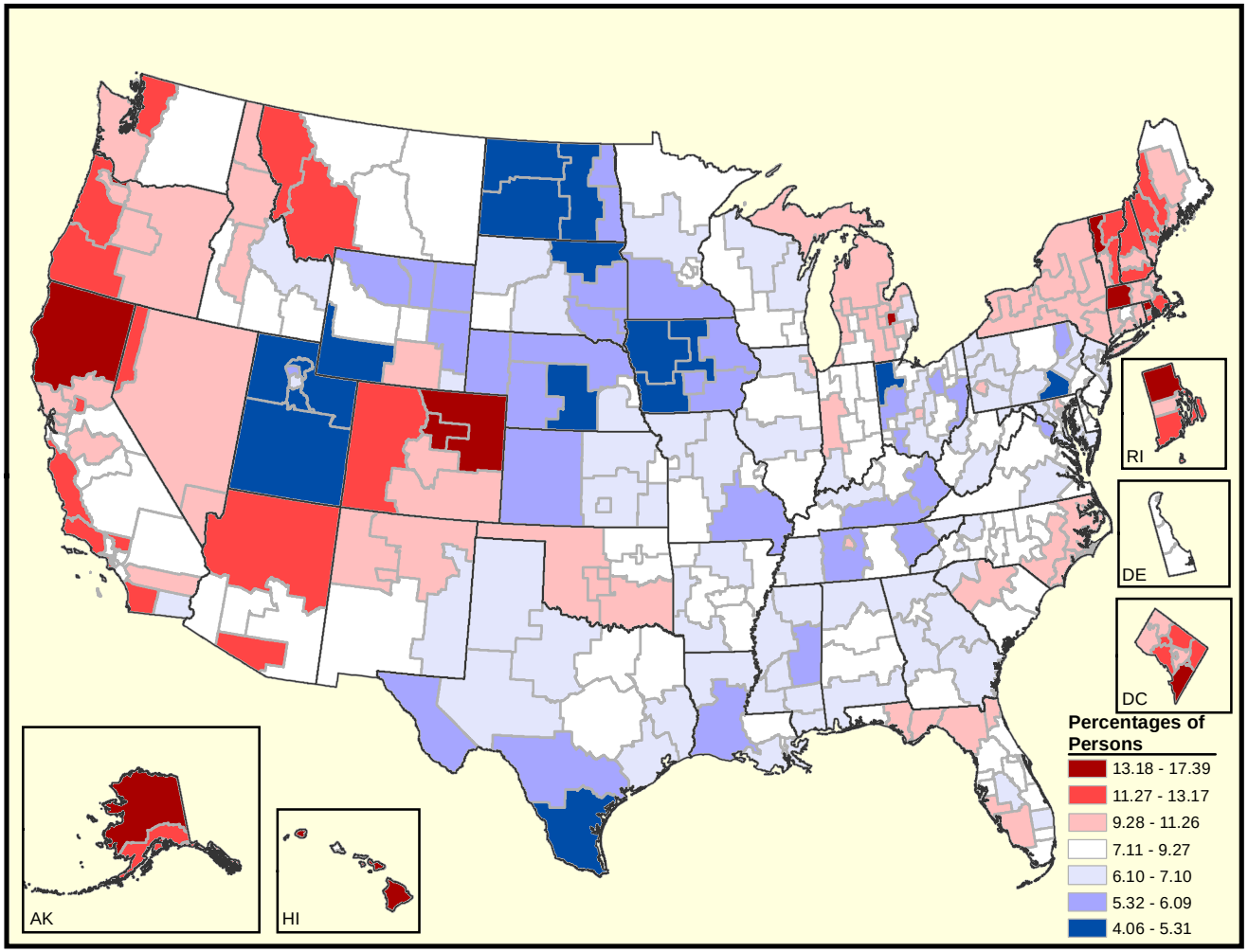
2008-2010 National Survey on Drug Use and Health
National Maps of Prevalence Estimates, by Substate Region

The 27 national maps presented here show 2008-2010 National Survey on Drug Use and Health (NSDUH) estimates for 362 substate regions that were ranked from lowest to highest for each measure and divided into 7 categories designed to represent distributions that are somewhat symmetric, as in a normal distribution. Colors were assigned to all substate regions such that the third having the lowest prevalence are in blue (121 substate regions), the middle third are in white (120 substate regions), and the third with the highest prevalence are in red (121 substate regions). The only exceptions were the three perception-of-risk outcomes shown in Figure 4 (marijuana), Figure 11 (alcohol), and Figure 16 (cigarettes), which have the highest estimates represented in blue and the lowest estimates represented in red to the reflect the inverse relationship between substance use and the perception of risk of using that substance. To further distinguish among the substate regions that display relatively higher prevalence, the "highest" third in red has been subdivided into (a) dark red for the 16 substate regions with the highest estimates, (b) medium red for the 33 substate regions with the next highest estimates, and (c) light red for the 72 substate regions in the third highest group. The "lowest" third is categorized in a similar way using three distinct shades of blue. In some cases, a group (or category) could have more or fewer substate regions because two (or more) substate regions have the same estimate (to two decimal places). When such ties occurred at the "boundary" between two groups, all substate regions with the same estimate were assigned to the lower group. Tables containing specific estimates for these substate regions are available on the 2008-2010 NSDUH substate Web page at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx. Individual State maps containing enlarged images of these substate regions will also be available.[1]

[1] The substate regions within Los Angeles County, California, shown on the national maps also appear as enlarged images in the individual State maps for California. Enlargements of specific substate regions other than for an entire State are unavailable in this set of 27 national maps.

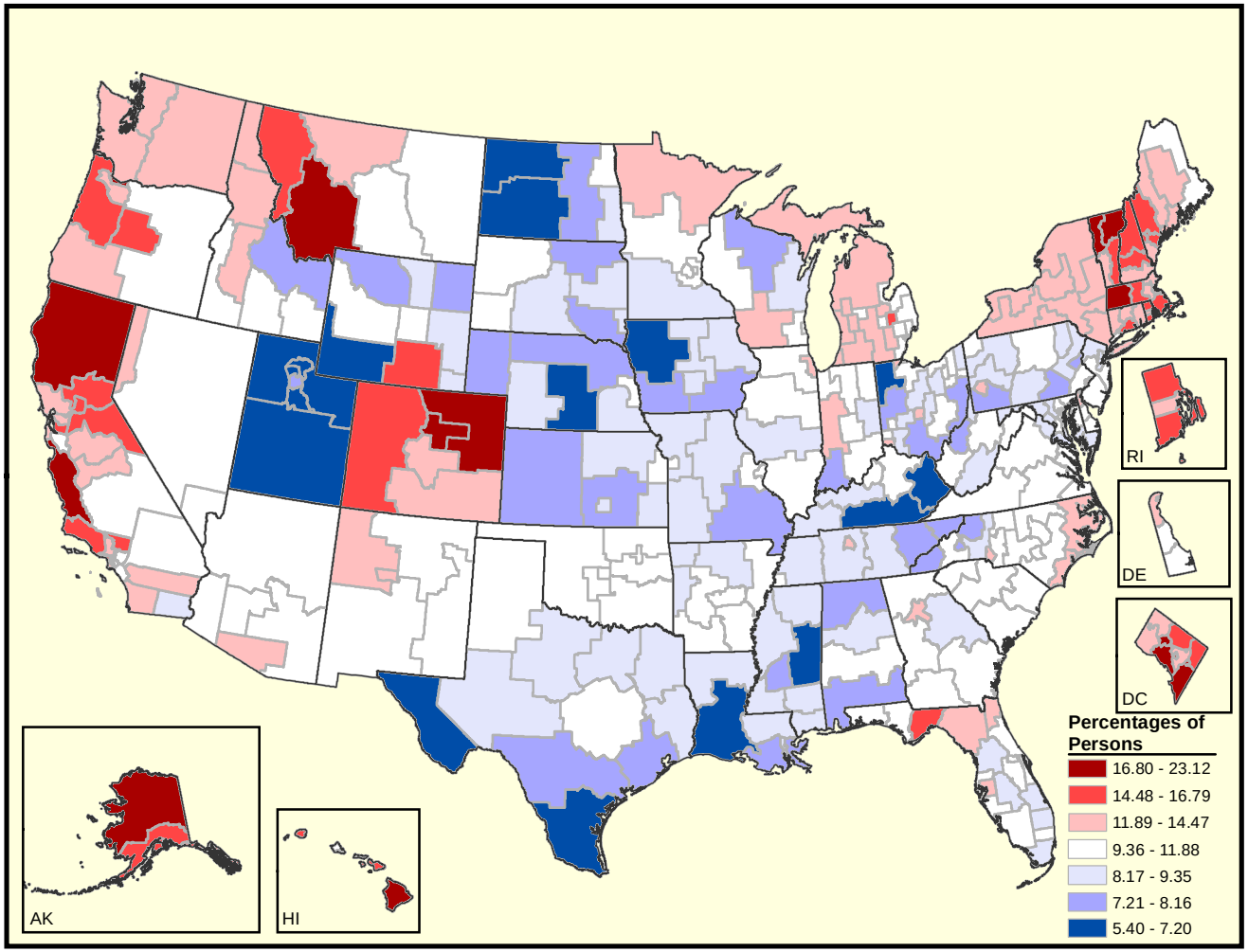
Figure 1 ***Illicit Drug Use in the Past Month*** **among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

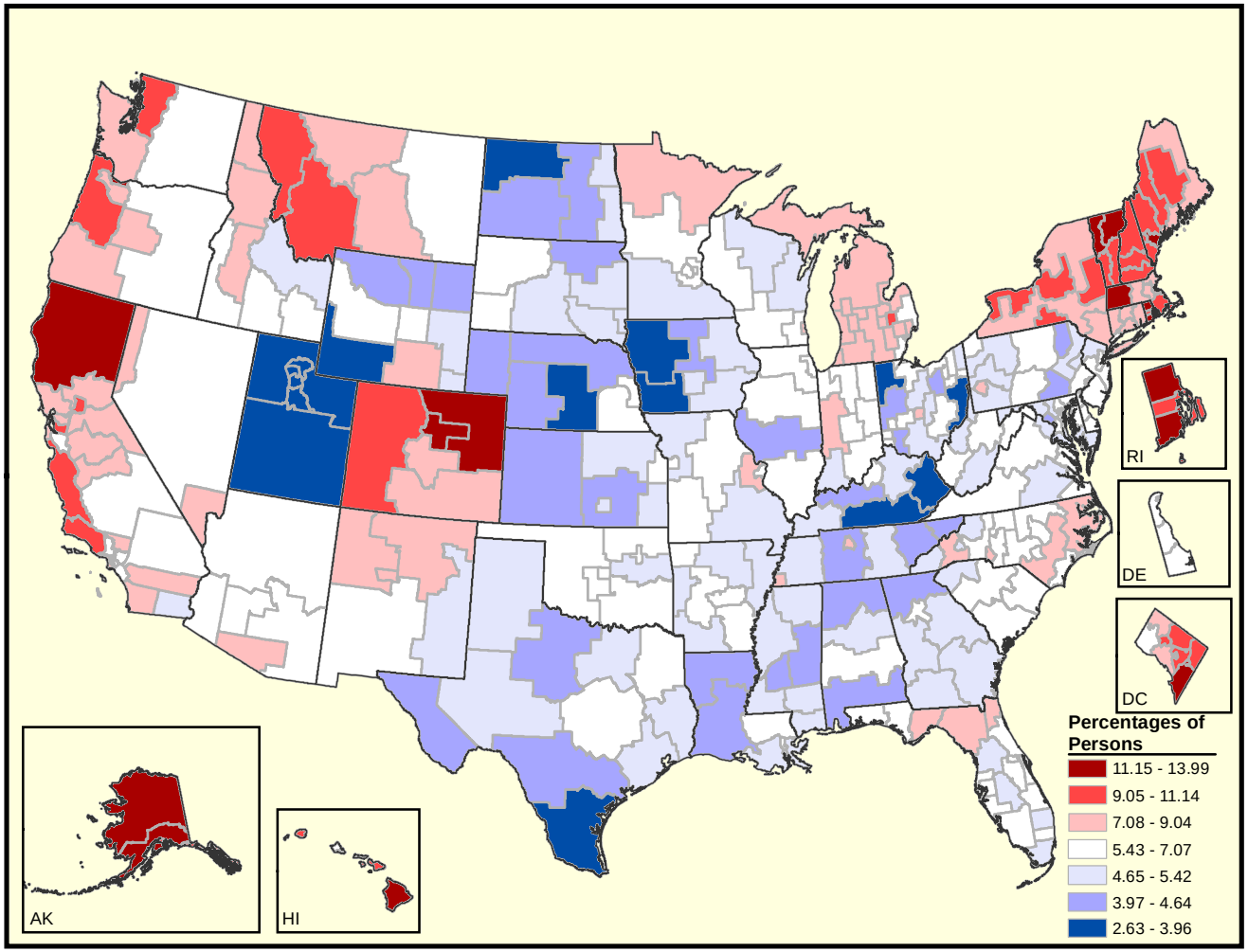
Figure 2 ***Marijuana Use in the Past Year*** **among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

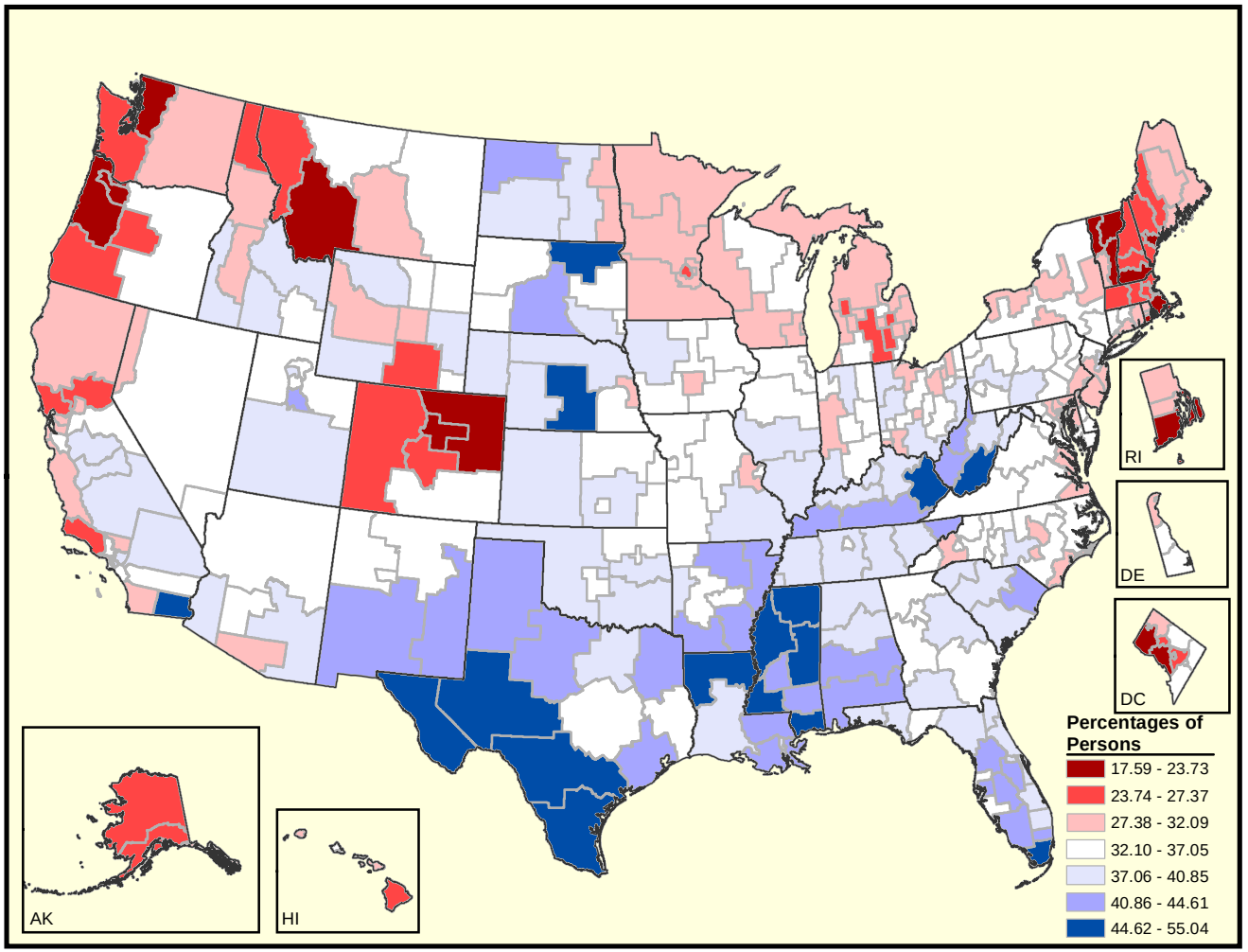
Figure 3 ***Marijuana Use in the Past Month*** **among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

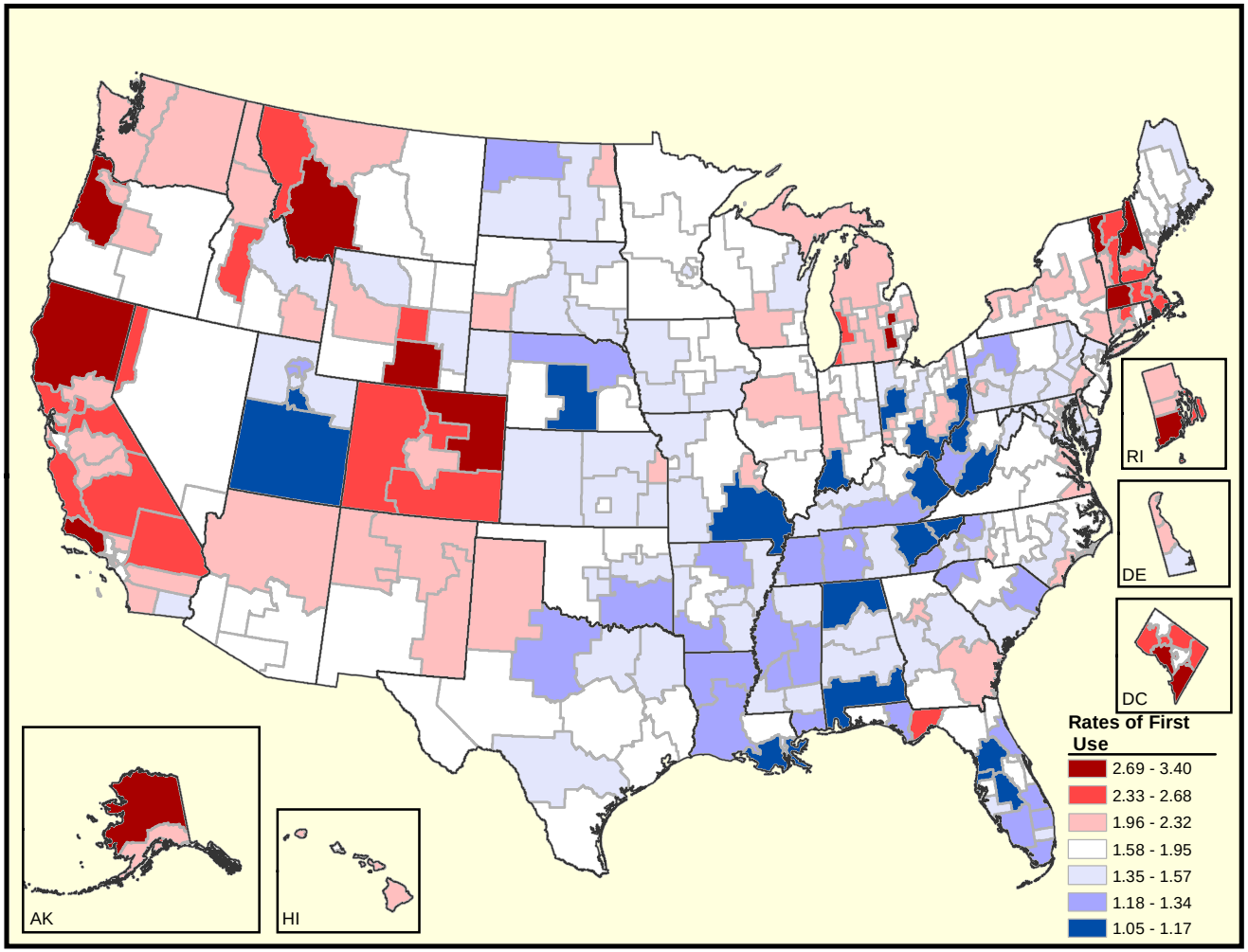
Figure 4 ***Perceptions of Great Risk of Smoking Marijuana Once a Month*** **among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

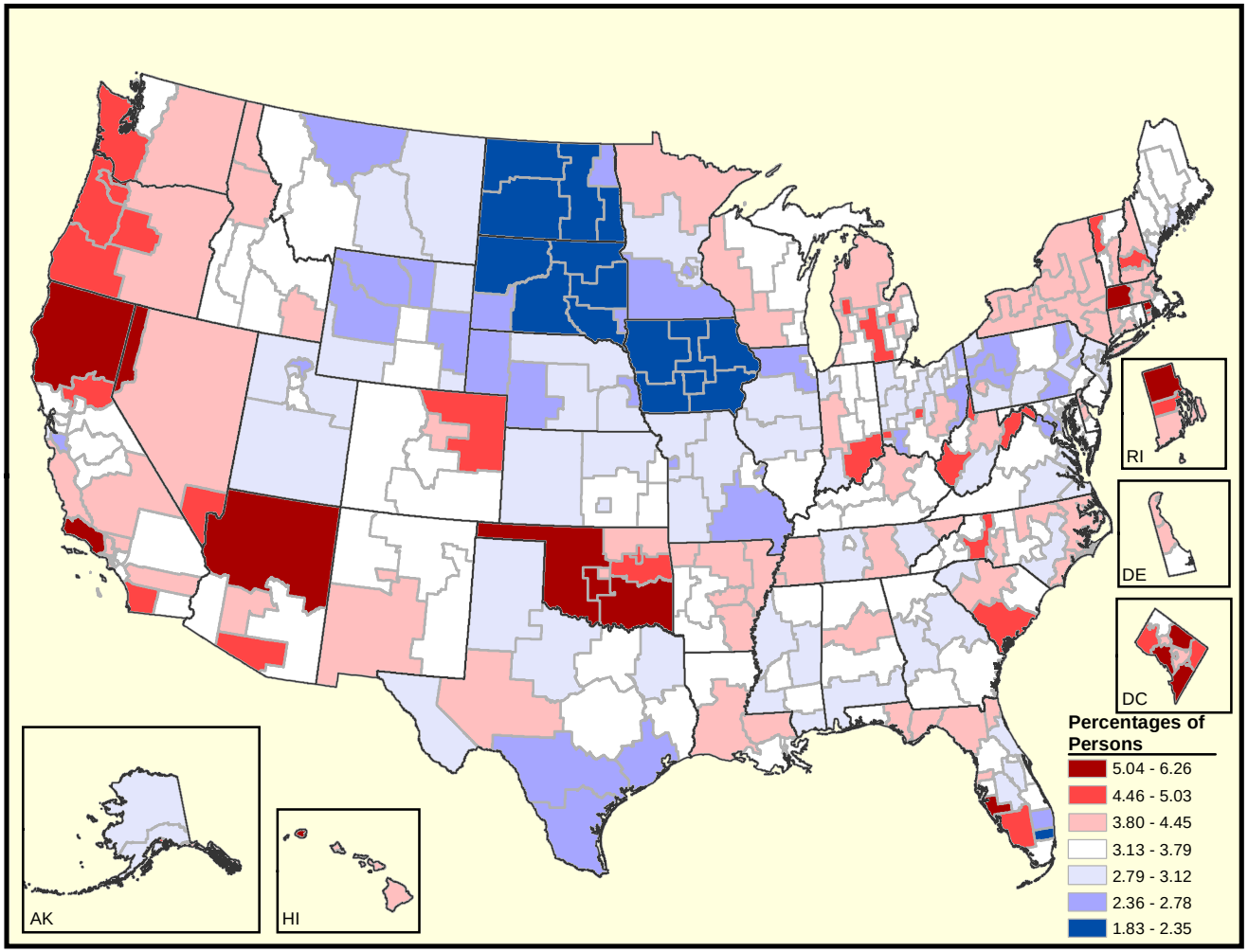
Figure 5 ***First Use of Marijuana*** **among Persons Aged 12 or Older, by Substate Region: Average Annual Rates Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

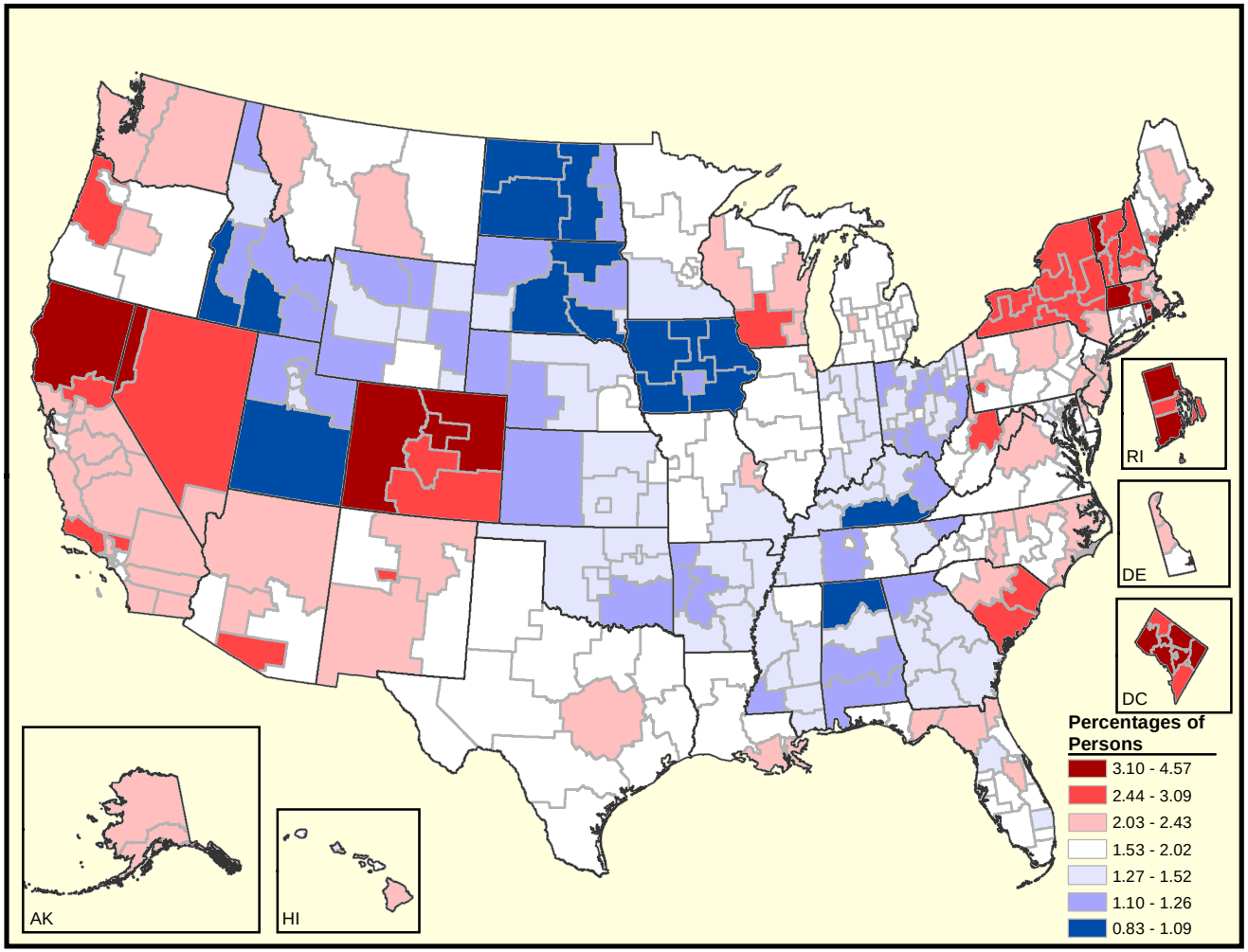
Figure 6 ***Illicit Drug Use Other Than Marijuana in the Past Month*** **among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

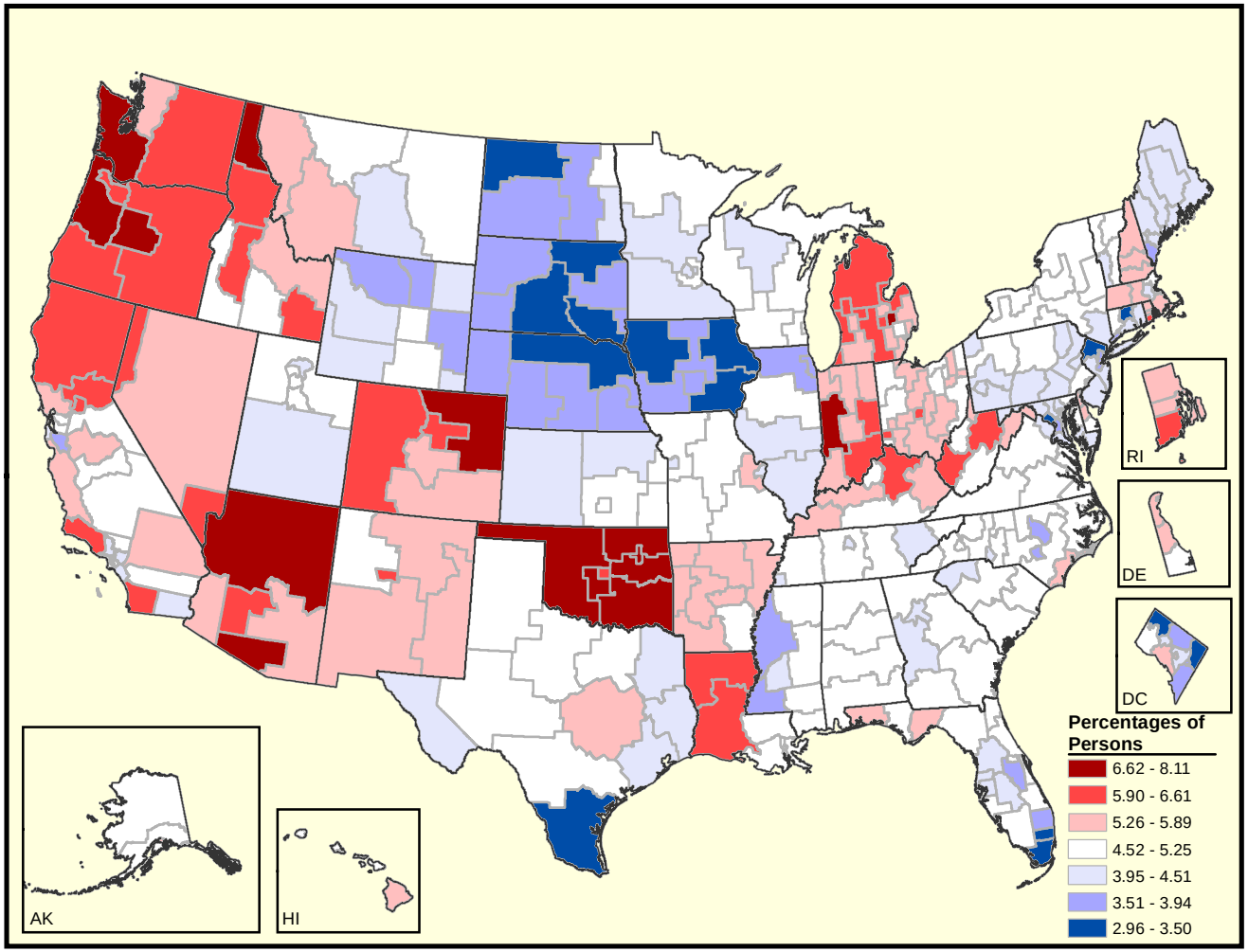
Figure 7 ***Cocaine Use in the Past Year*** **among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

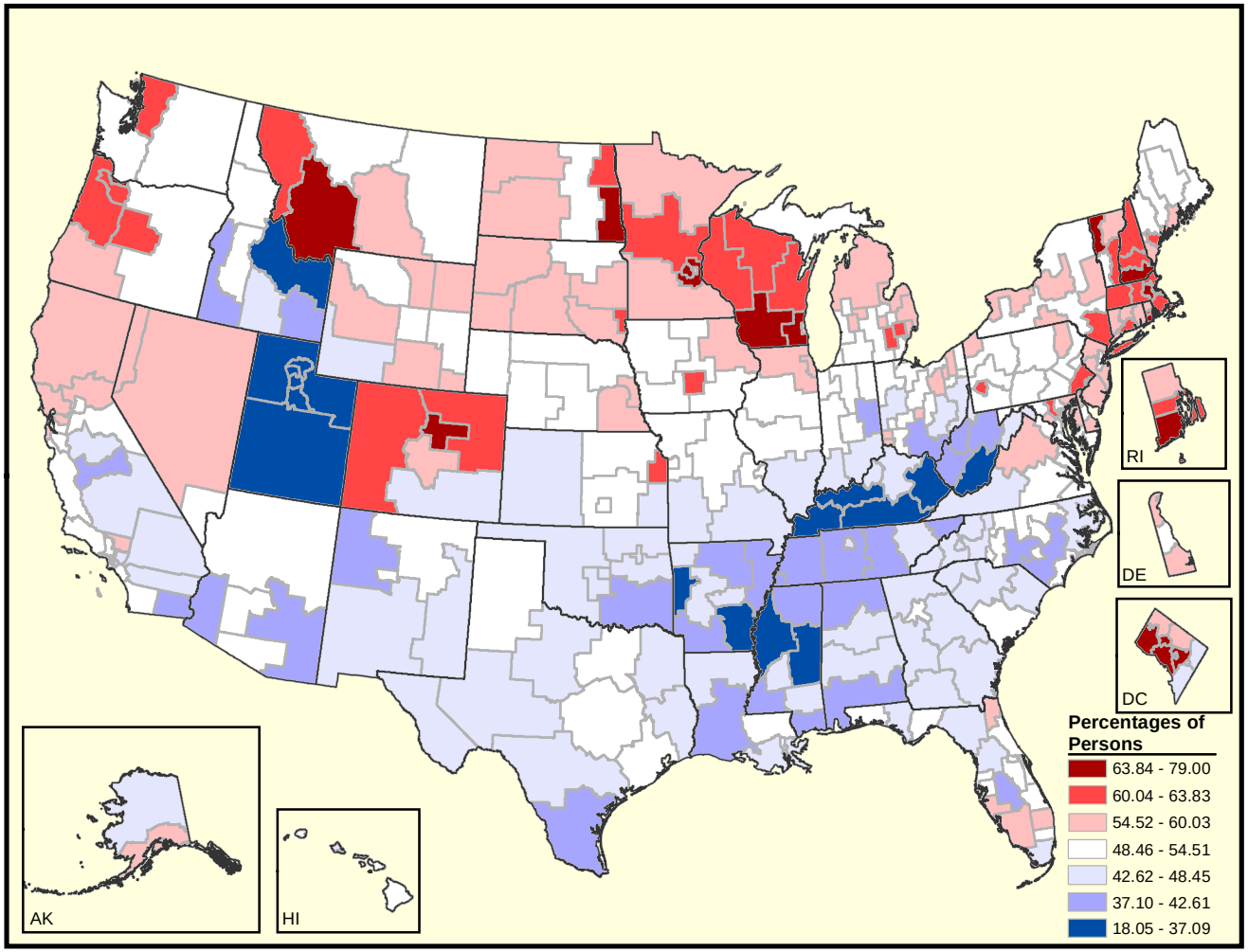
Figure 8 ***Nonmedical Use of Pain Relievers in the Past Year*** **among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

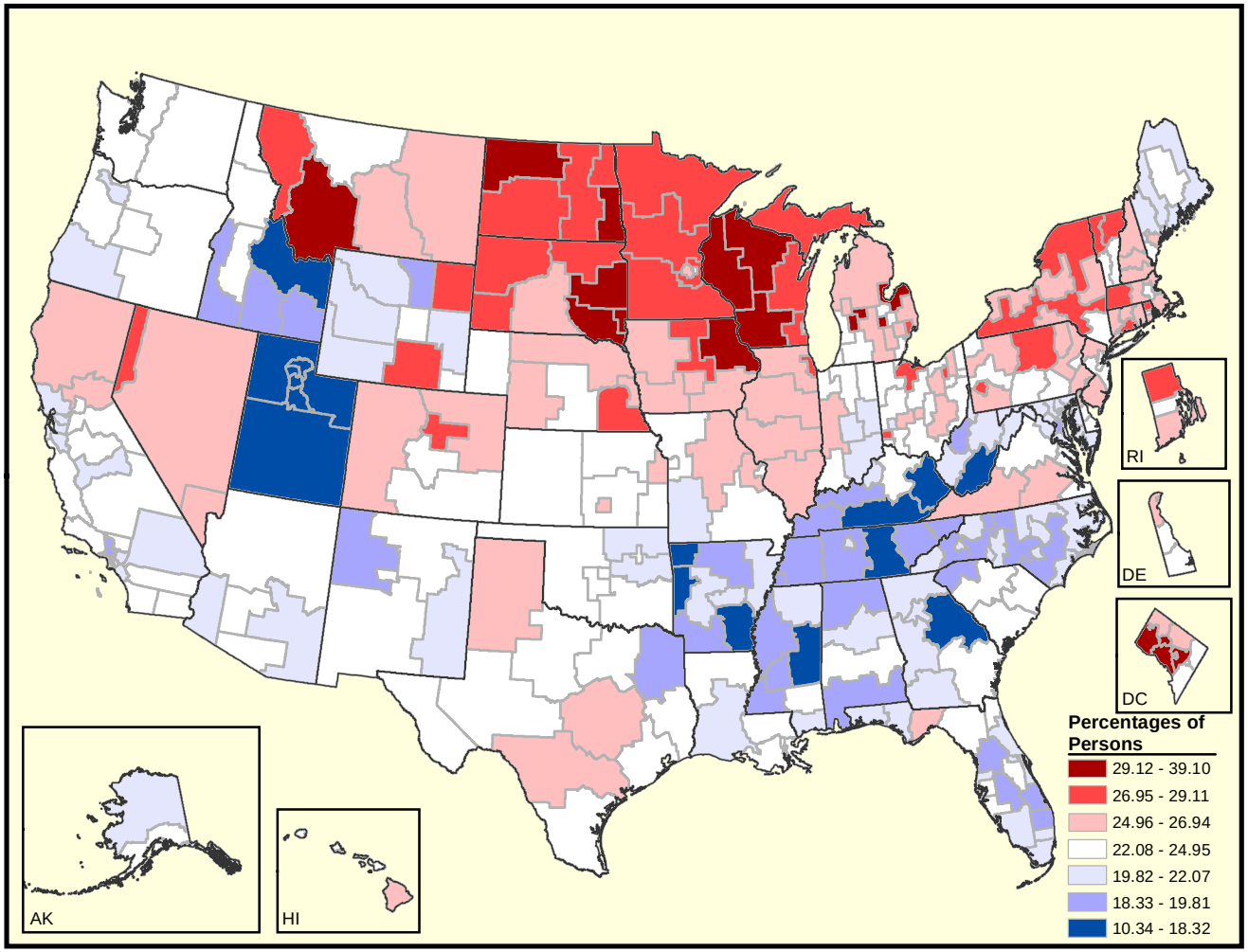
Figure 9 ***Alcohol Use in the Past Month*** **among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

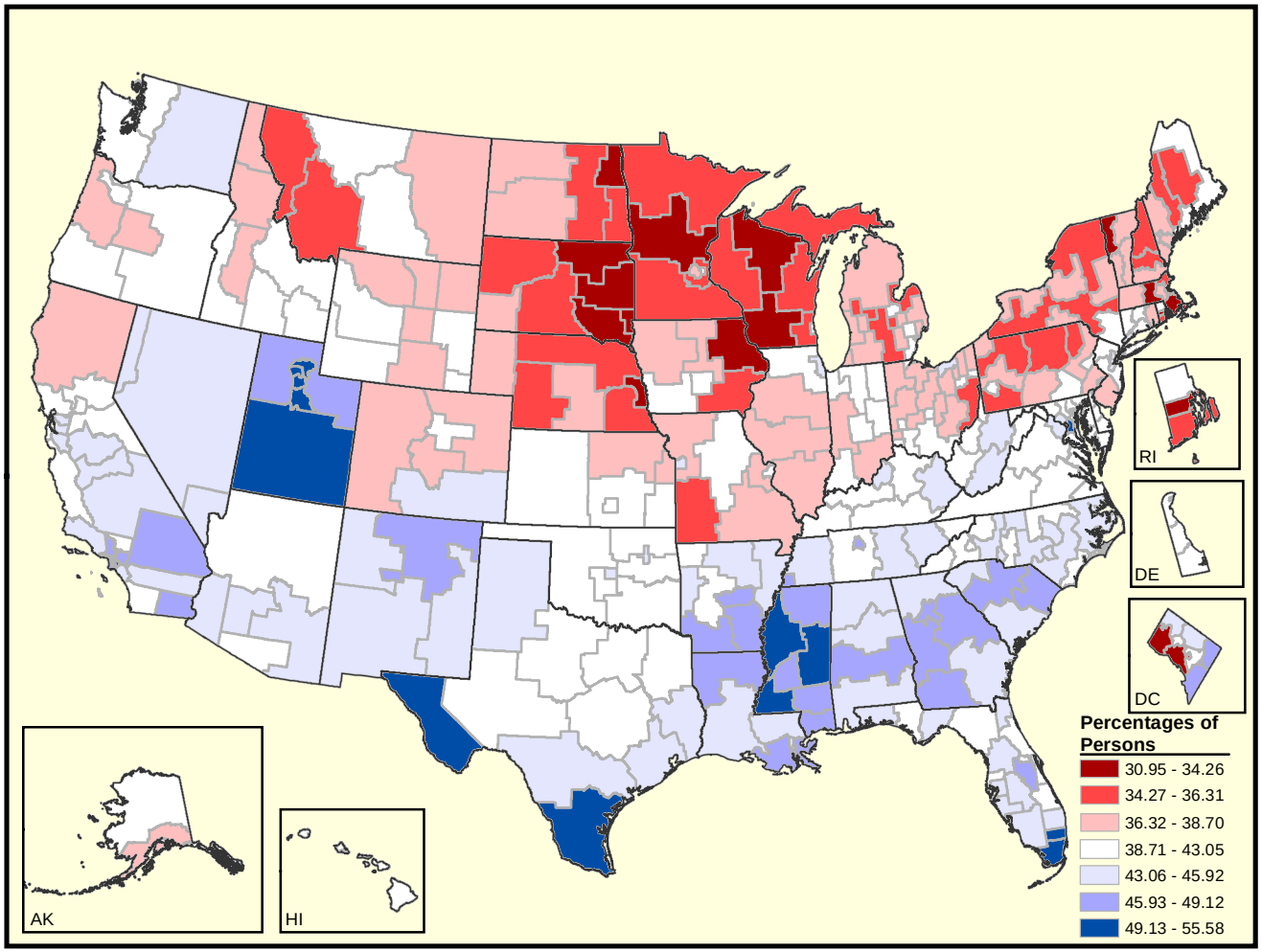
Figure 10 ***Binge Alcohol Use in the Past Month*** **among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

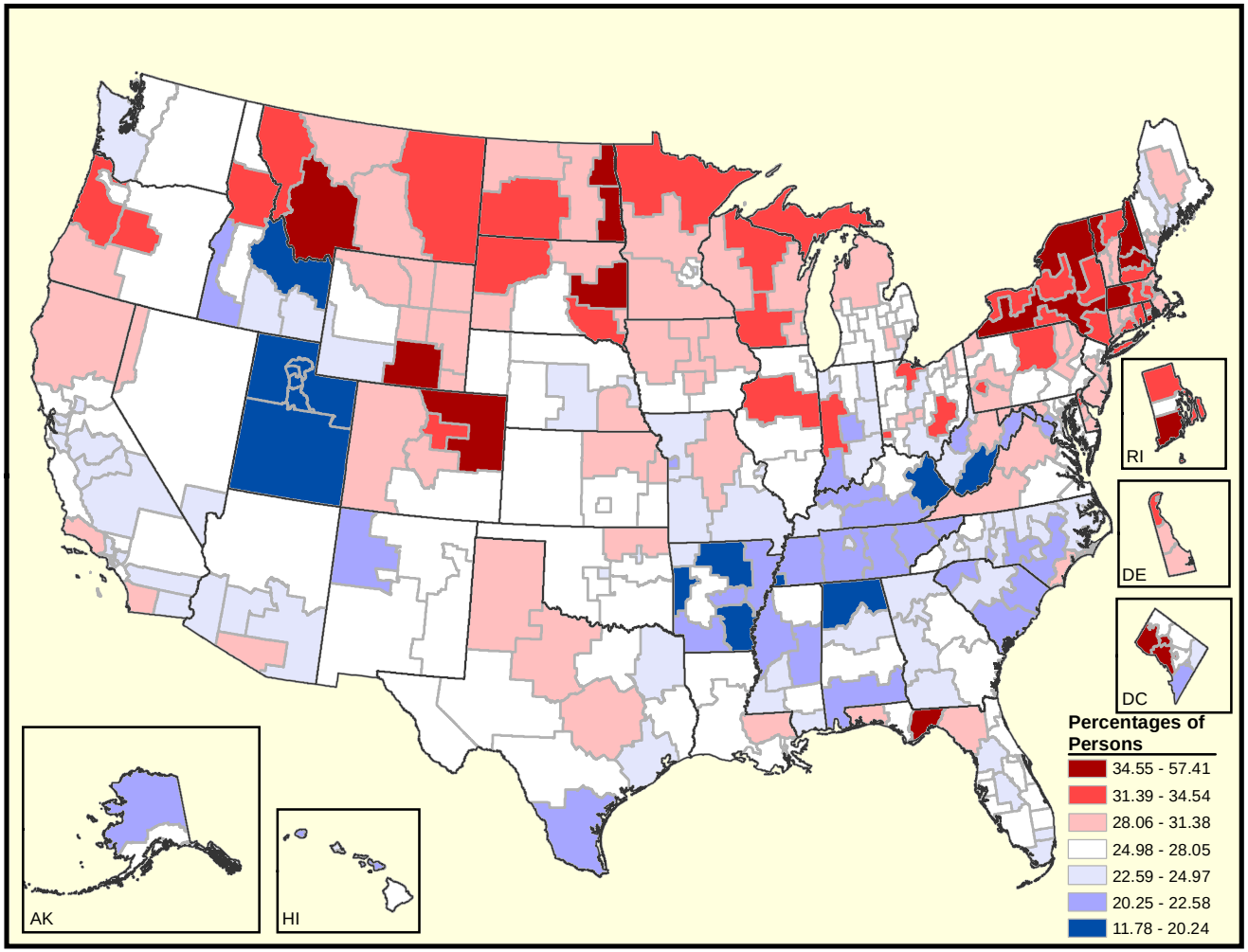
Figure 11 ***Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week*** **among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

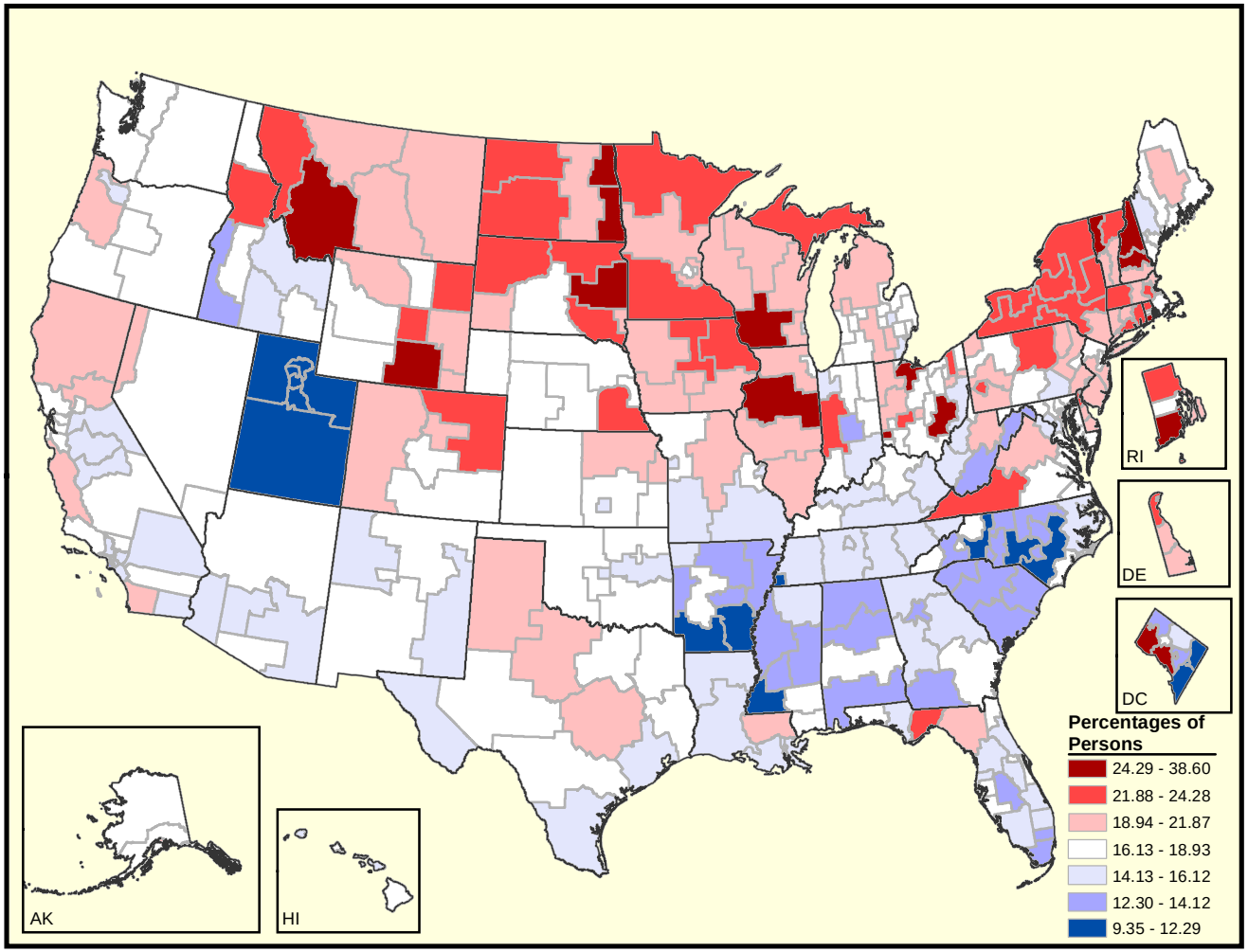
Figure 12 ***Alcohol Use in the Past Month among Persons Aged 12 to 20*, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

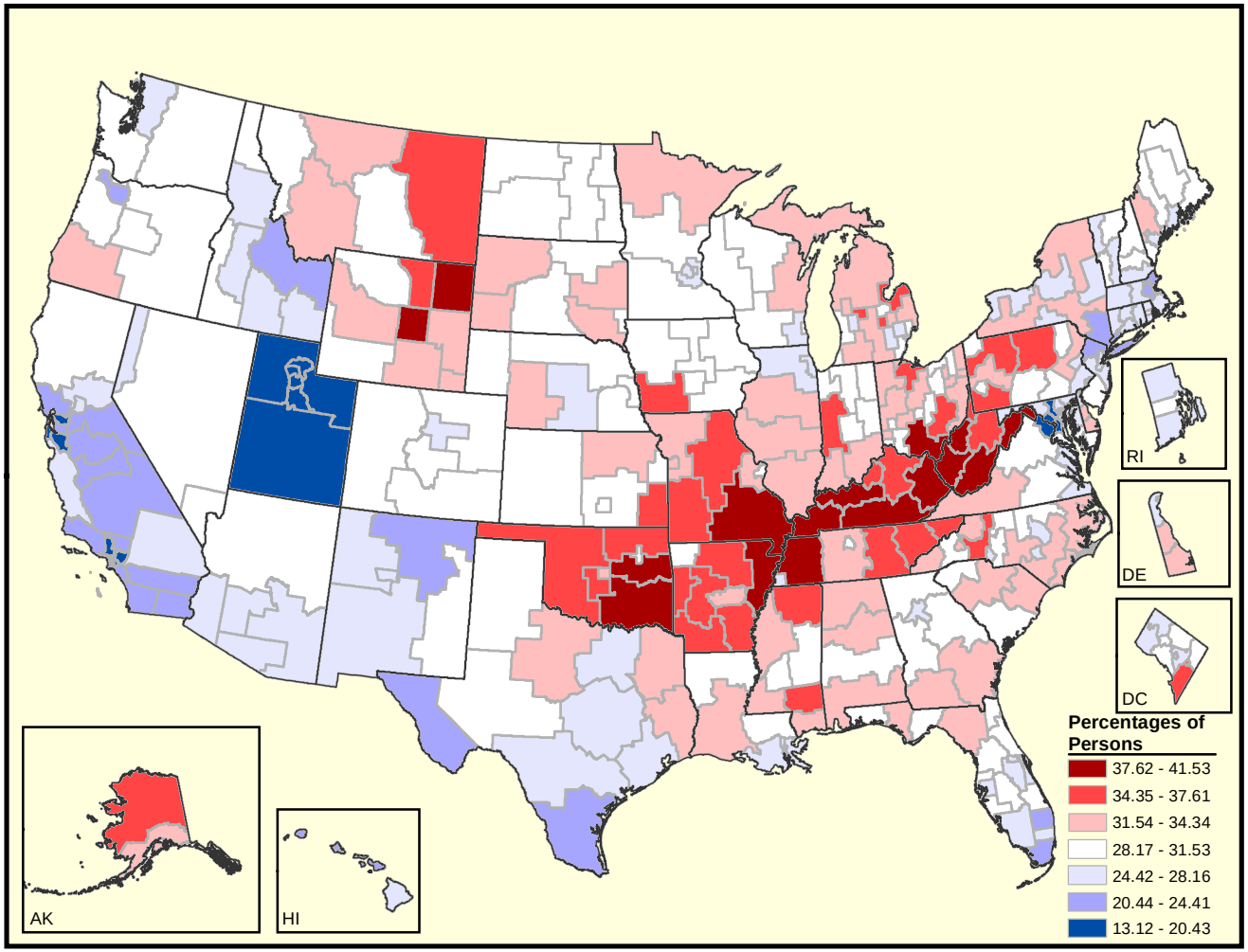
Figure 13 ***Binge Alcohol Use in the Past Month among Persons Aged 12 to 20,*** **by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

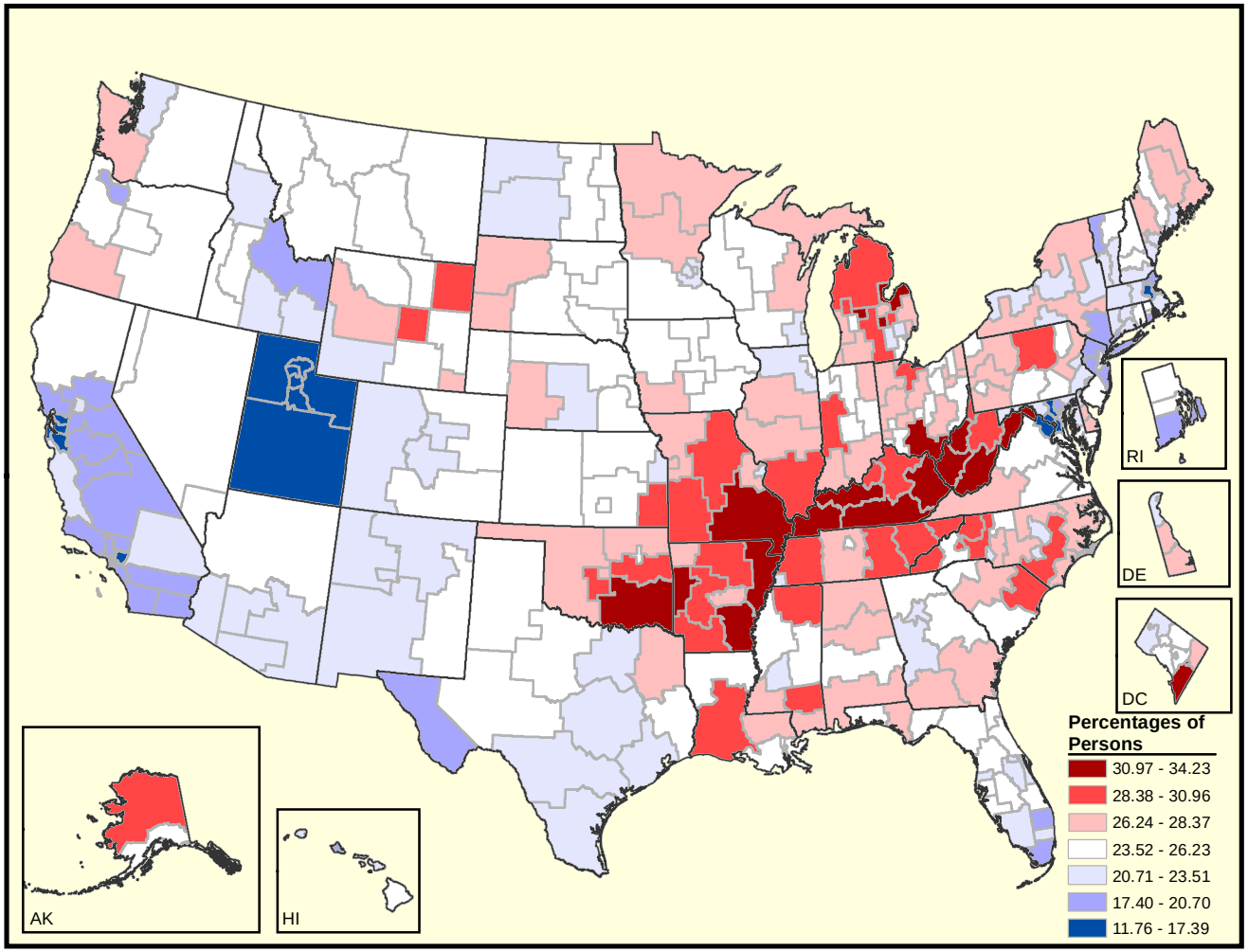
Figure 14 ***Tobacco Product Use in the Past Month*** **among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

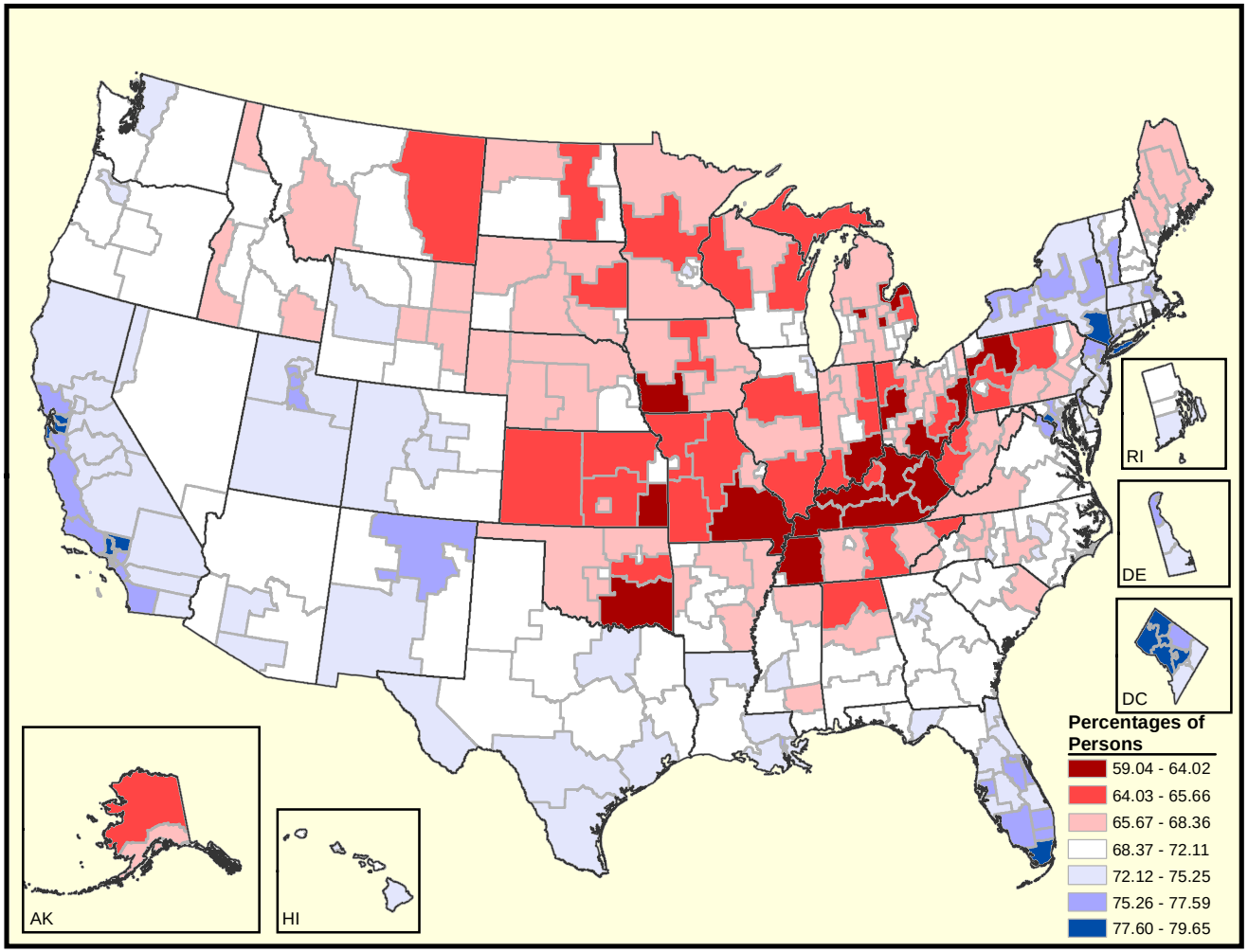
Figure 15 ***Cigarette Use in the Past Month*** **among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

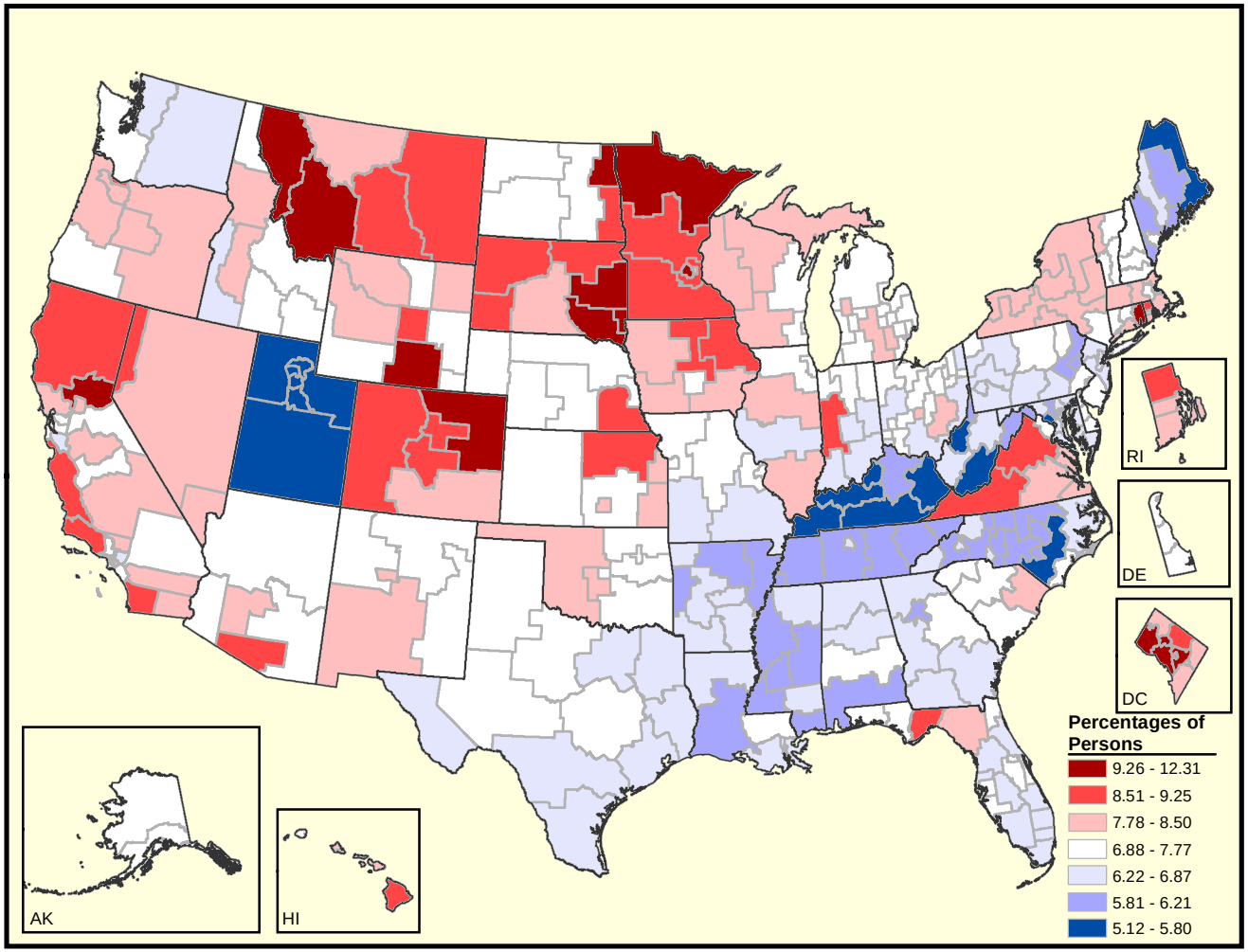
Figure 16 ***Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day*** **among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

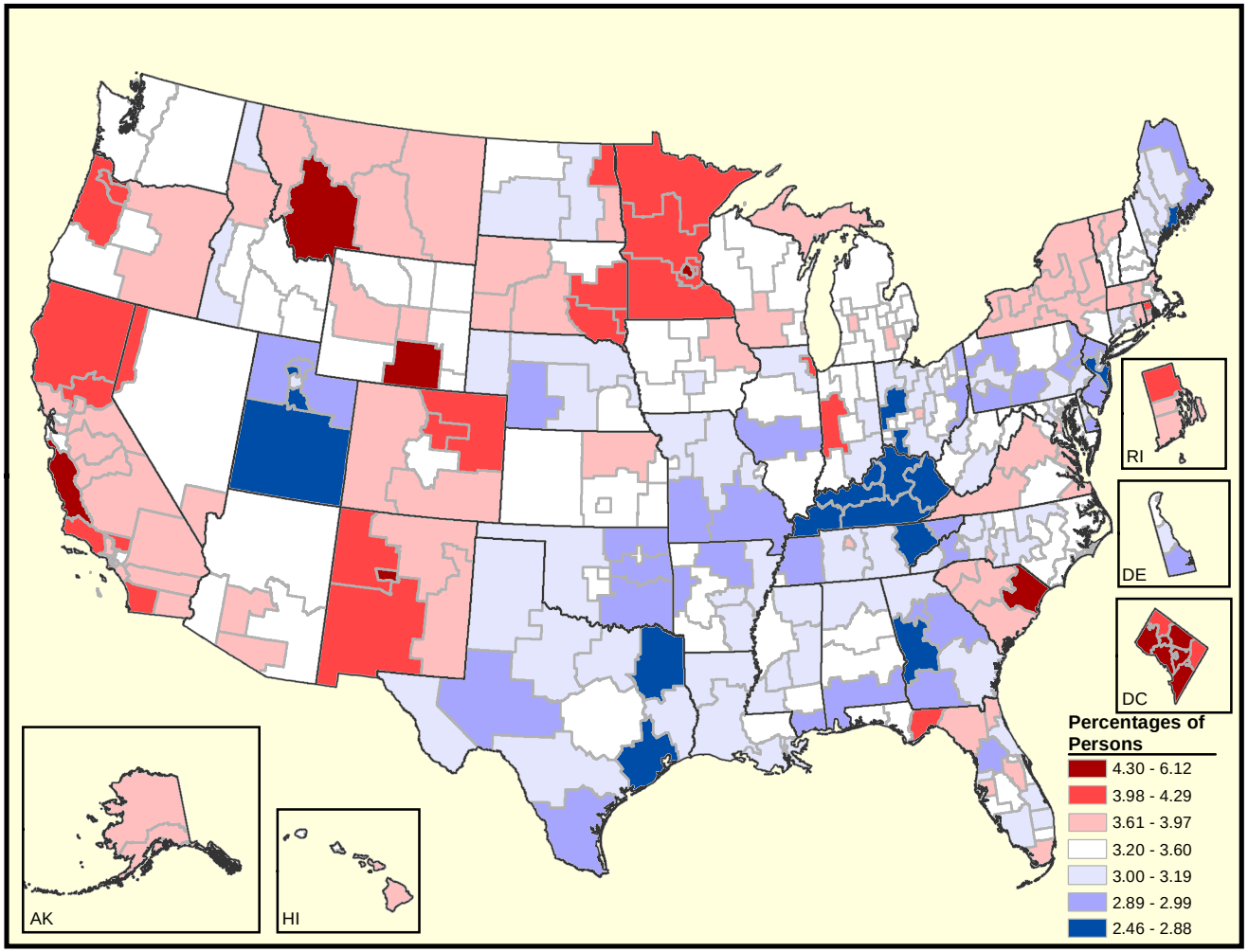
Figure 17 ***Alcohol Dependence or Abuse in the Past Year*** **among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

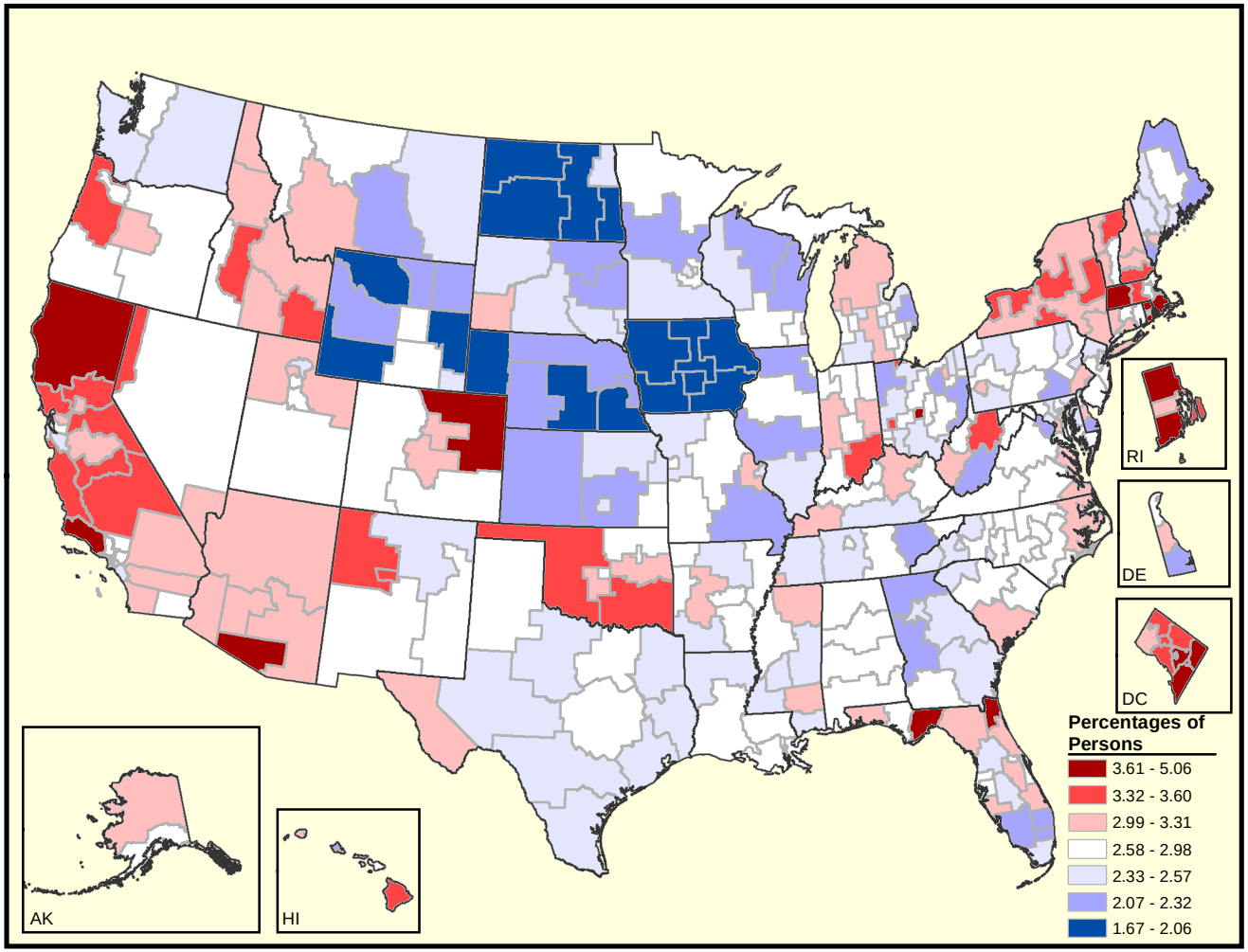
Figure 18 ***Alcohol Dependence in the Past Year*** **among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

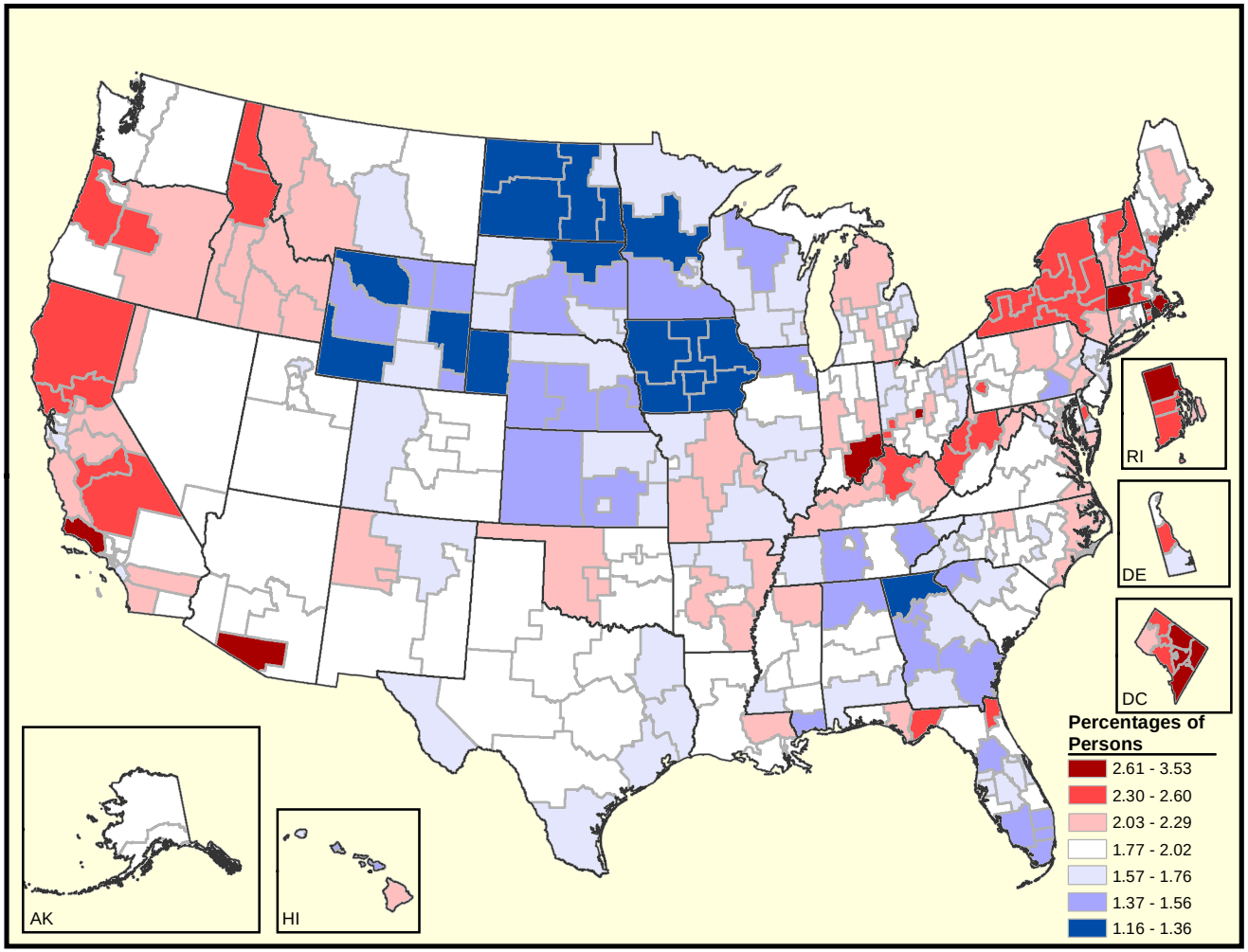
Figure 19 ***Illicit Drug Dependence or Abuse in the Past Year*** **among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

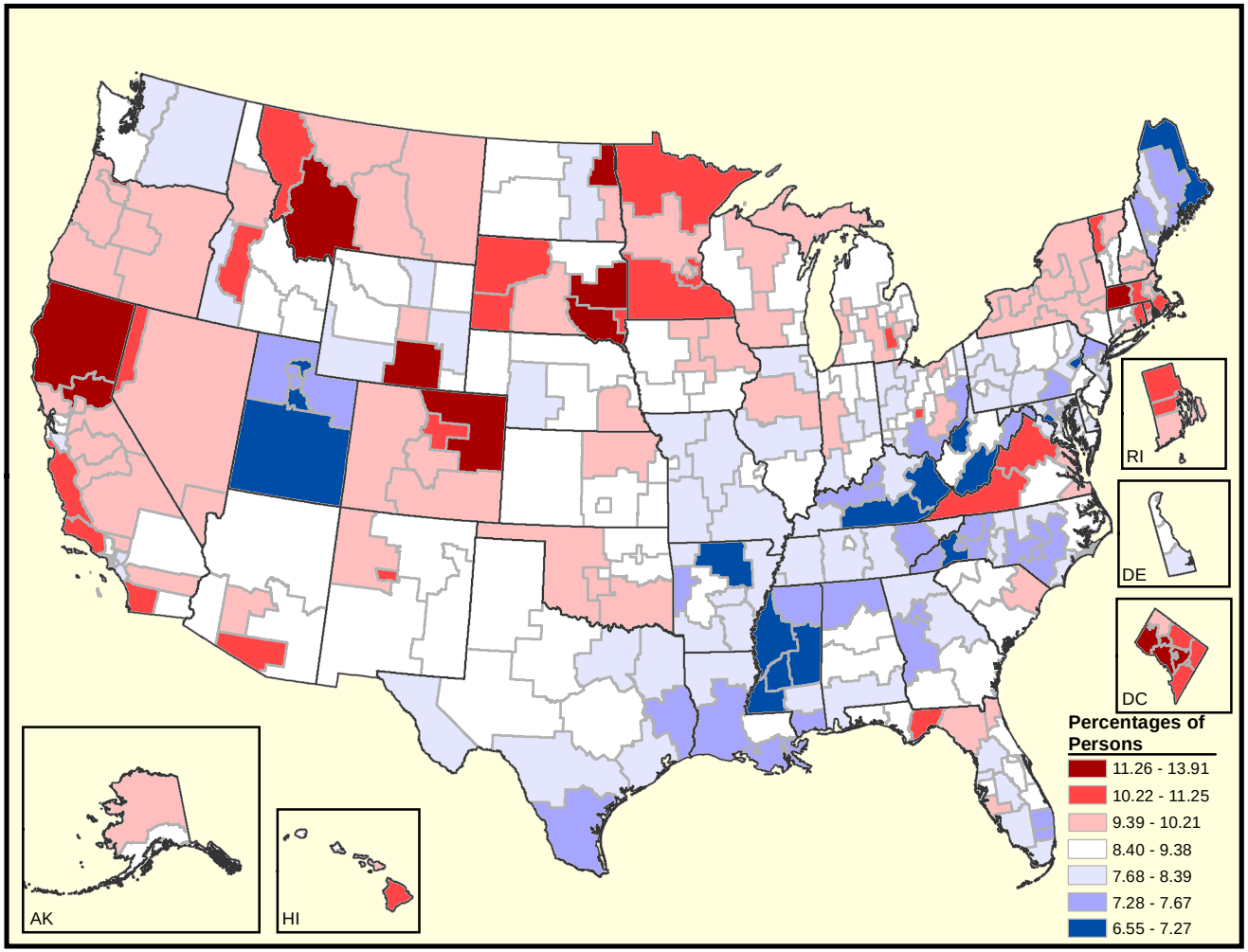
Figure 20 ***Illicit Drug Dependence in the Past Year*** **among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

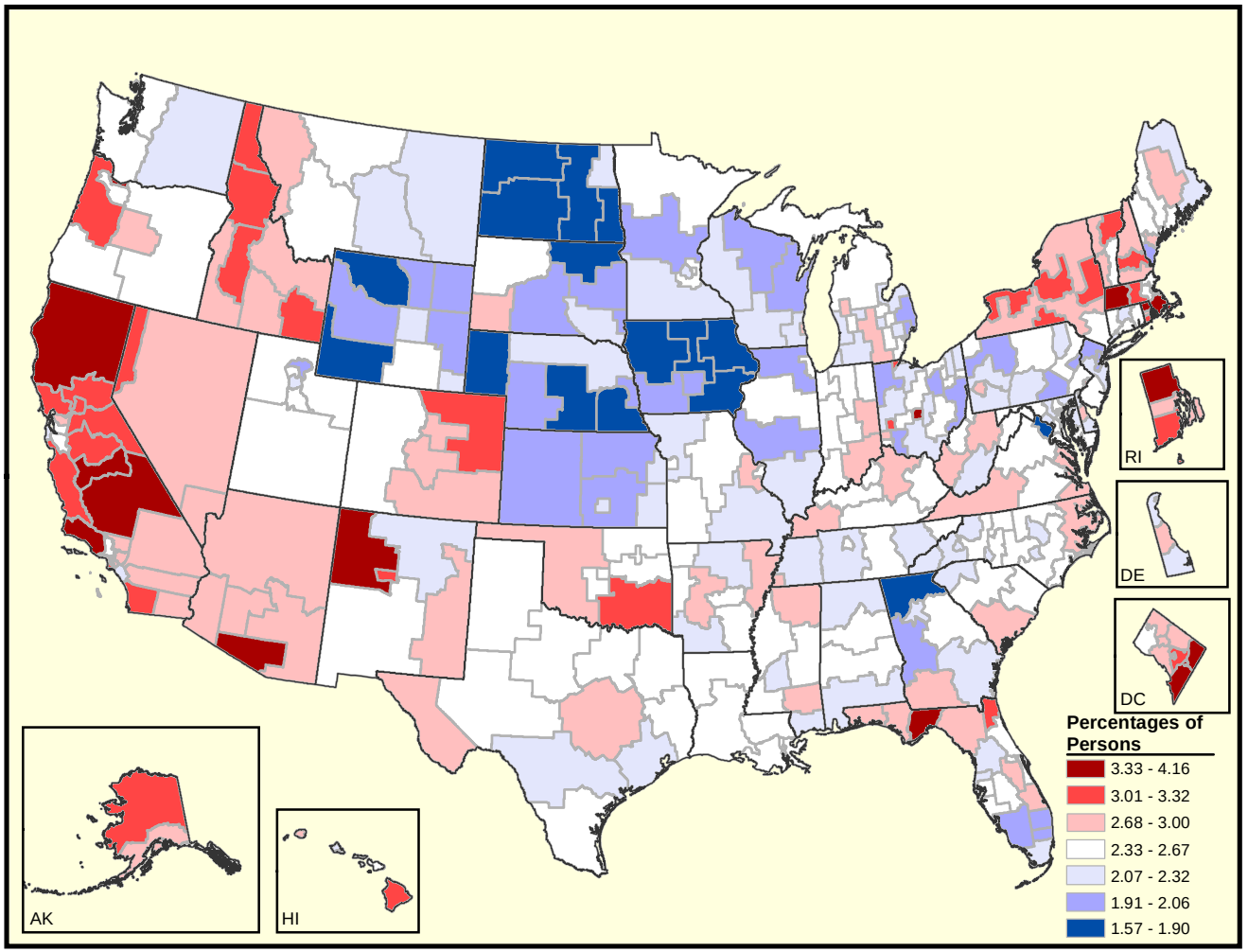
Figure 21 ***Dependence or Abuse of Illicit Drugs or Alcohol in the Past Year*** **among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

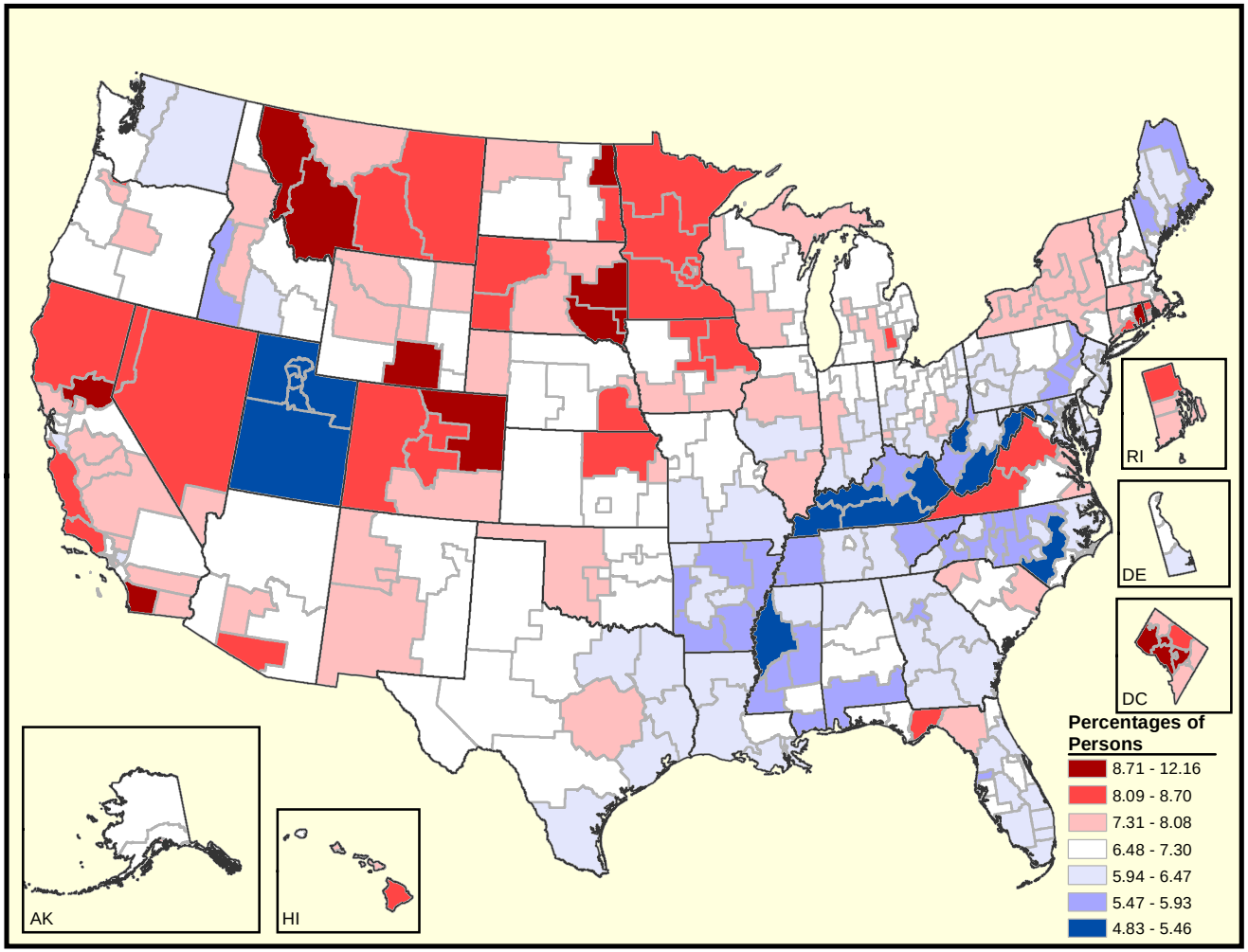
Figure 22 ***Needing But Not Receiving Treatment for Illicit Drug Use in the Past Year*** **among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

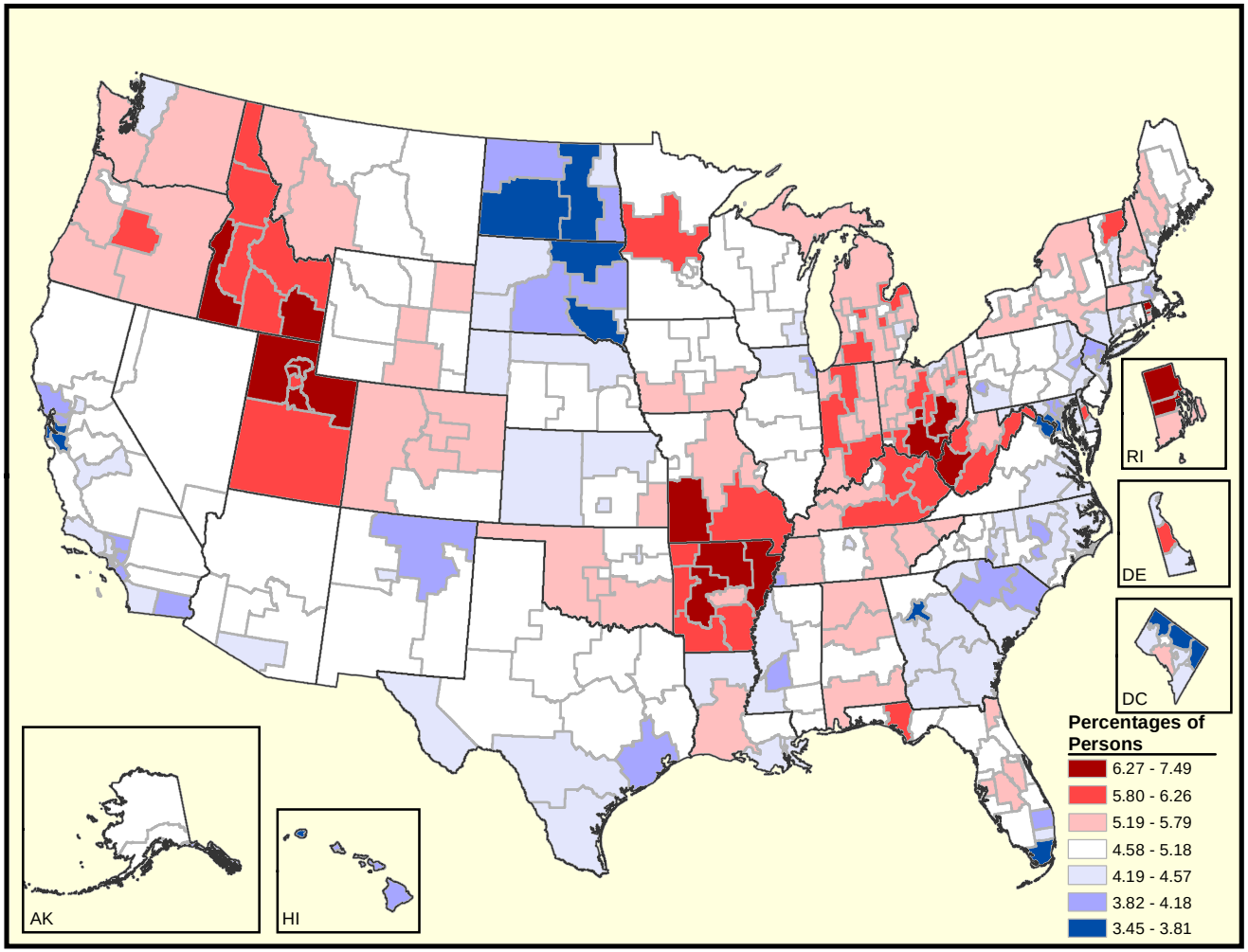
Figure 23 ***Needing But Not Receiving Treatment for Alcohol Use in the Past Year*** **among Persons Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

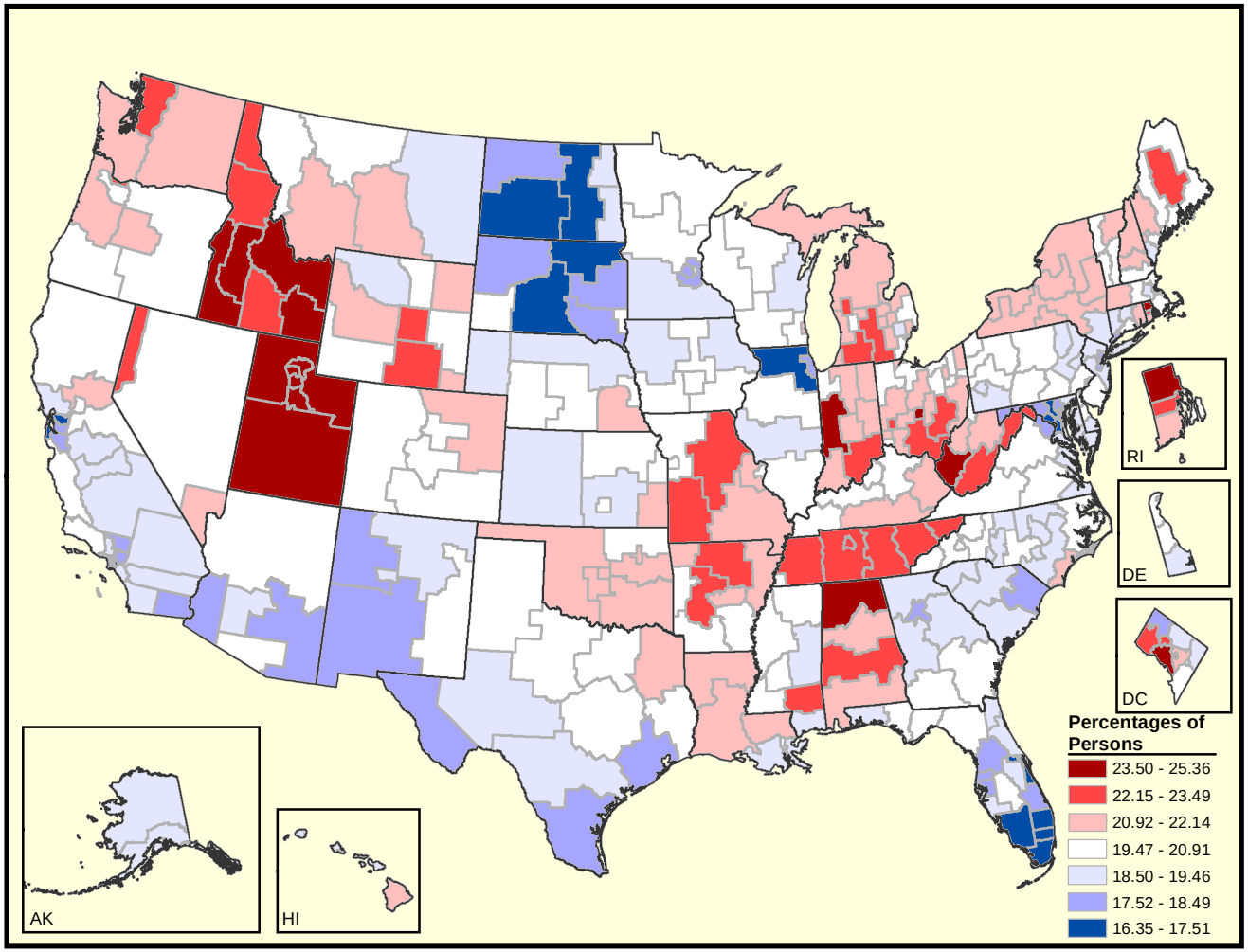
Figure 24 ***Serious Mental Illness in the Past Year*** **among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

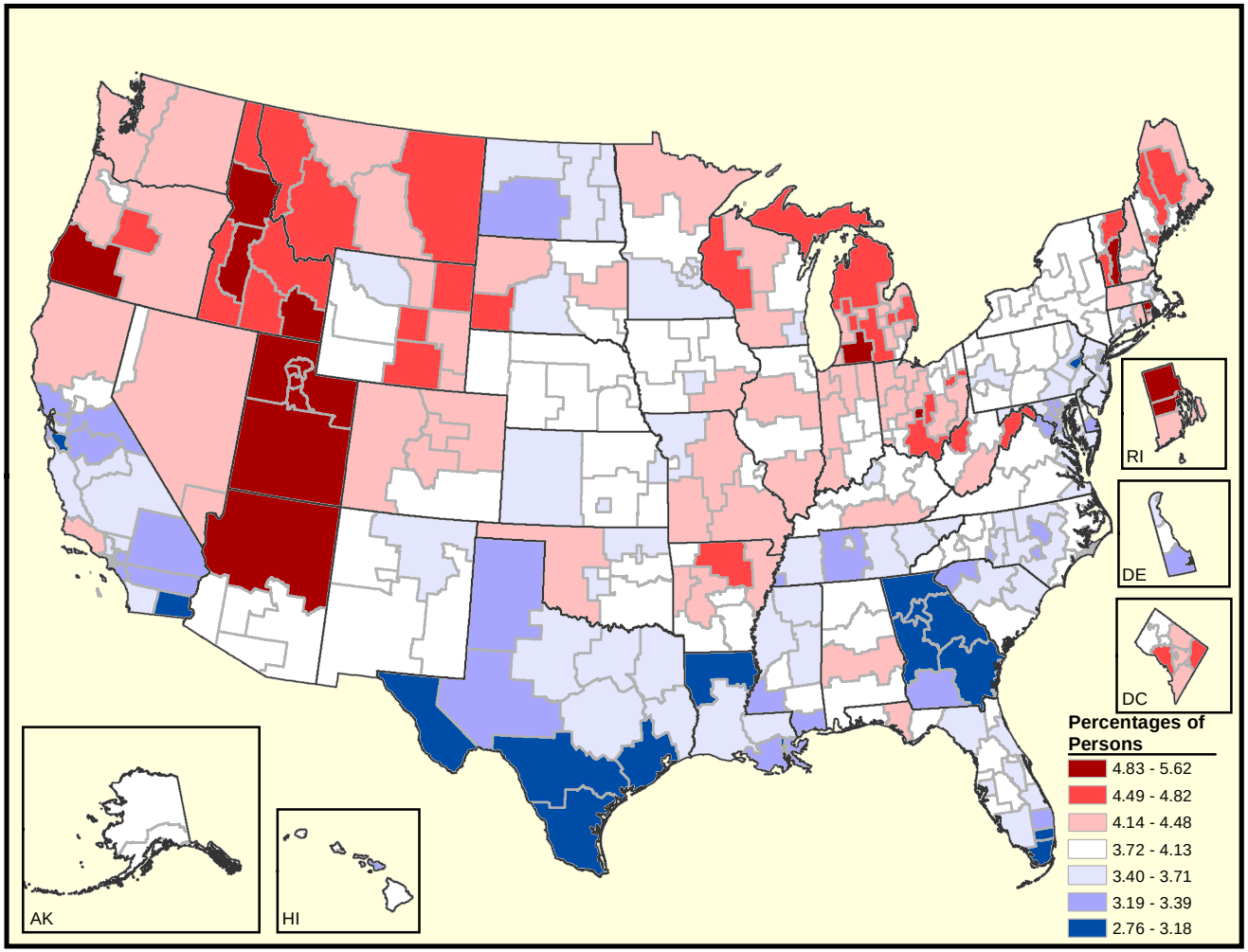
Figure 25 ***Any Mental Illness in the Past Year*** **among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

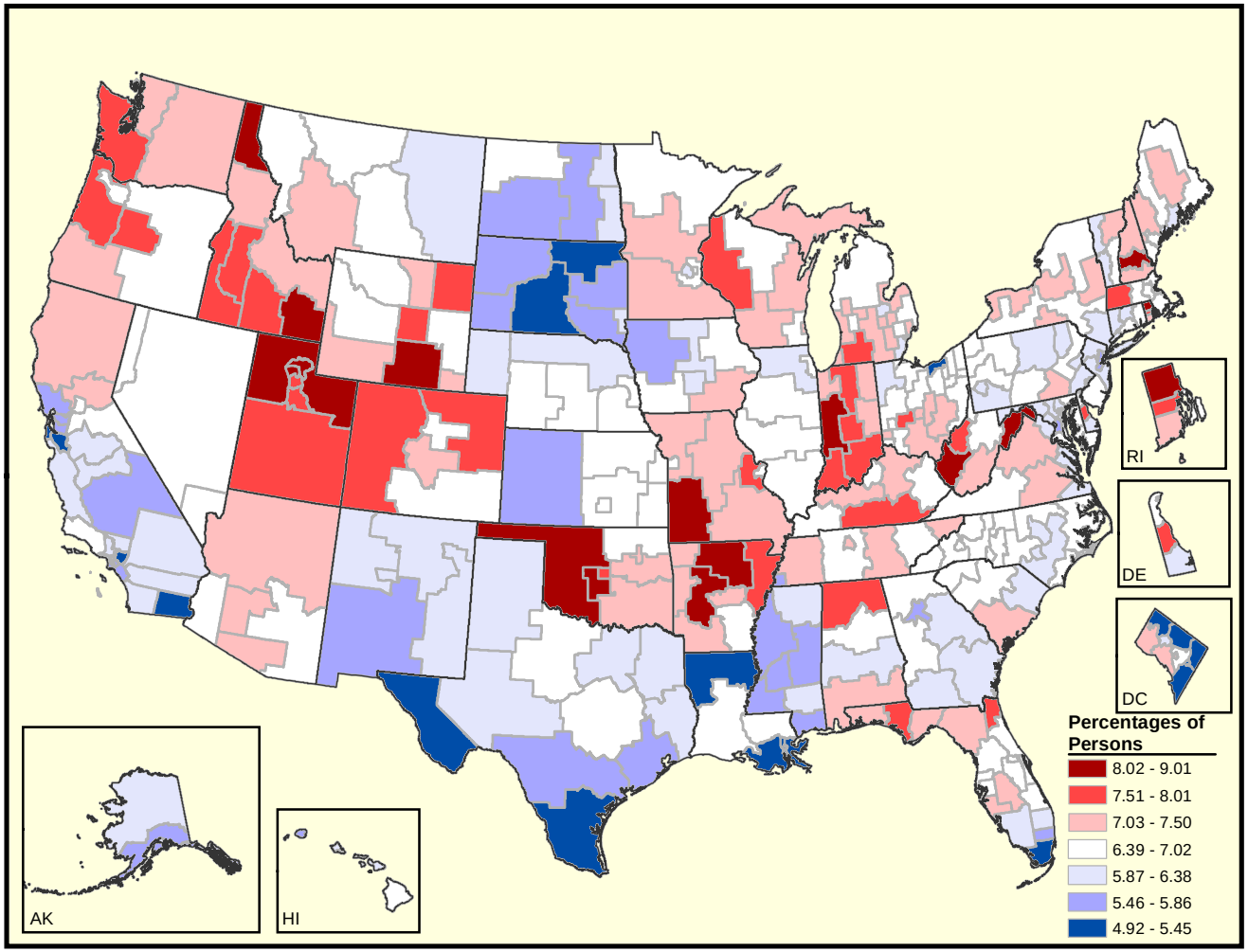
Figure 26 ***Had Serious Thoughts of Suicide in the Past Year*** **among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).

Figure 27 ***Had at Least One Major Depressive Episode in the Past Year*** **among Persons Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2008, 2009, and 2010 NSDUHs**



NOTE: For substate region definitions, see the "2008-2010 National Survey on Drug Use and Health Substate Region Definitions" at http://www.samhsa.gov/data/NSDUH/substate2k10/toc.aspx.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2008, 2009, and 2010 (Revised March 2012).