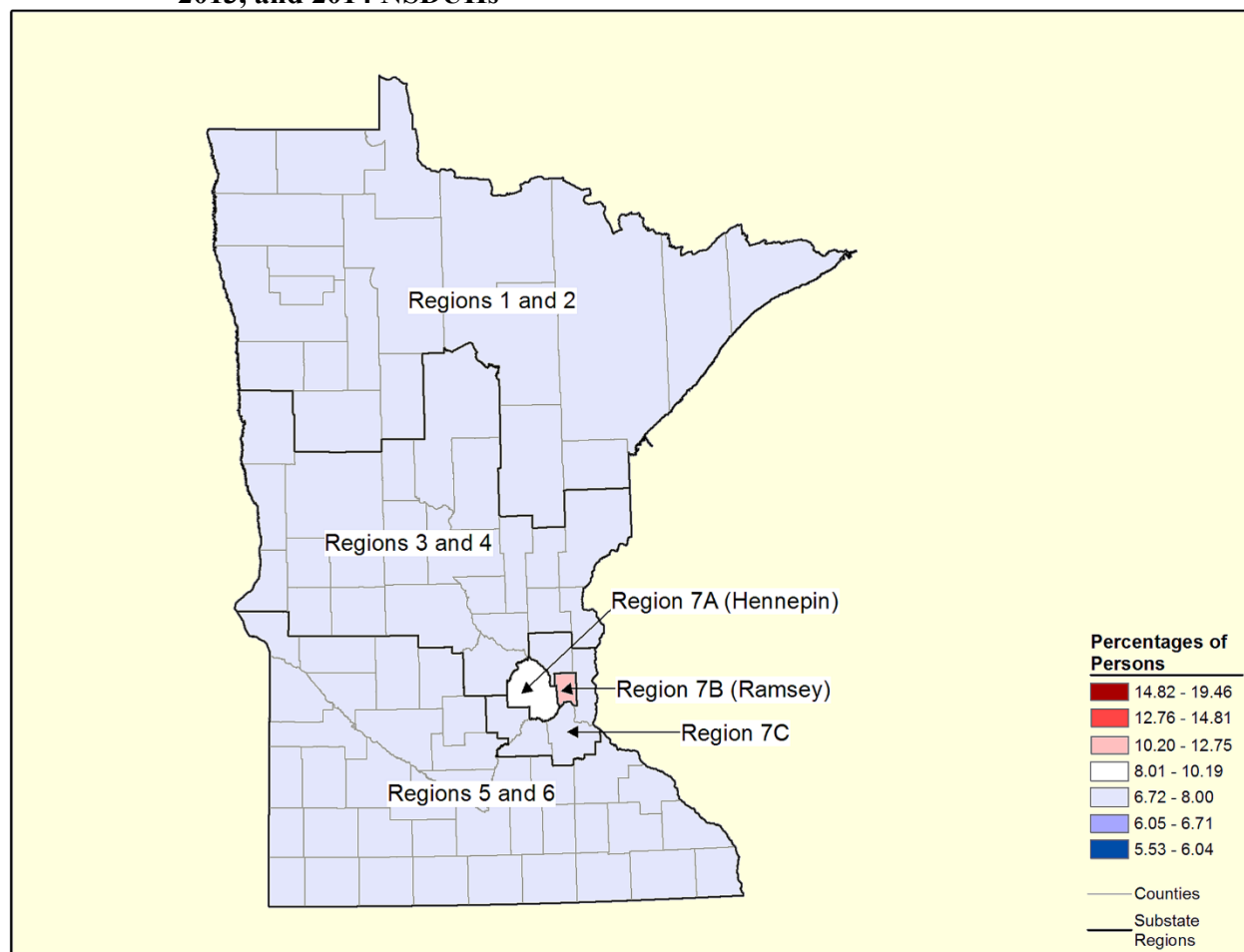
NOTE: Estimates along with the 95 percent Bayesian confidence (credible) intervals are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques.

<sup>1</sup> Respondents were asked, "At any time in the past 12 months, did you seriously think about trying to kill yourself?" If they answered "Yes," they were categorized as having serious thoughts of suicide in the past year.

<sup>2</sup> 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 an individual experienced a depressed mood or loss of interest or pleasure in daily activities and had a majority of specified depression symptoms. For details, see Section B in the "2011-2012 National Survey on Drug Use and Health: Guide to State Tables and Summary of Small Area Estimation Methodology" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

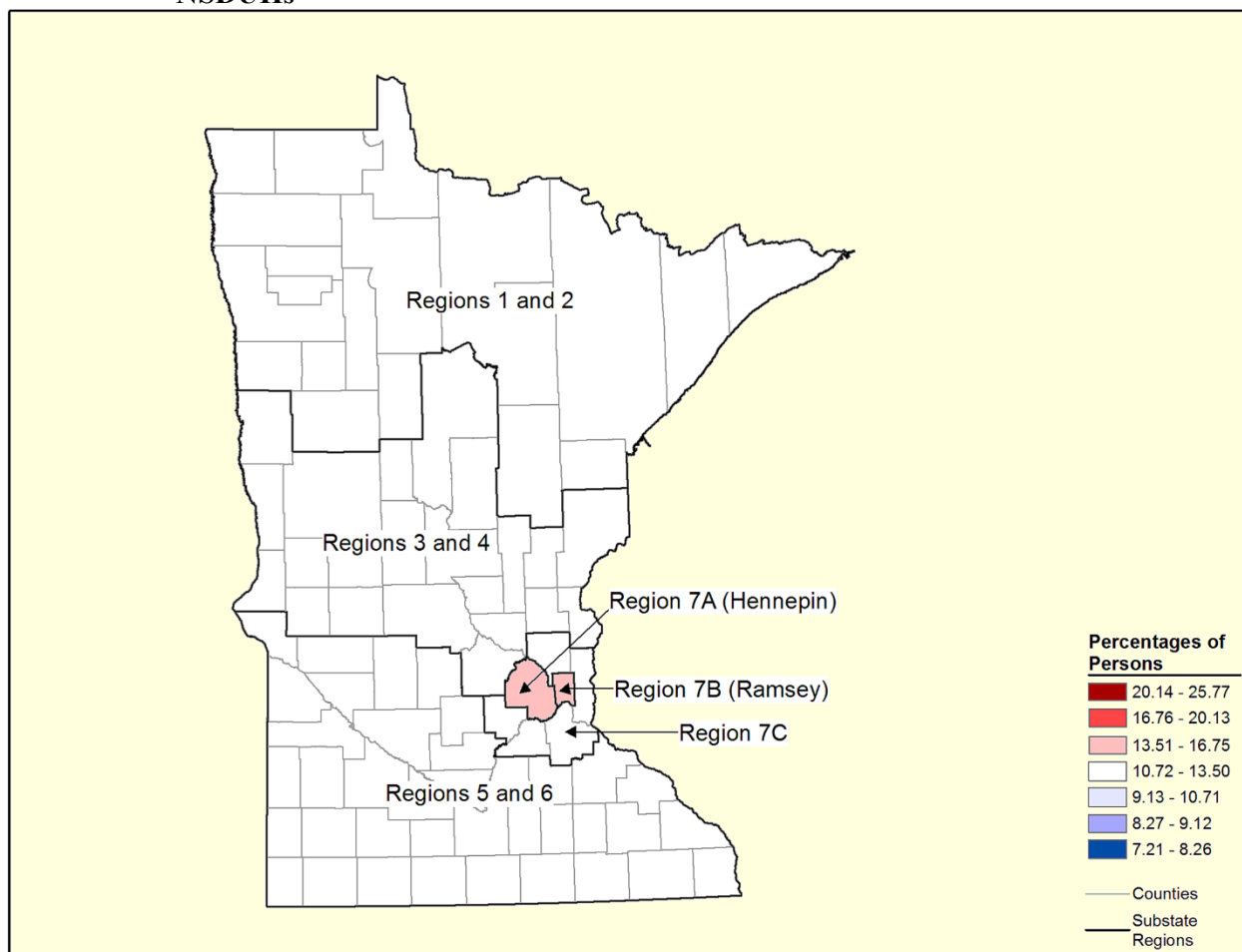
**Figure 24.1 *Illicit Drug Use in the Past Month* among Individuals Aged 12 or Older in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs**



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

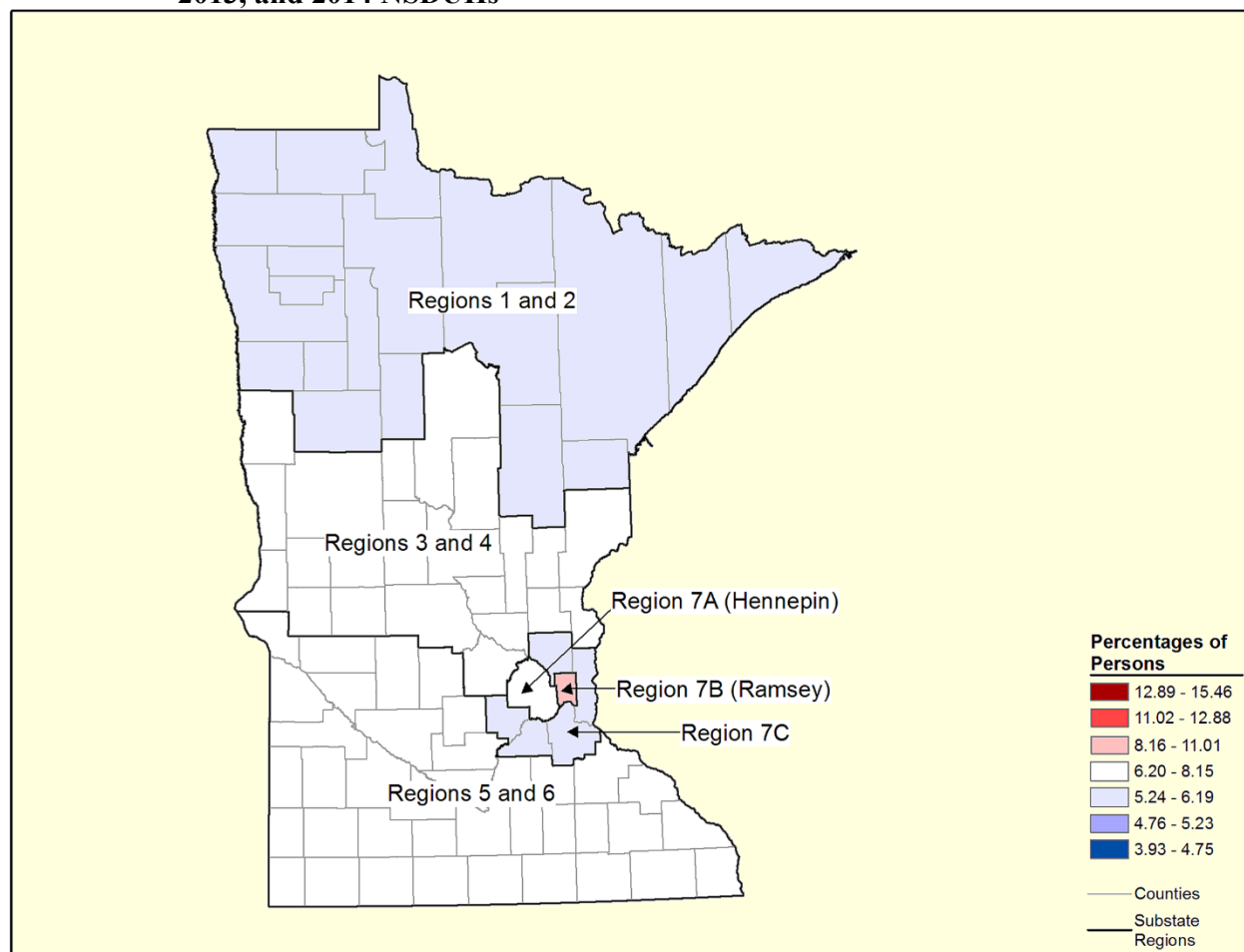
**Figure 24.2 *Marijuana Use in the Past Year* among Individuals Aged 12 or Older in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs**



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

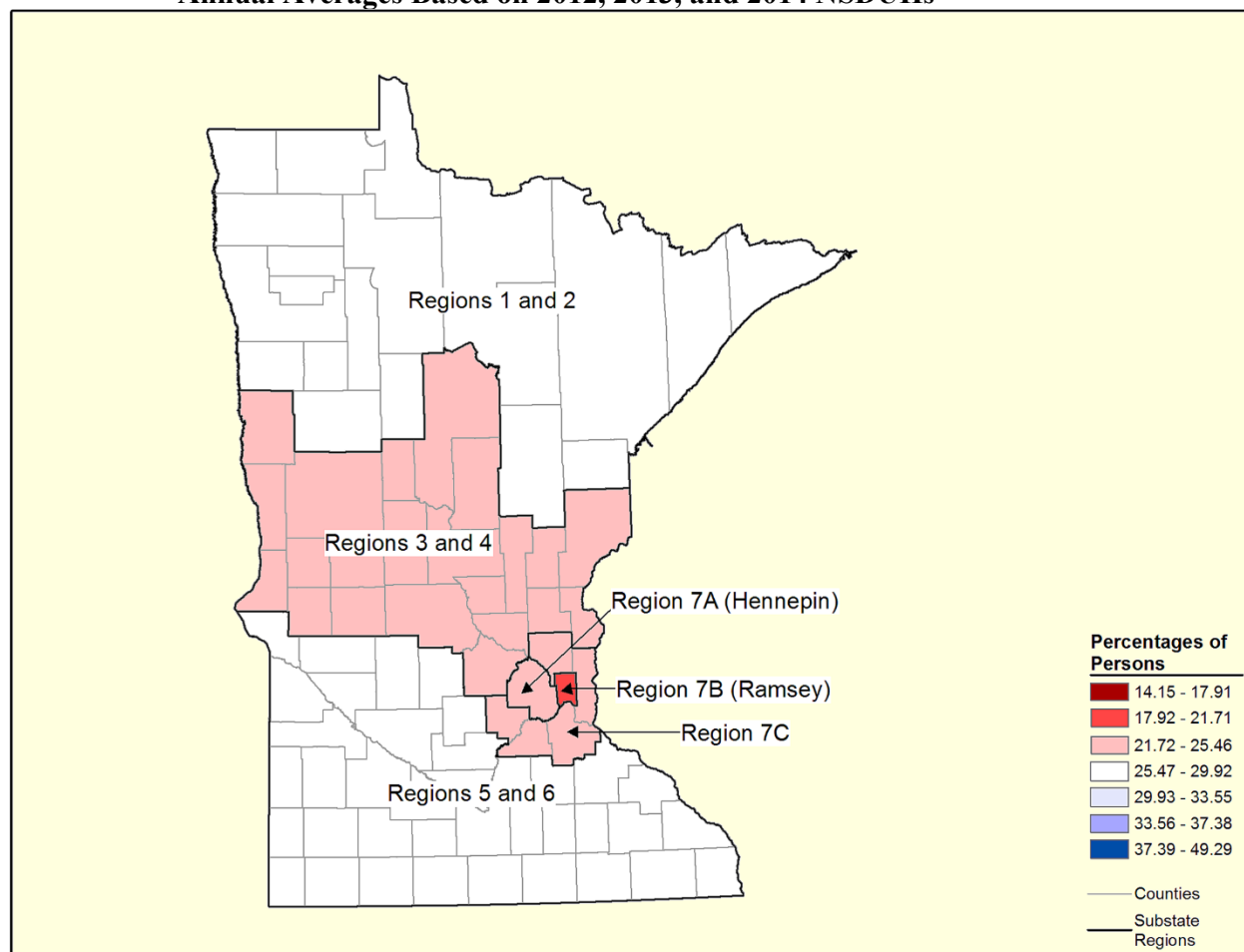
**Figure 24.3 *Marijuana Use in the Past Month* among Individuals Aged 12 or Older in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs**



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

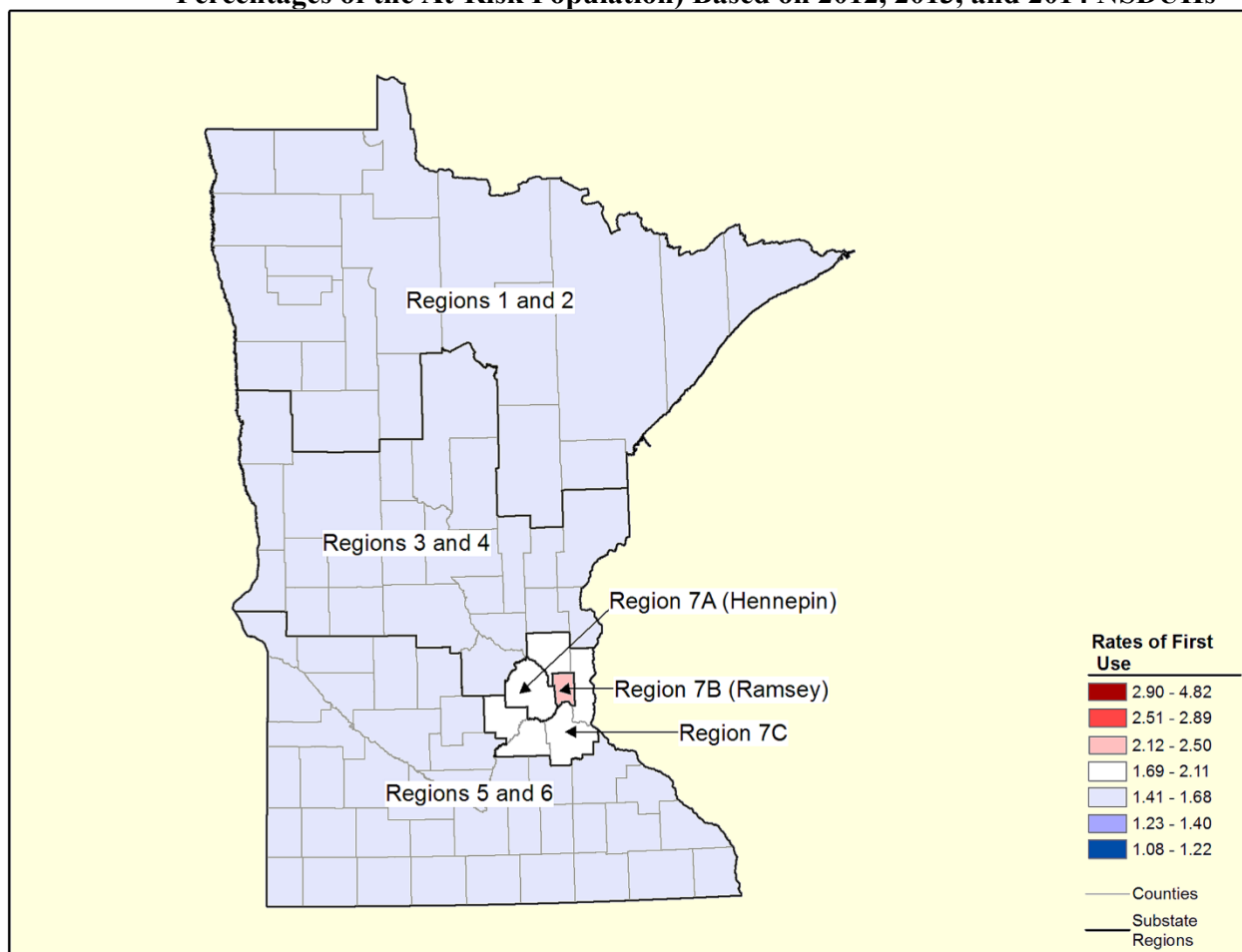
**Figure 24.4** *Perceptions of Great Risk from Smoking Marijuana Once a Month among Individuals Aged 12 or Older in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs*



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

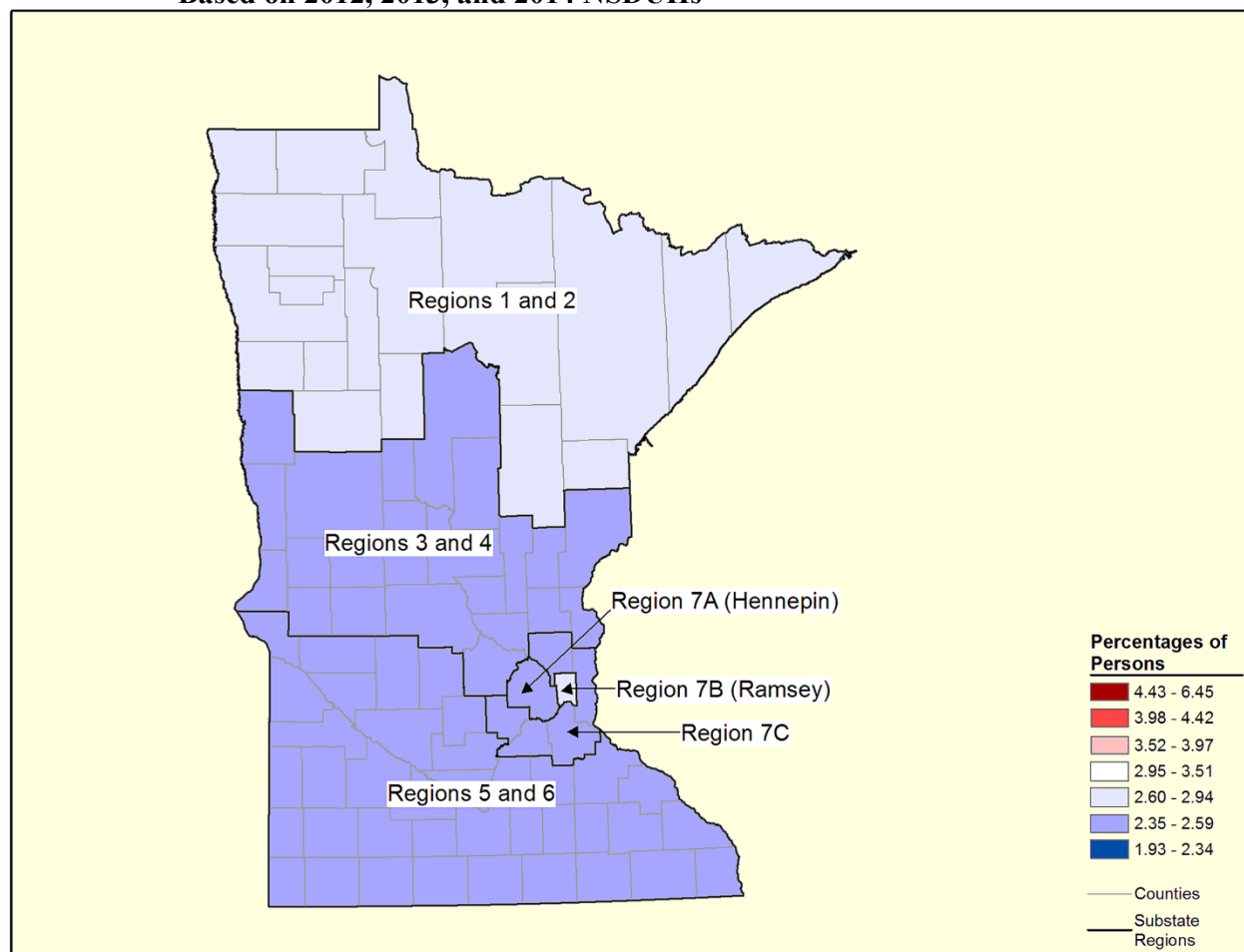
**Figure 24.5 *First Use of Marijuana* among Individuals Aged 12 or Older in Minnesota, by Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2012, 2013, and 2014 NSDUHs**



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

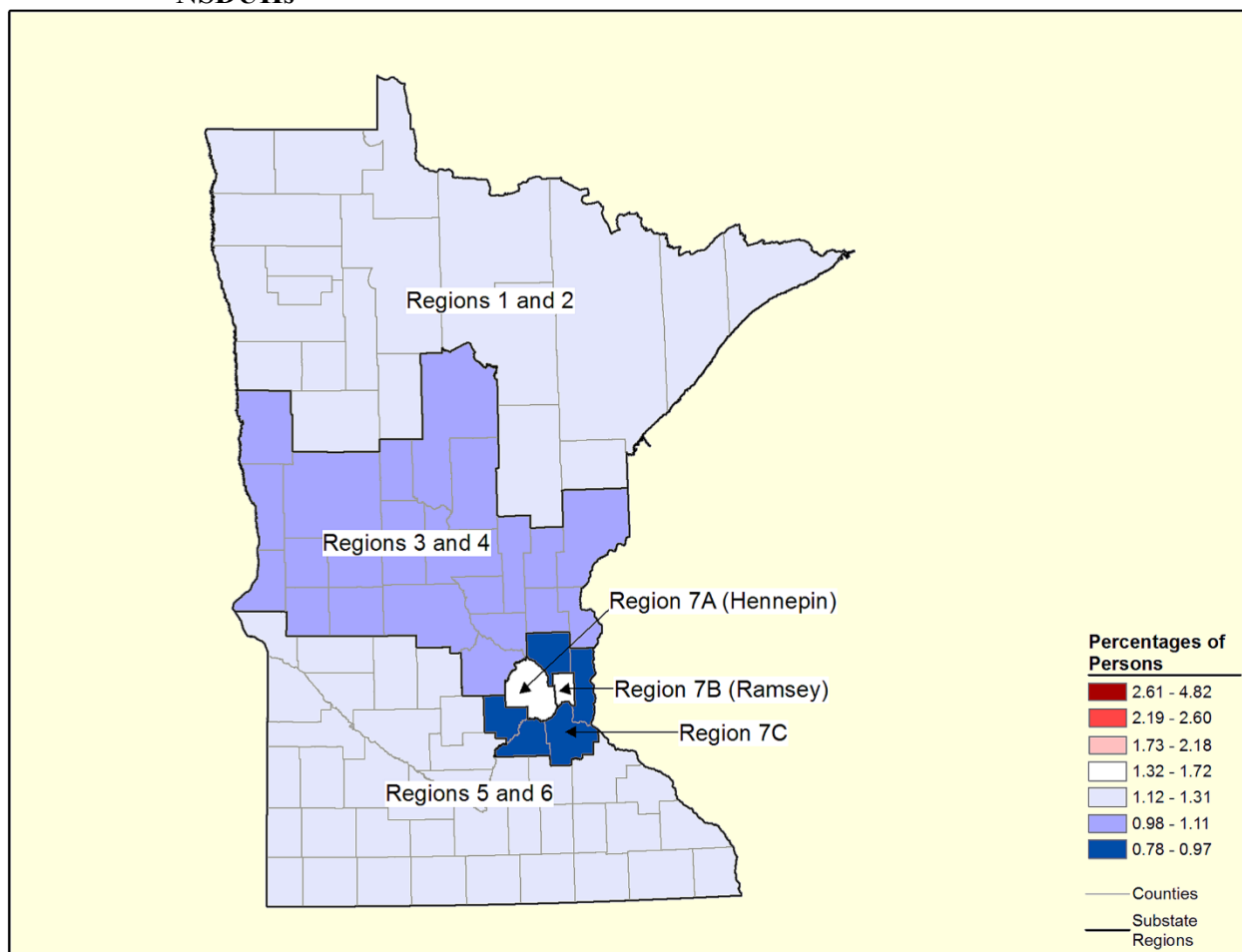
**Figure 24.6 *Illicit Drug Use Other Than Marijuana in the Past Month* among Individuals Aged 12 or Older in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs**



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

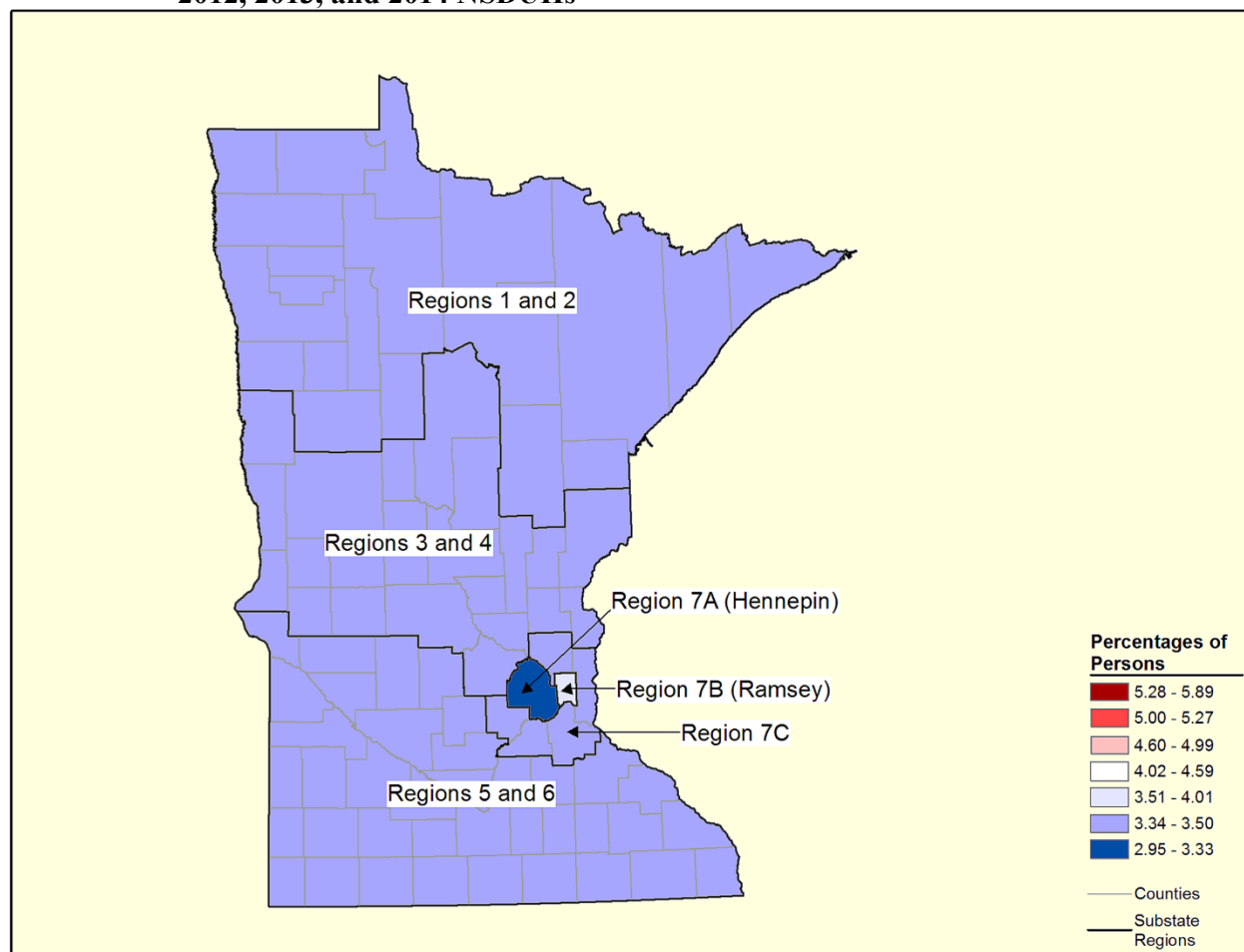
**Figure 24.7 Cocaine Use in the Past Year among Individuals Aged 12 or Older in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs**



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

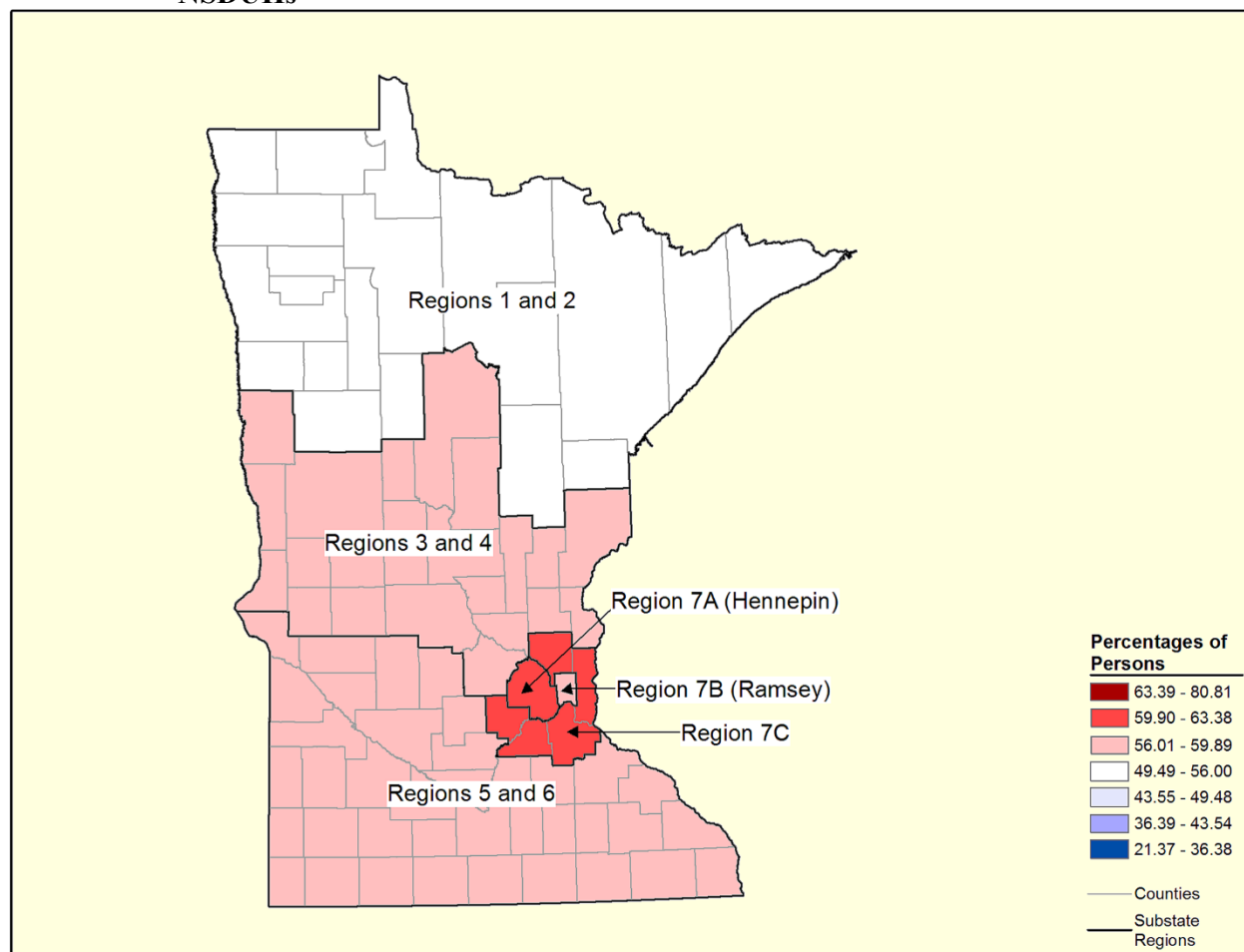
**Figure 24.8** *Nonmedical Use of Pain Relievers in the Past Year among Individuals Aged 12 or Older in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs*



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

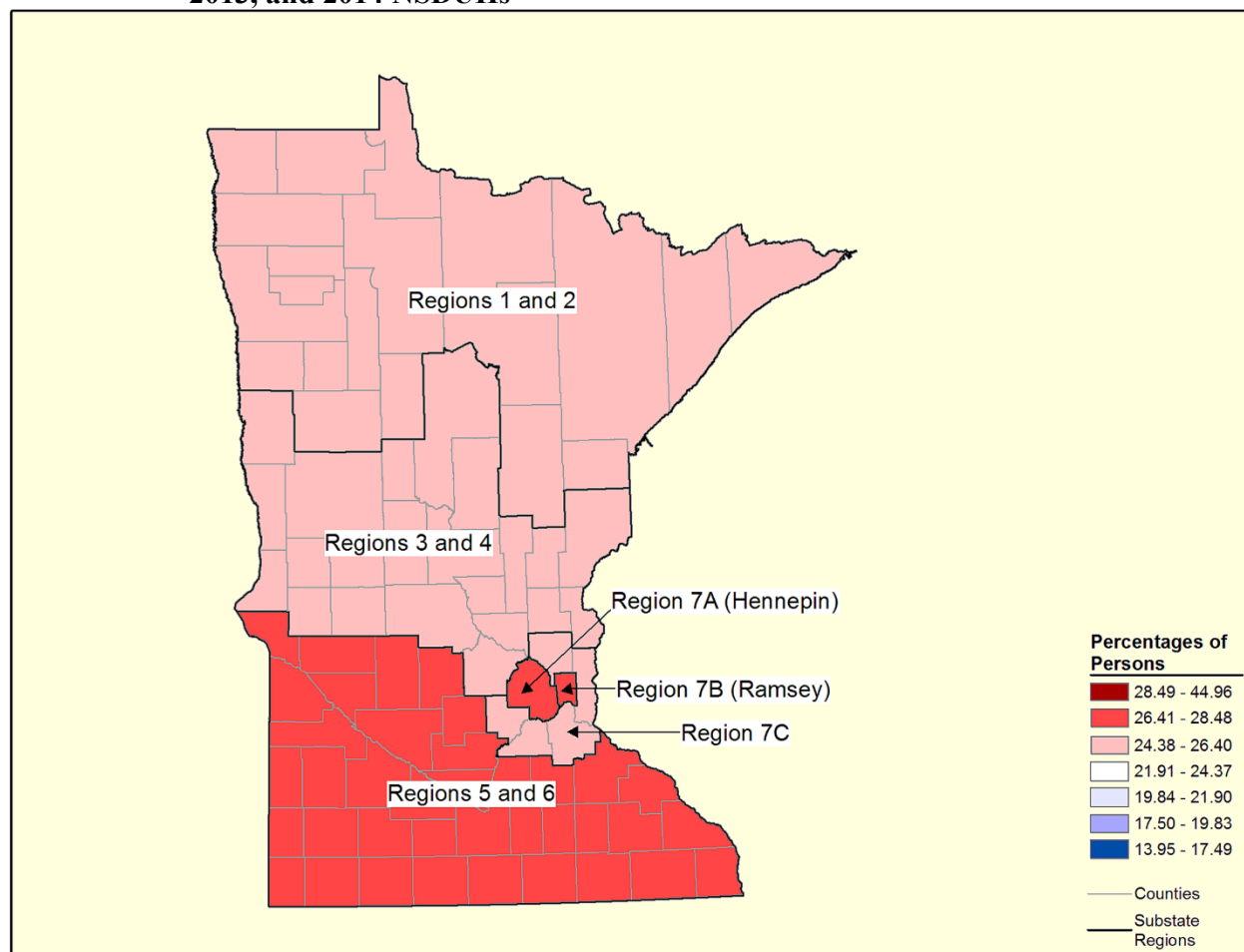
**Figure 24.9** *Alcohol Use in the Past Month* among Individuals Aged 12 or Older in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

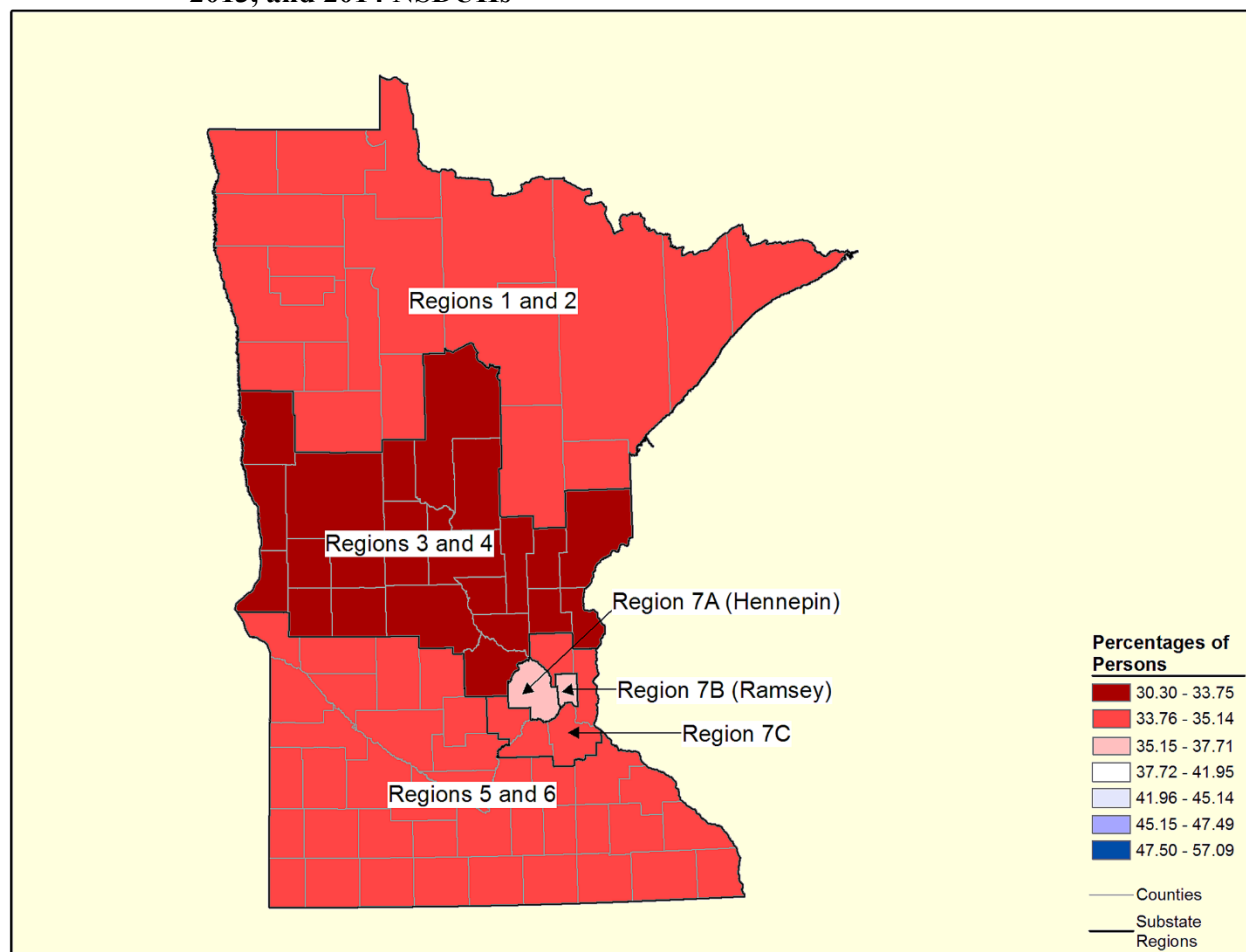
**Figure 24.10** *Binge Alcohol Use in the Past Month* among Individuals Aged 12 or Older in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

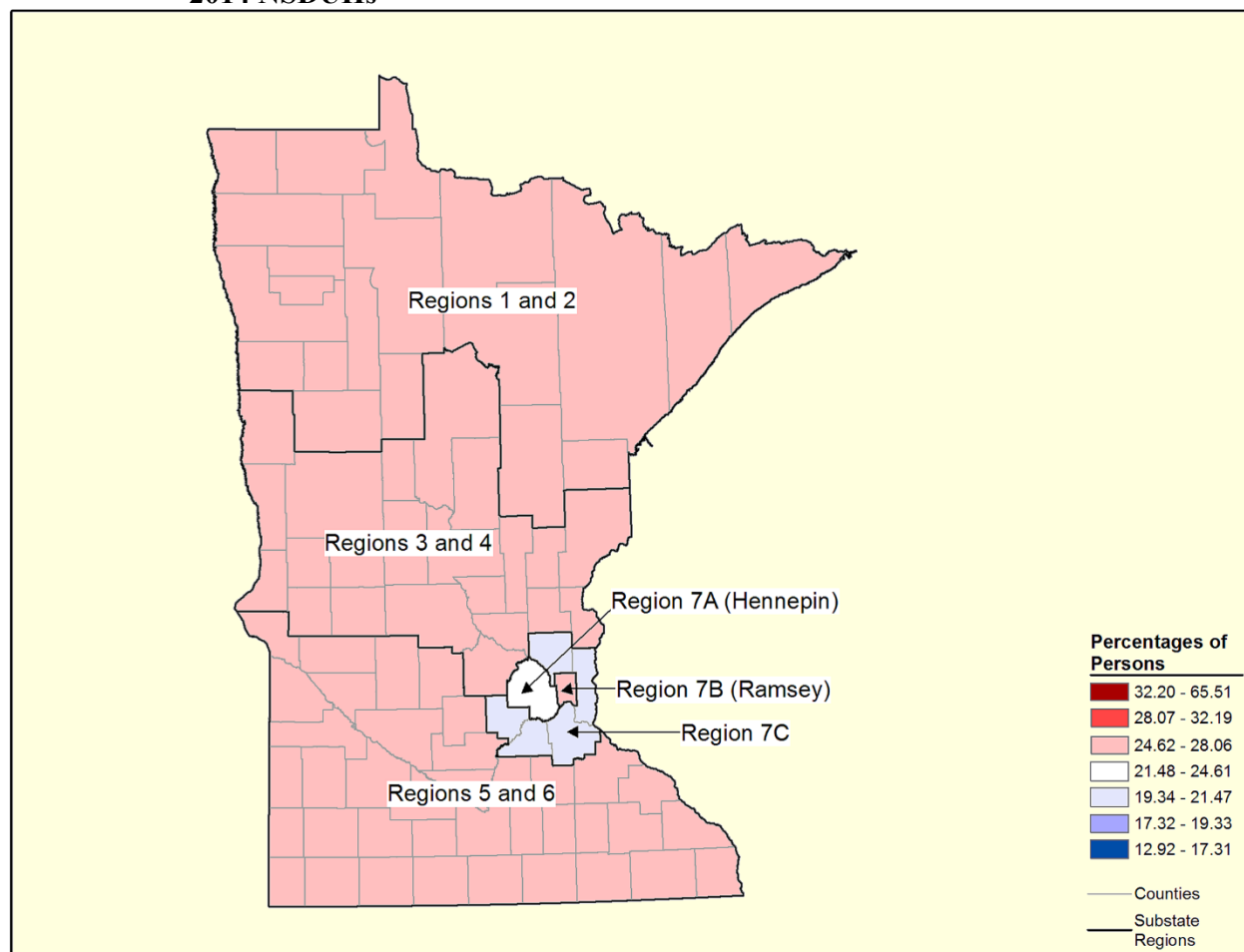
**Figure 24.11** *Perceptions of Great Risk from Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week among Individuals Aged 12 or Older in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs*



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

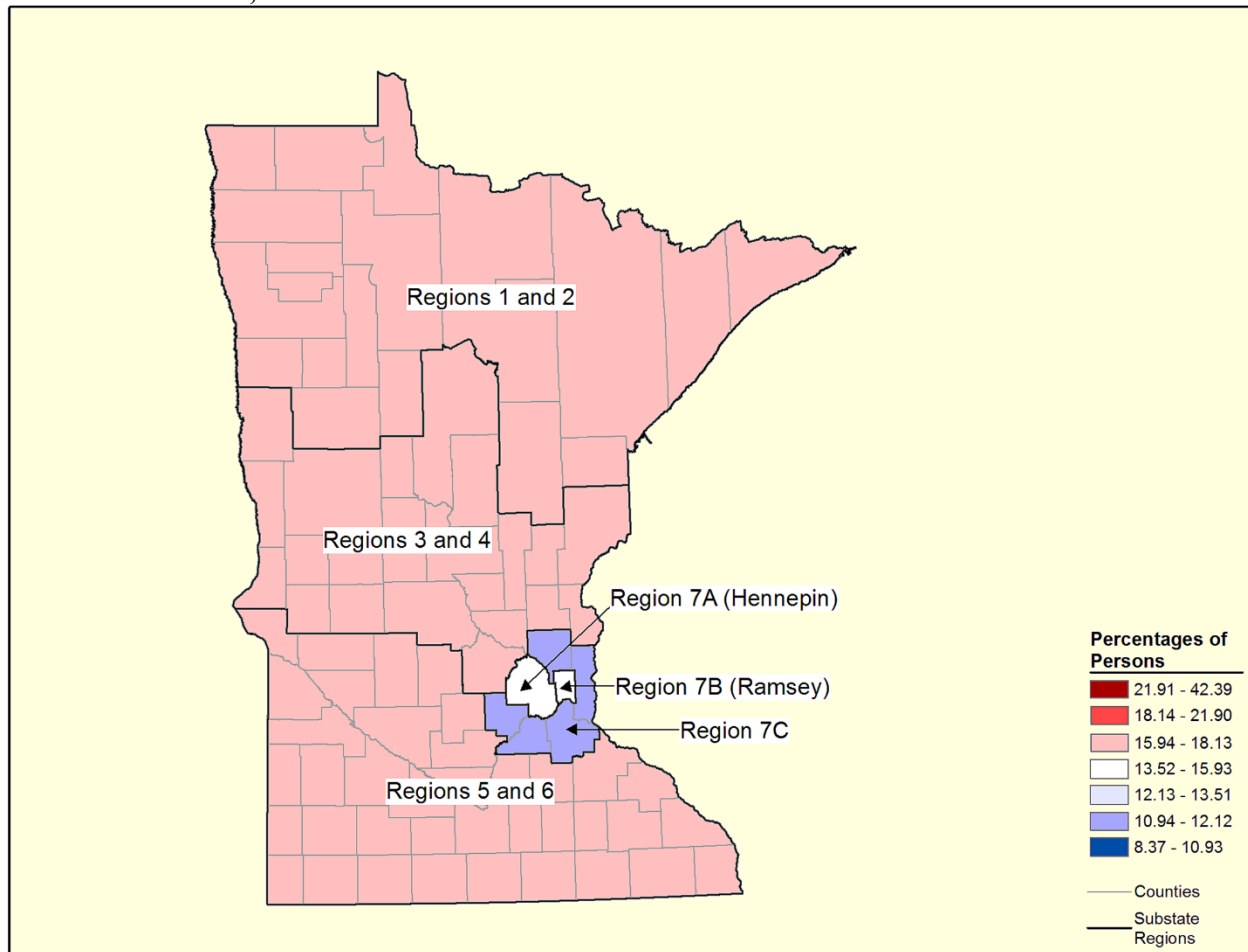
**Figure 24.12** *Alcohol Use in the Past Month among Individuals Aged 12 to 20 in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs*



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

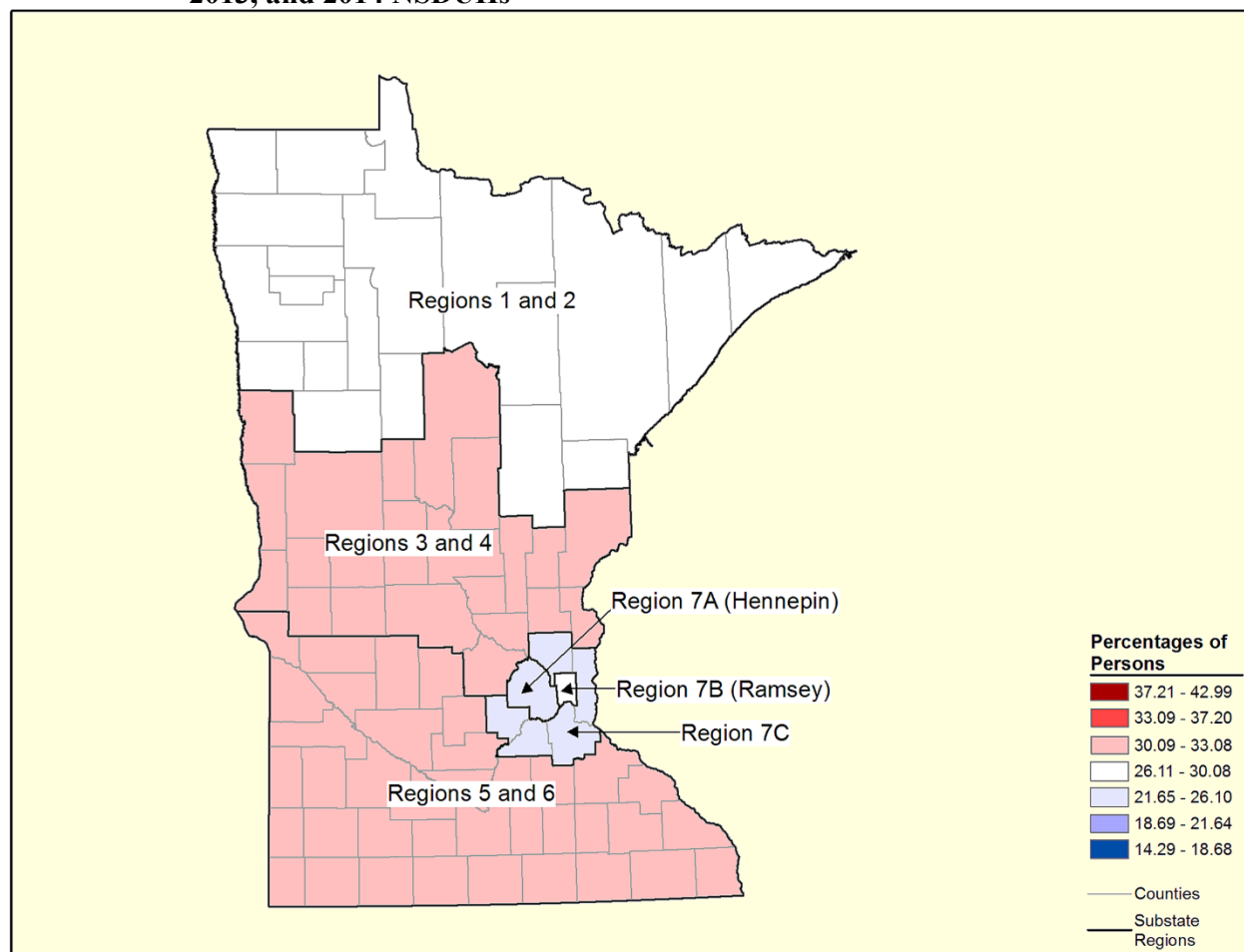
**Figure 24.13** *Binge Alcohol Use in the Past Month among Individuals Aged 12 to 20 in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs*



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

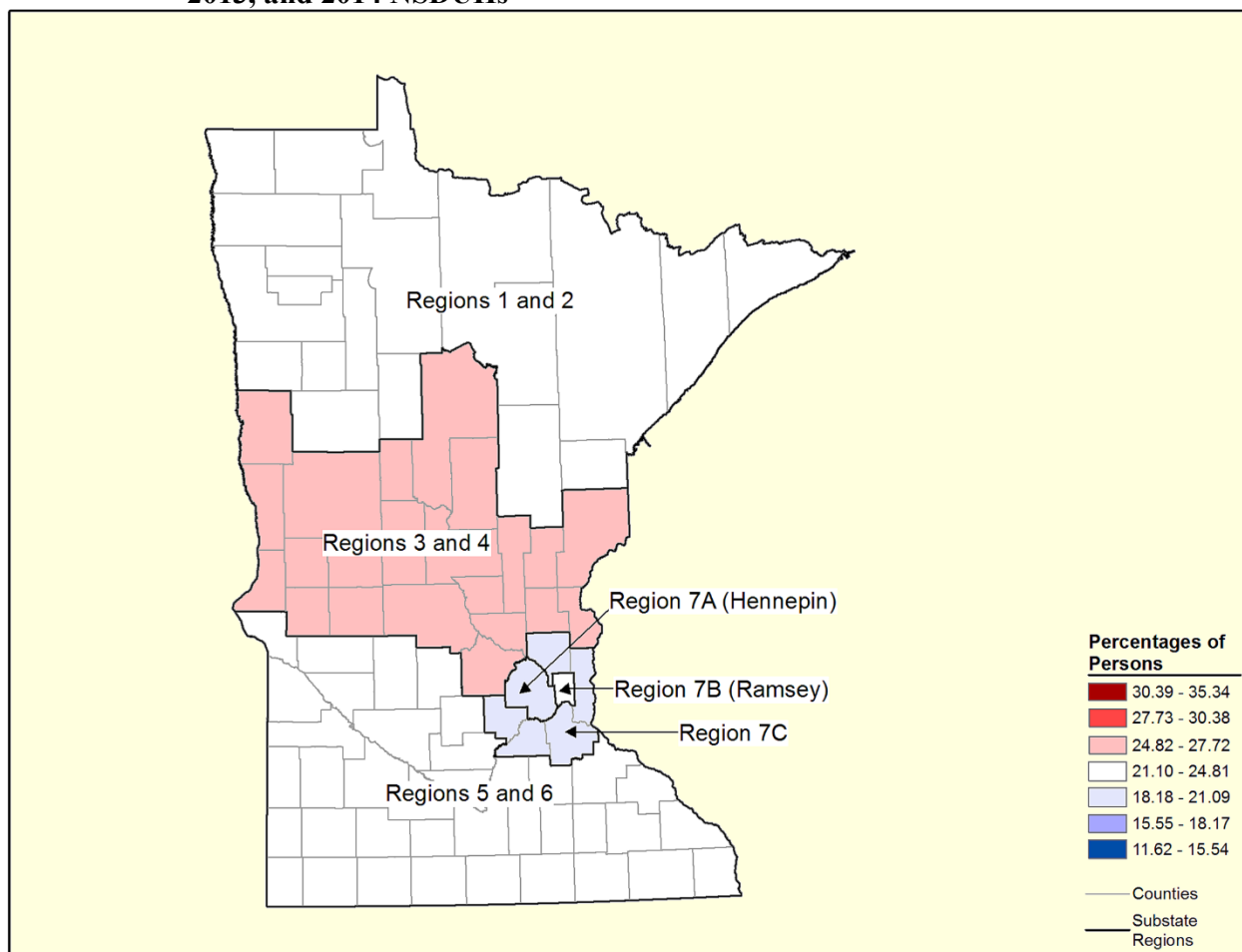
**Figure 24.14 Tobacco Product Use in the Past Month among Individuals Aged 12 or Older in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs**



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

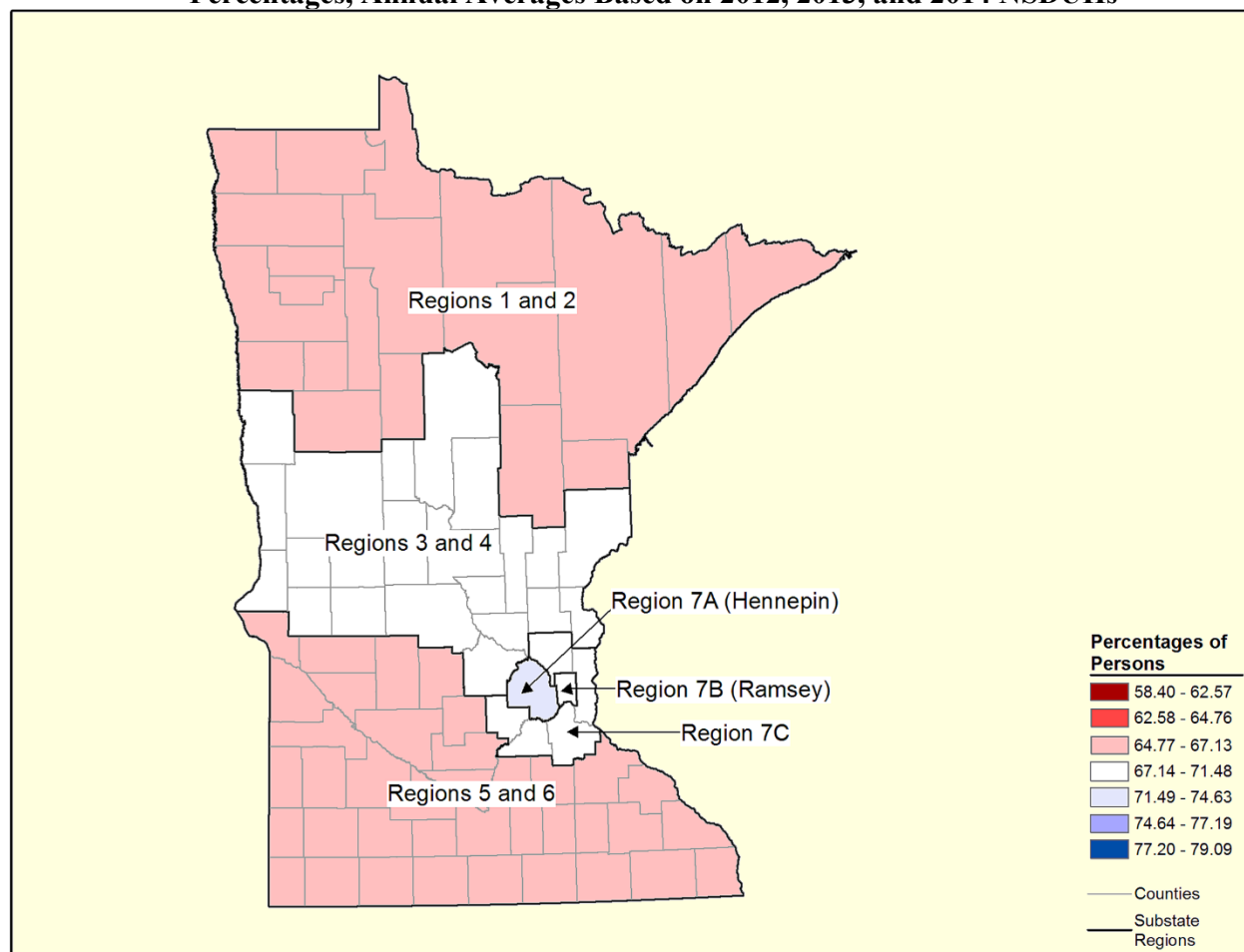
**Figure 24.15** *Cigarette Use in the Past Month* among Individuals Aged 12 or Older in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

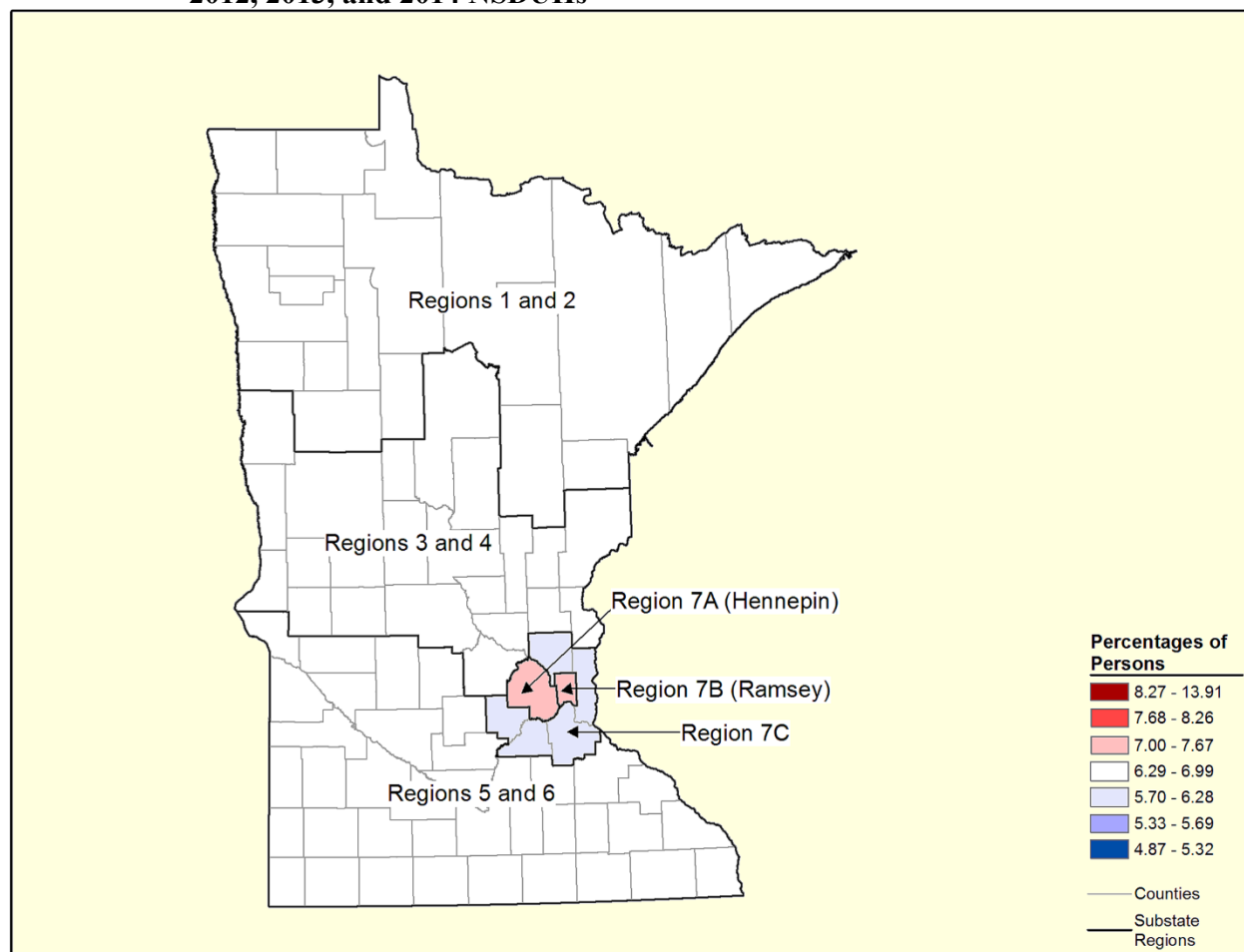
**Figure 24.16** *Perceptions of Great Risk from Smoking One or More Packs of Cigarettes per Day among Individuals Aged 12 or Older in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs*



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

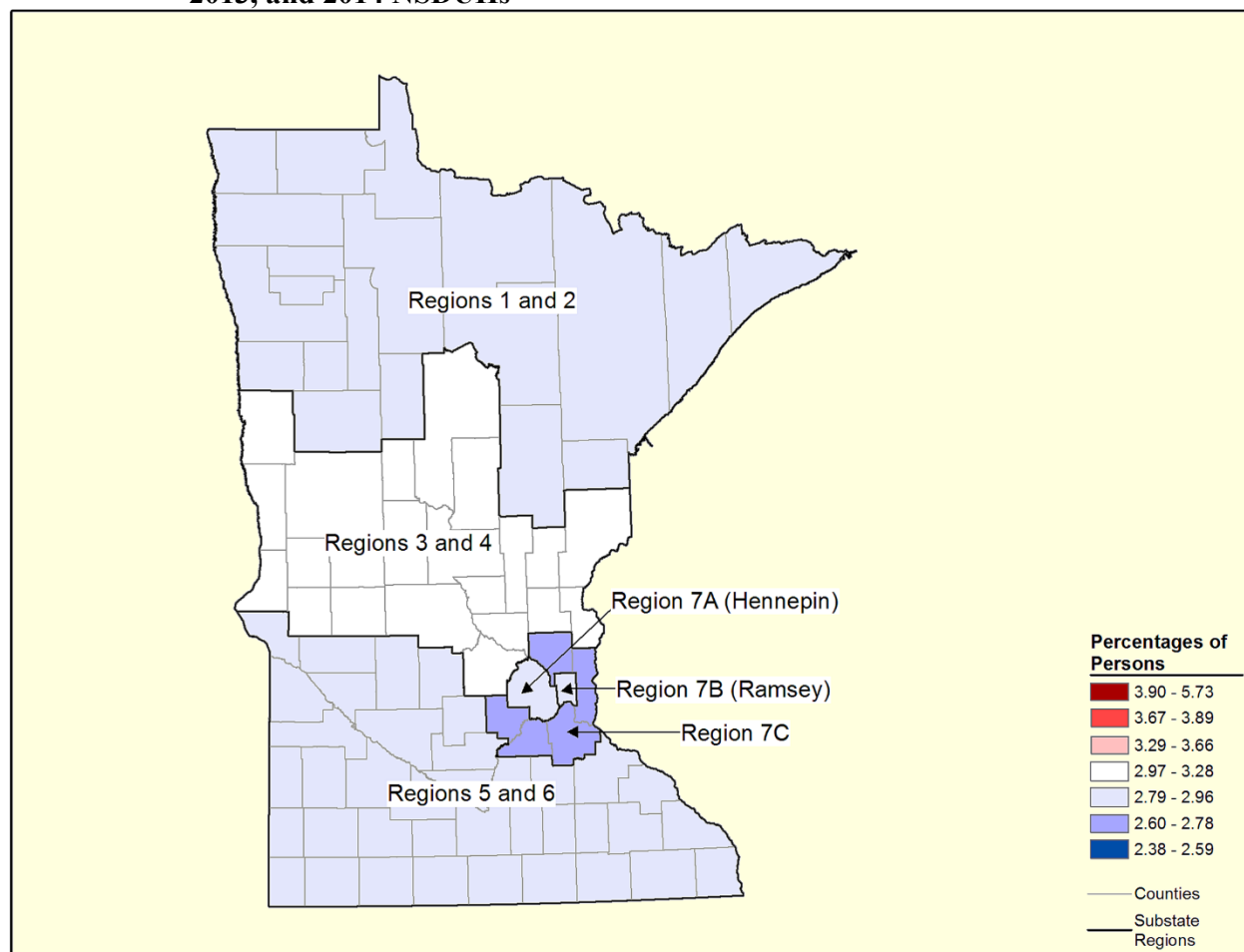
**Figure 24.17 *Alcohol Dependence or Abuse in the Past Year* among Individuals Aged 12 or Older in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs**



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

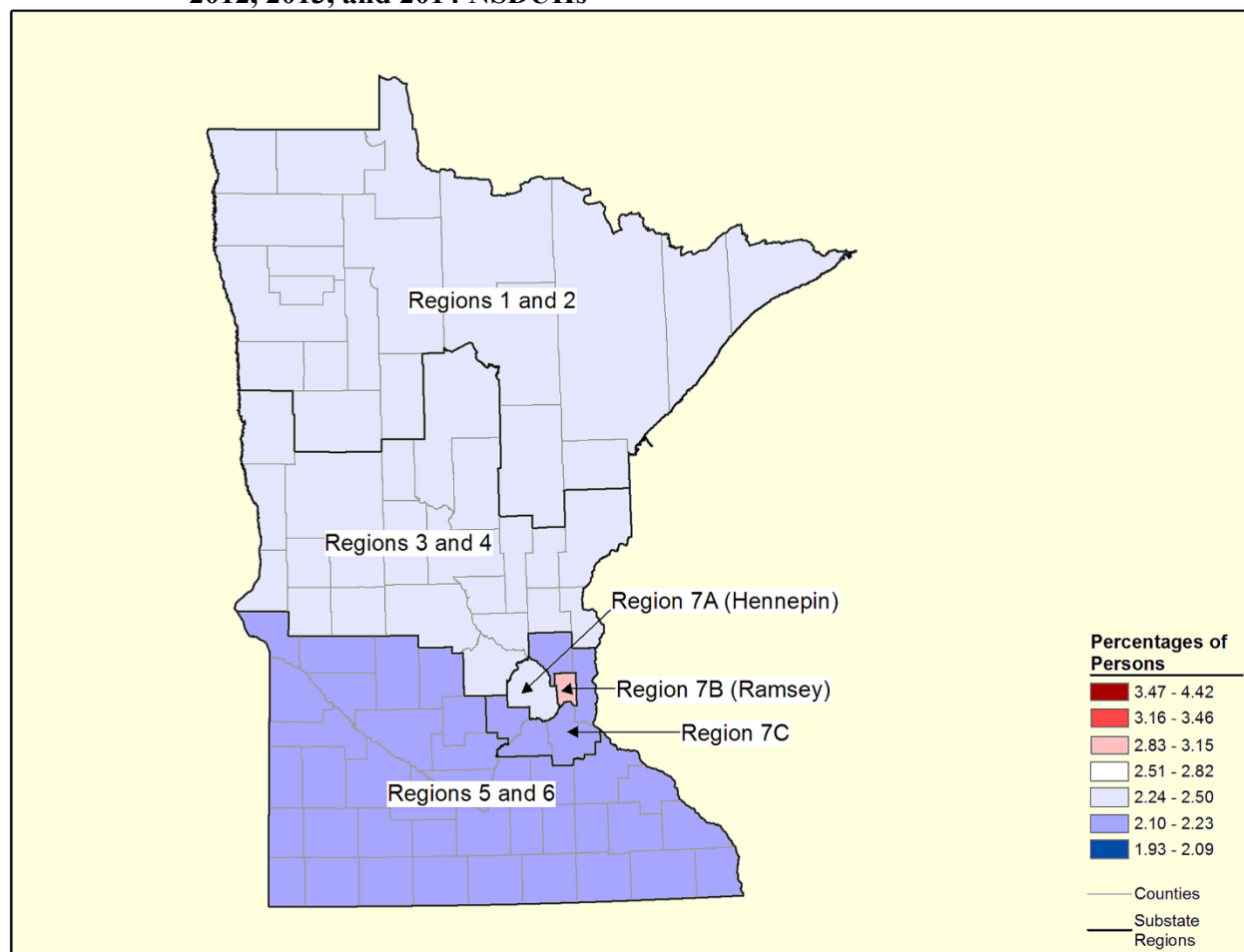
**Figure 24.18 *Alcohol Dependence in the Past Year* among Individuals Aged 12 or Older in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs**



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

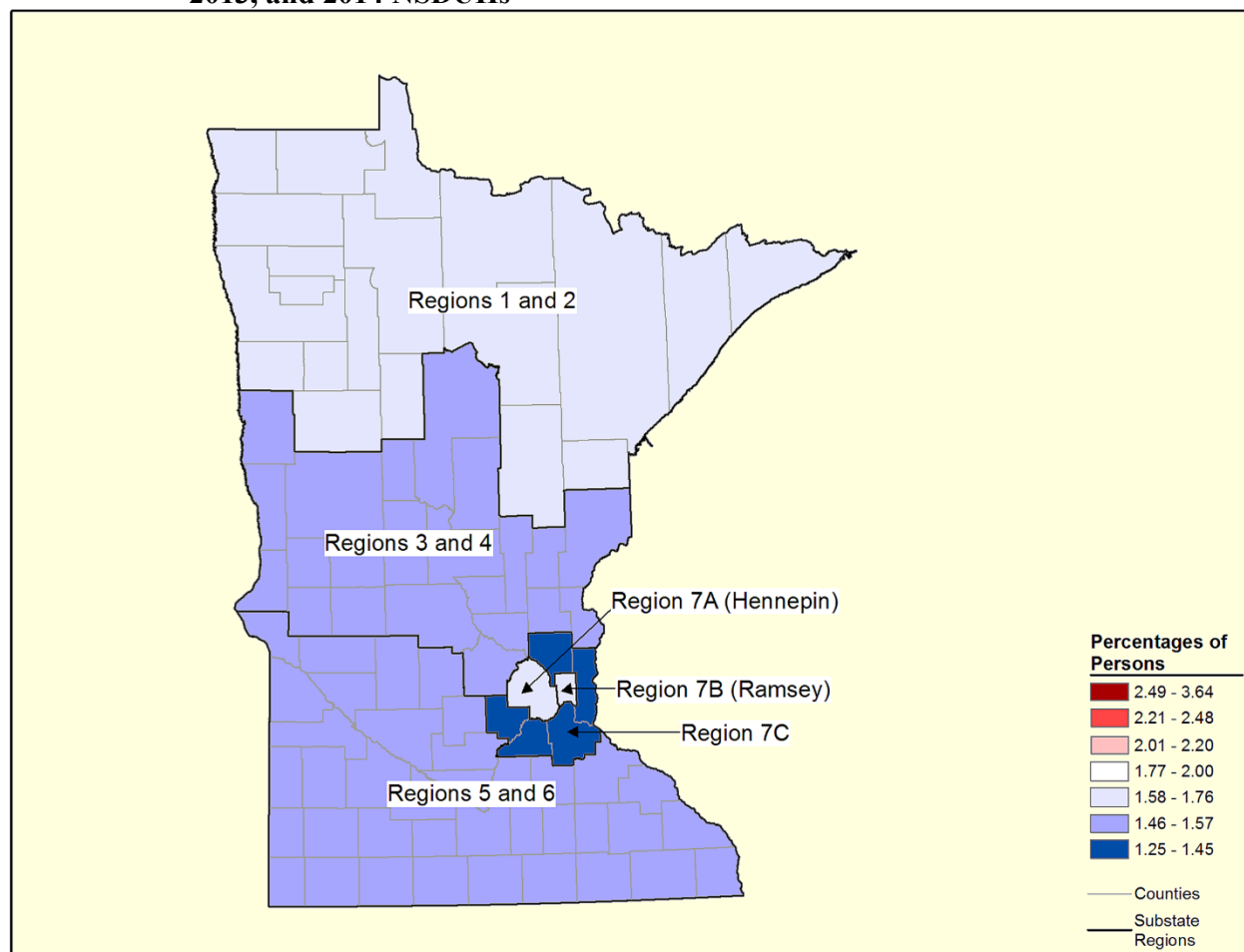
**Figure 24.19 *Illicit Drug Dependence or Abuse in the Past Year* among Individuals Aged 12 or Older in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs**



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

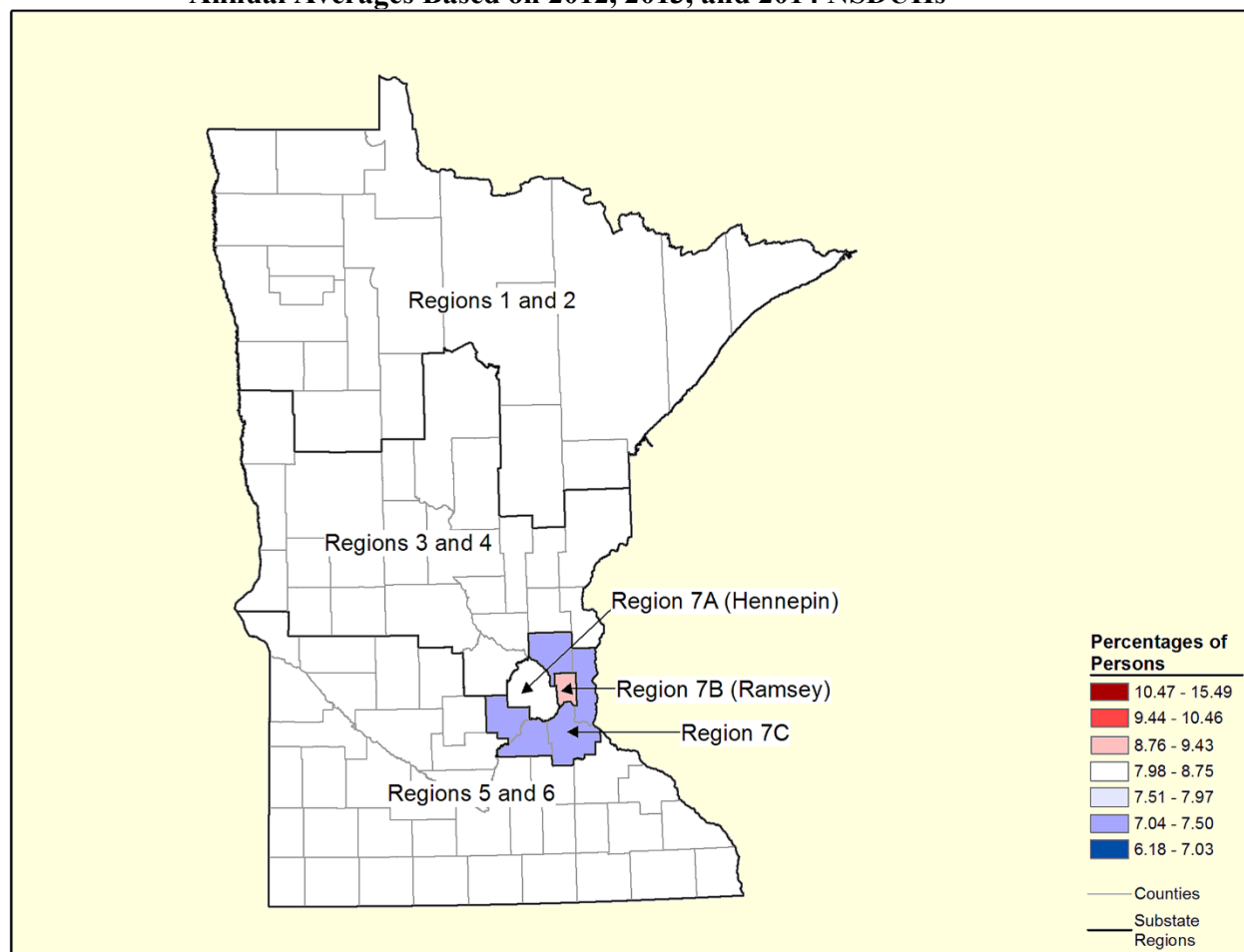
**Figure 24.20 *Illicit Drug Dependence in the Past Year* among Individuals Aged 12 or Older in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs**



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

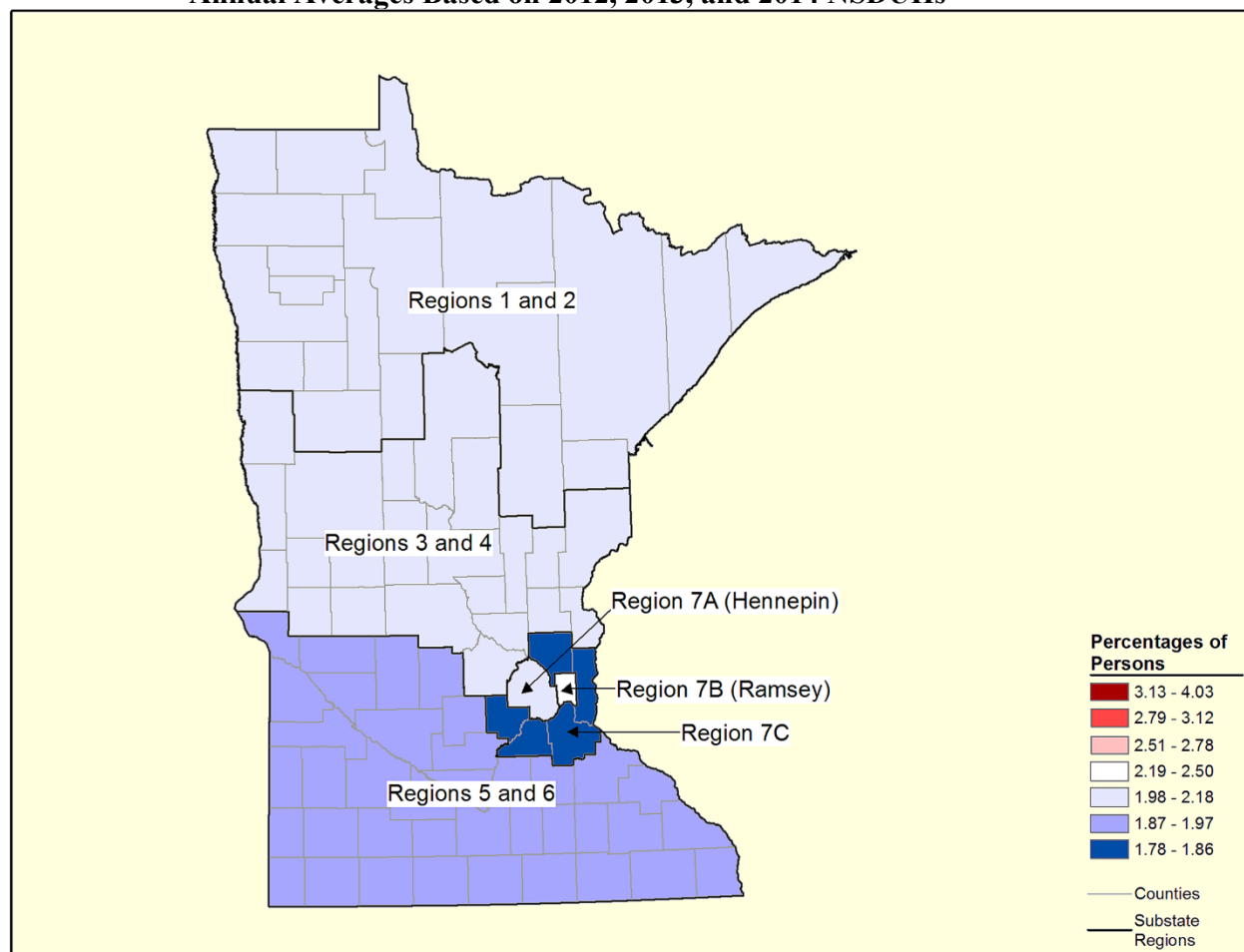
**Figure 24.21** *Dependence or Abuse of Illicit Drugs or Alcohol in the Past Year among Individuals Aged 12 or Older in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs*



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

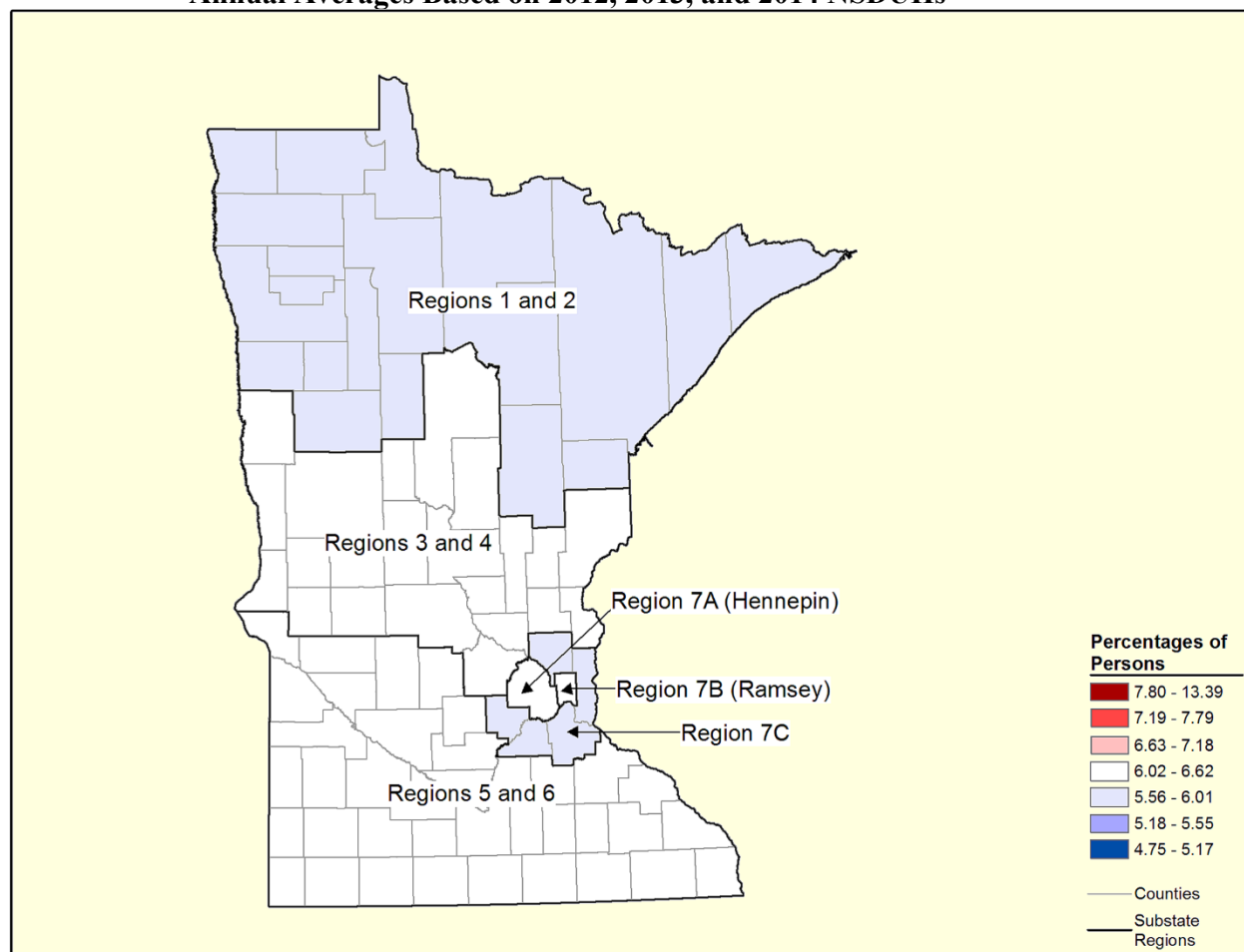
**Figure 24.22 *Needing But Not Receiving Treatment for Illicit Drug Use in the Past Year* among Individuals Aged 12 or Older in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs**



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

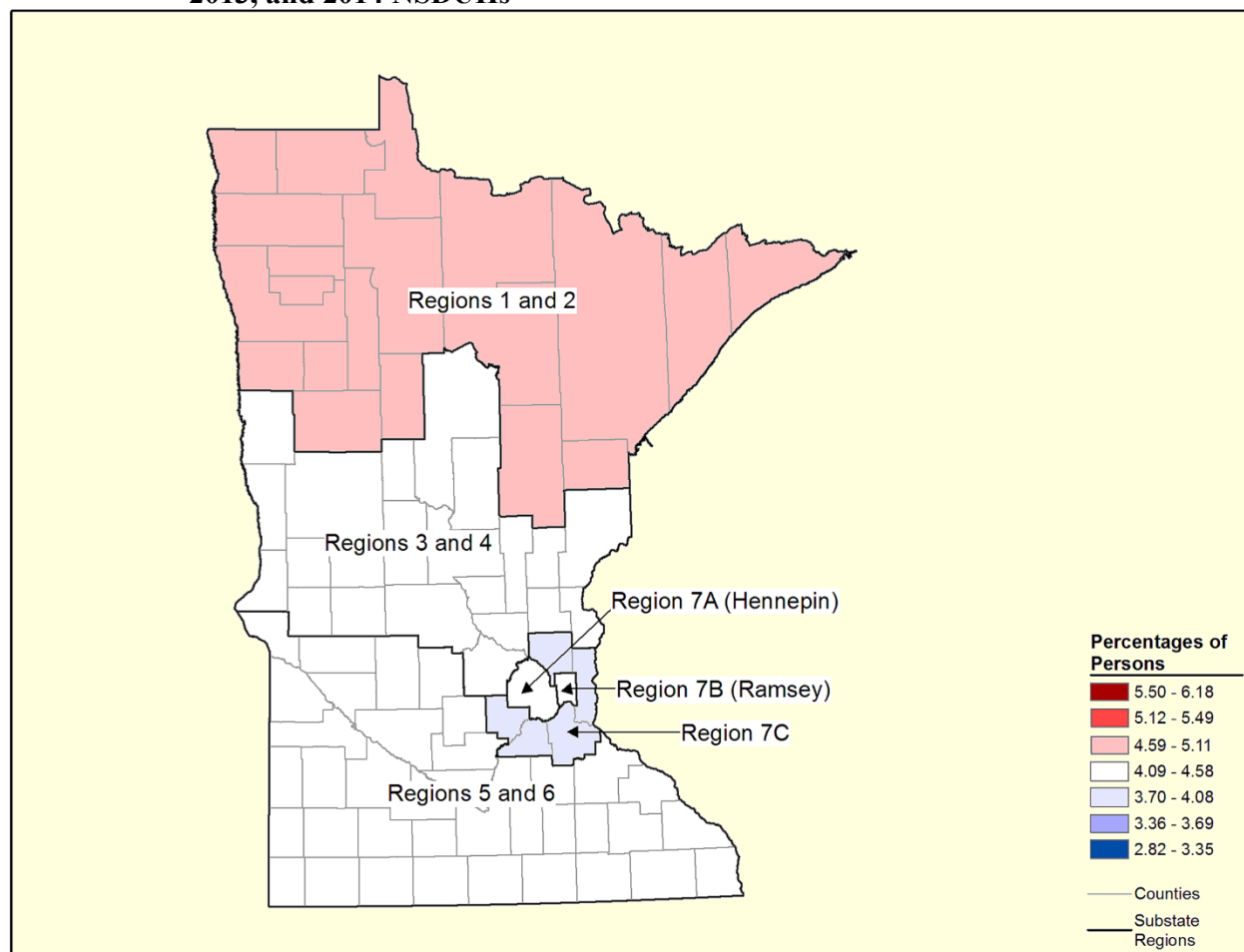
**Figure 24.23** *Needing But Not Receiving Treatment for Alcohol Use in the Past Year among Individuals Aged 12 or Older in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs*



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

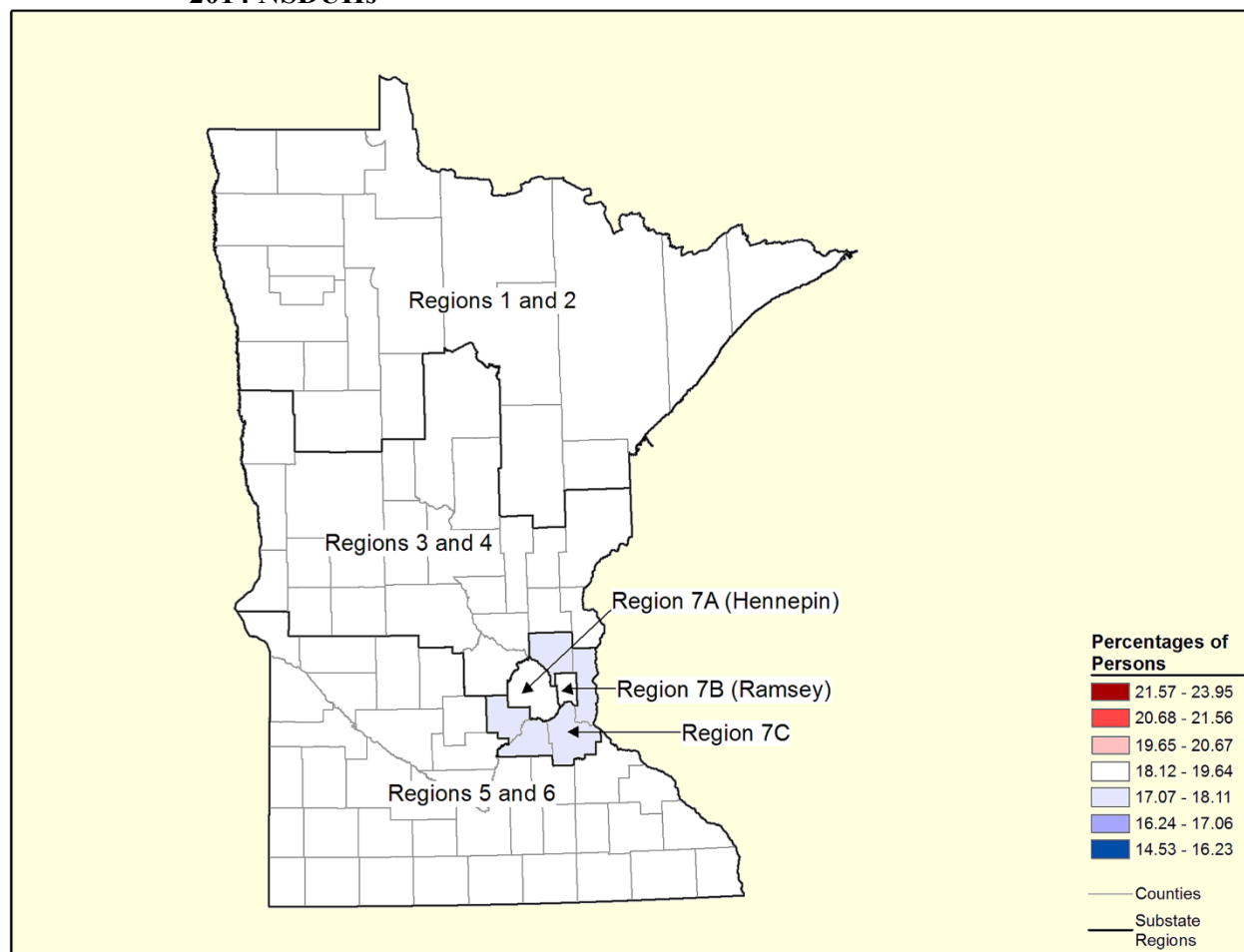
**Figure 24.24 *Serious Mental Illness in the Past Year among Adults Aged 18 or Older in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs***



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

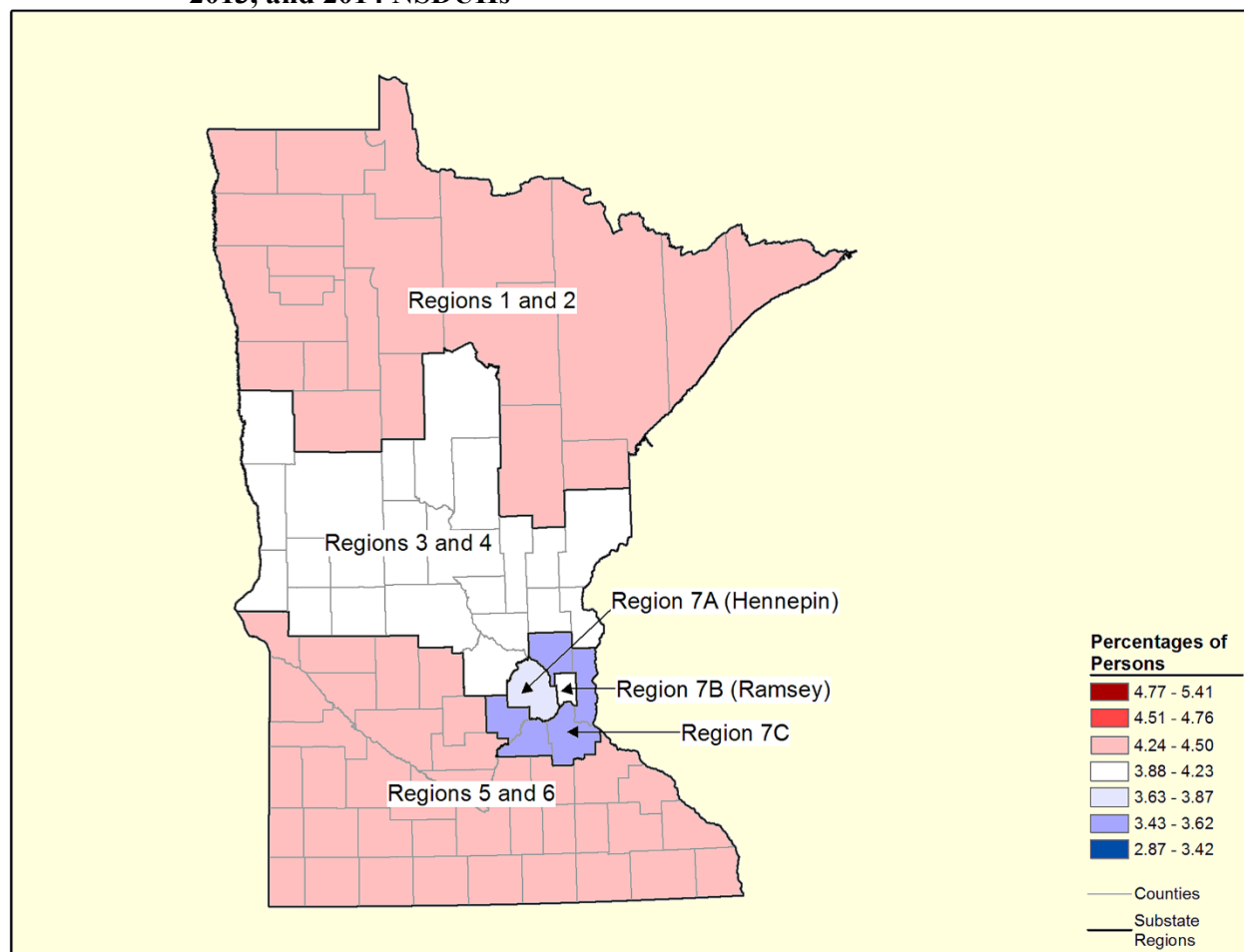
**Figure 24.25** *Any Mental Illness in the Past Year* among Adults Aged 18 or Older in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

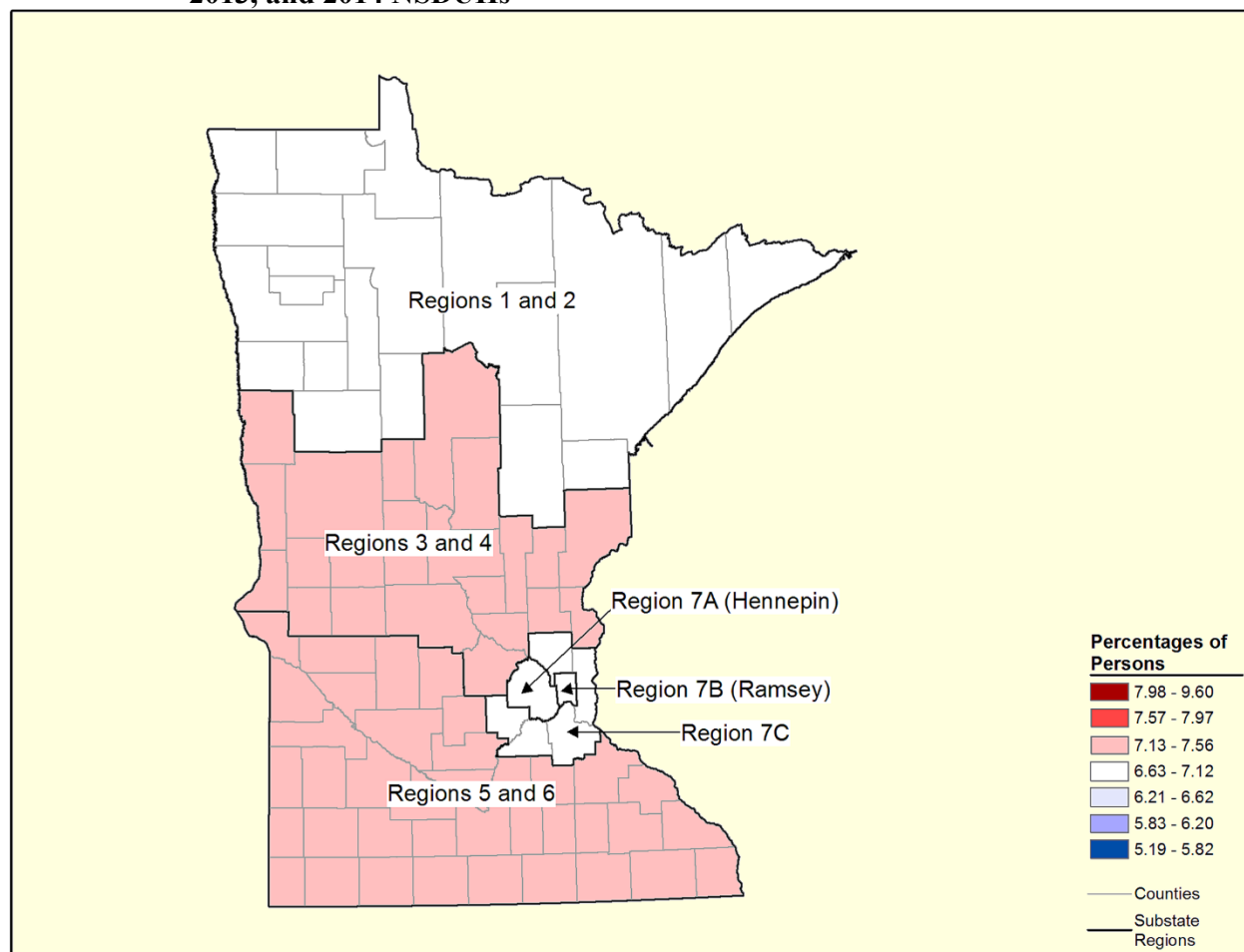
**Figure 24.26** *Had Serious Thoughts of Suicide in the Past Year among Adults Aged 18 or Older in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs*



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.

**Figure 24.27 *Major Depressive Episode in the Past Year* among Adults Aged 18 or Older in Minnesota, by Substate Region: Percentages, Annual Averages Based on 2012, 2013, and 2014 NSDUHs**



NOTE: The legend's ranges were created by dividing 362 substate regions, nationally, into 7 groups based on the magnitude of their percentages. For substate region definitions, see the "2012-2014 National Survey on Drug Use and Health Substate Region Definitions" at <http://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012, 2013, and 2014.