

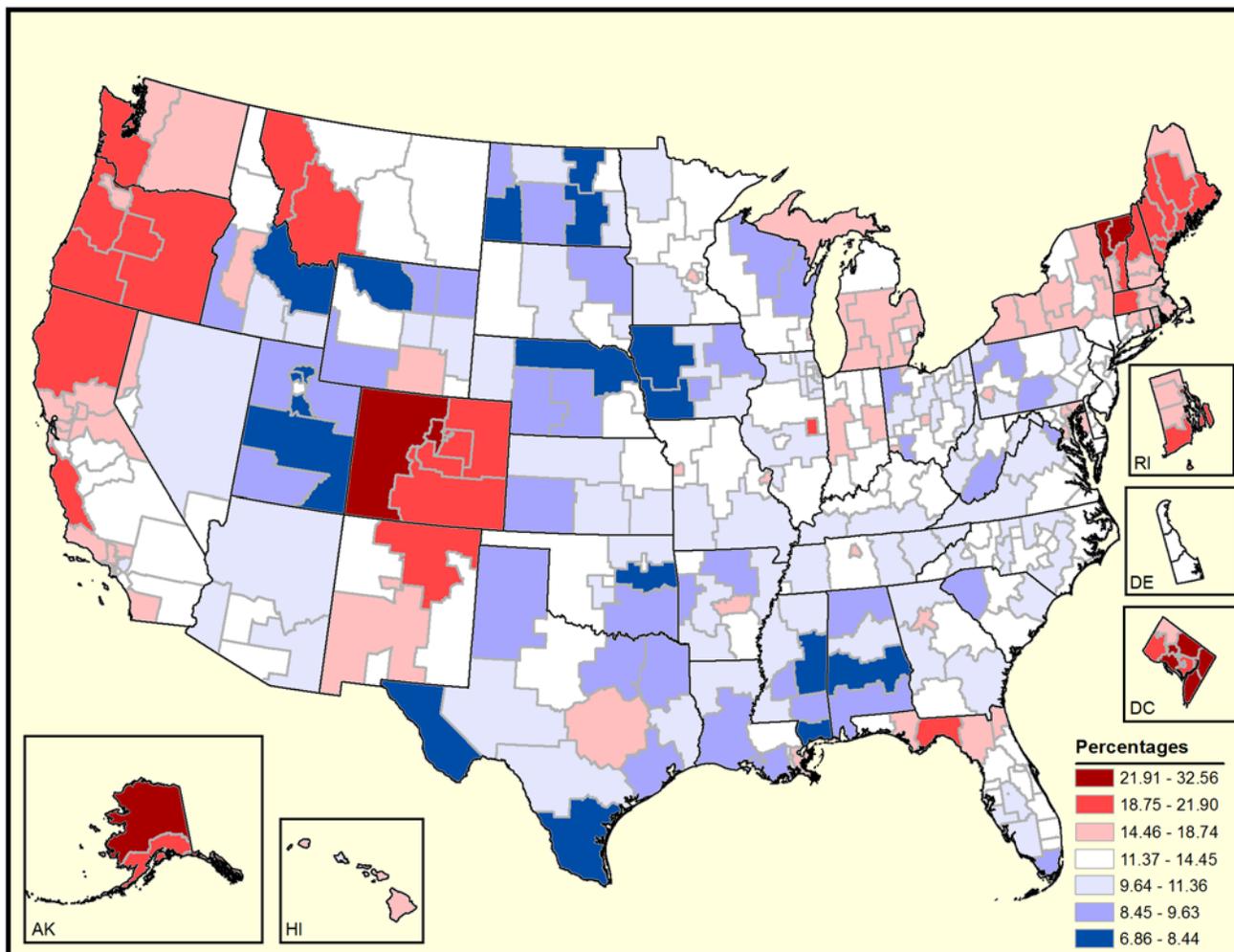
# 2014-2016 National Survey on Drug Use and Health National Maps of Prevalence Estimates, by Substate Region

The 15 national maps presented here show the 2014-2016 National Survey on Drug Use and Health (NSDUH) estimates for 395 substate regions that were ranked from lowest to highest for each measure and divided into seven categories (based on estimates rounded to two decimal places) that were designed to represent distributions that are somewhat symmetric, as in a normal distribution. Colors were assigned to all of the substate regions such that the third having the lowest prevalence are in blue (132 substate regions), the middle third are in white (131 substate regions), and the third with the highest prevalence are in red (132 substate regions). 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 18 substate regions with the highest estimates, (b) medium red for the 37 substate regions with the next highest estimates, and (c) light red for the 77 substate regions in the third highest group. The "lowest" third is categorized in a similar way using three distinct shades of blue (i.e., dark blue, medium blue, and light 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. The upper and lower limits of each of the seven categories shown in the map legend collectively define a continuum and are not necessarily the actual values of a particular substate region. For example, in [Figure 6](#) (a national map showing alcohol use in the past month among individuals aged 12 or older), the values on the boundary in the lowest category (group 1) correspond to Utah County in Utah (21.10 percent) and Salt Lake County in Utah (35.81 percent) and are displayed in the legend. In the next to lowest category, Region 2 in Mississippi (36.10 percent) and Region 3 in South Carolina (42.36 percent) are the substate regions with the lowest and highest values; however, in the continuum of the legend, the lower limit for group 2 was assigned a value of 35.82 percent because the upper limit of group 1 is 35.81 percent. Tables containing specific estimates for these substate regions are available on the 2014-2016 NSDUH substate web page at <https://www.samhsa.gov/data/>. Individual state maps containing enlarged images of these substate regions also are available.<sup>1</sup>

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<sup>1</sup> The substate regions within Los Angeles County, California, Cook County, Illinois, and New York City, New York, shown on the national maps also appear as enlarged images in the individual state maps for California, Illinois, and New York, respectively. Enlargements of specific substate regions other than for an entire state are unavailable in this set of 15 national maps.

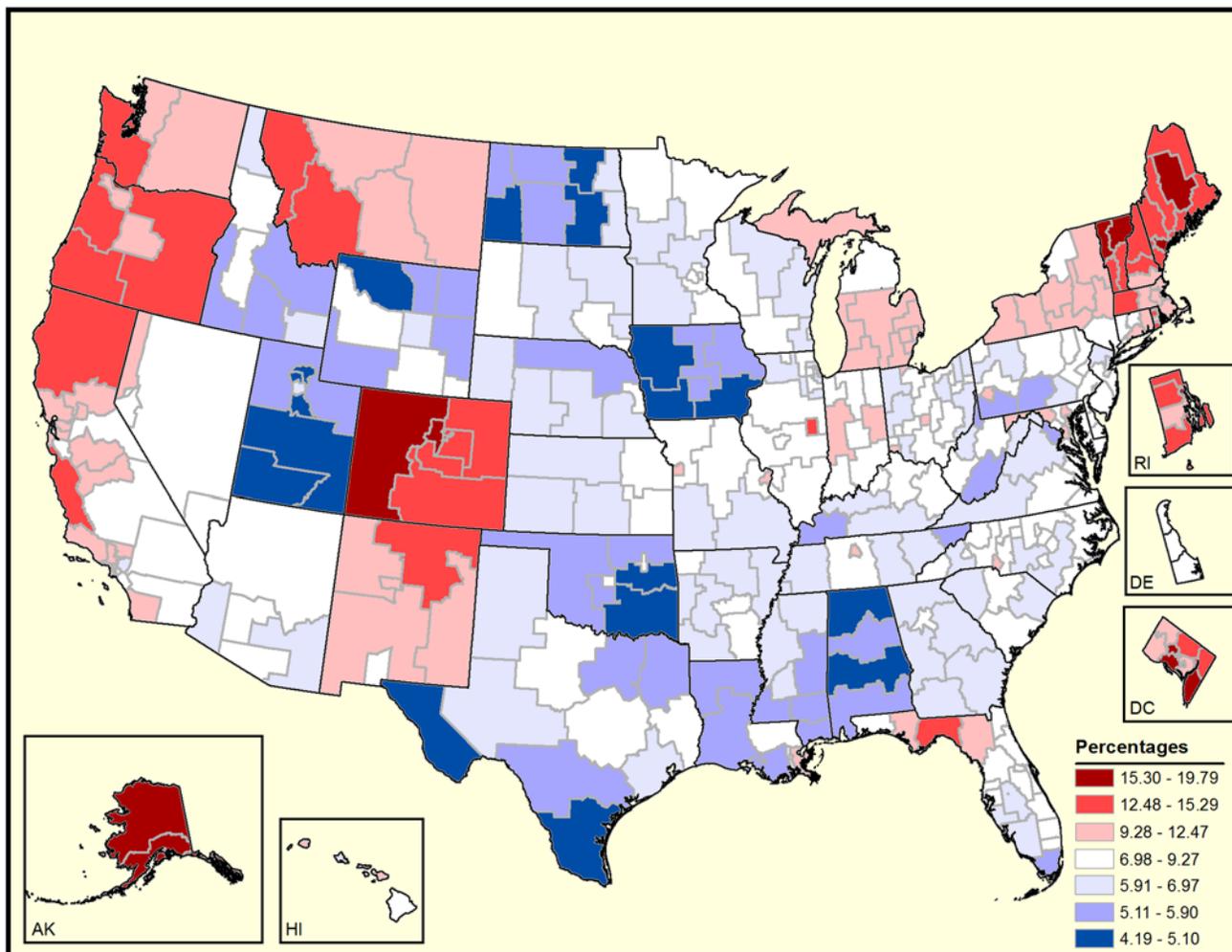
**Figure 1 Marijuana Use in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs**



NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

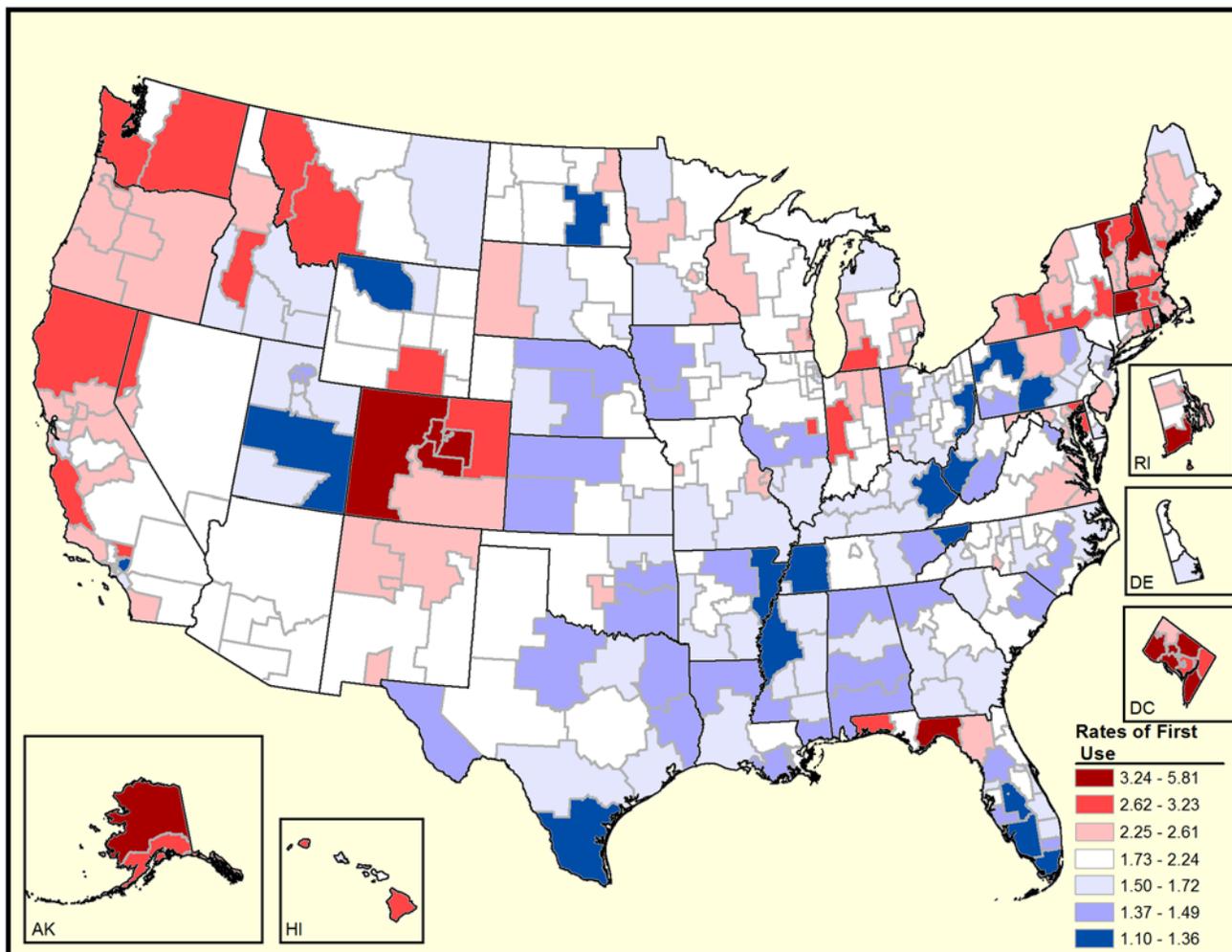
**Figure 2 Marijuana Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs**



NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

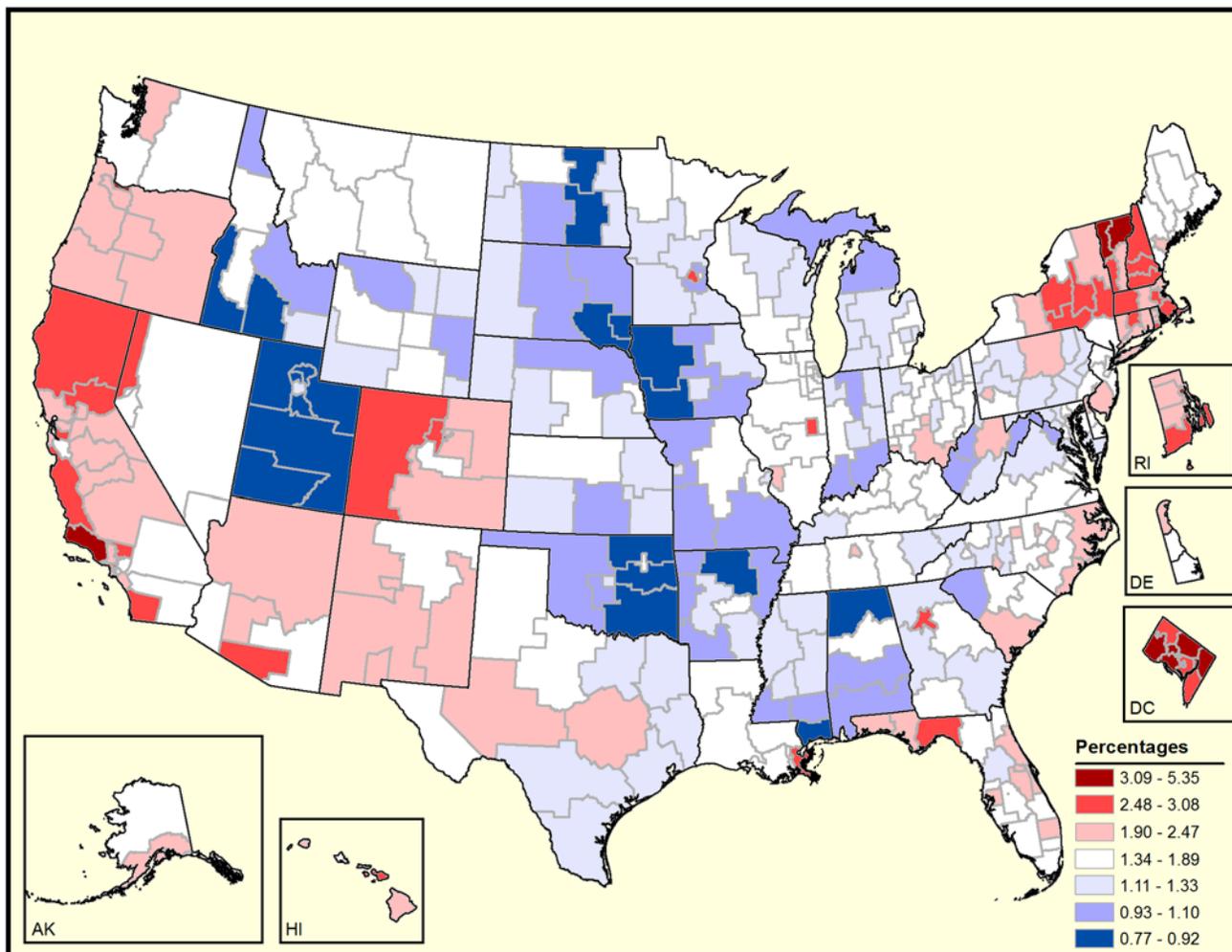
**Figure 3** *First Use of Marijuana* among Individuals Aged 12 or Older, by Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs



NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

**Figure 4 Cocaine Use in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs**

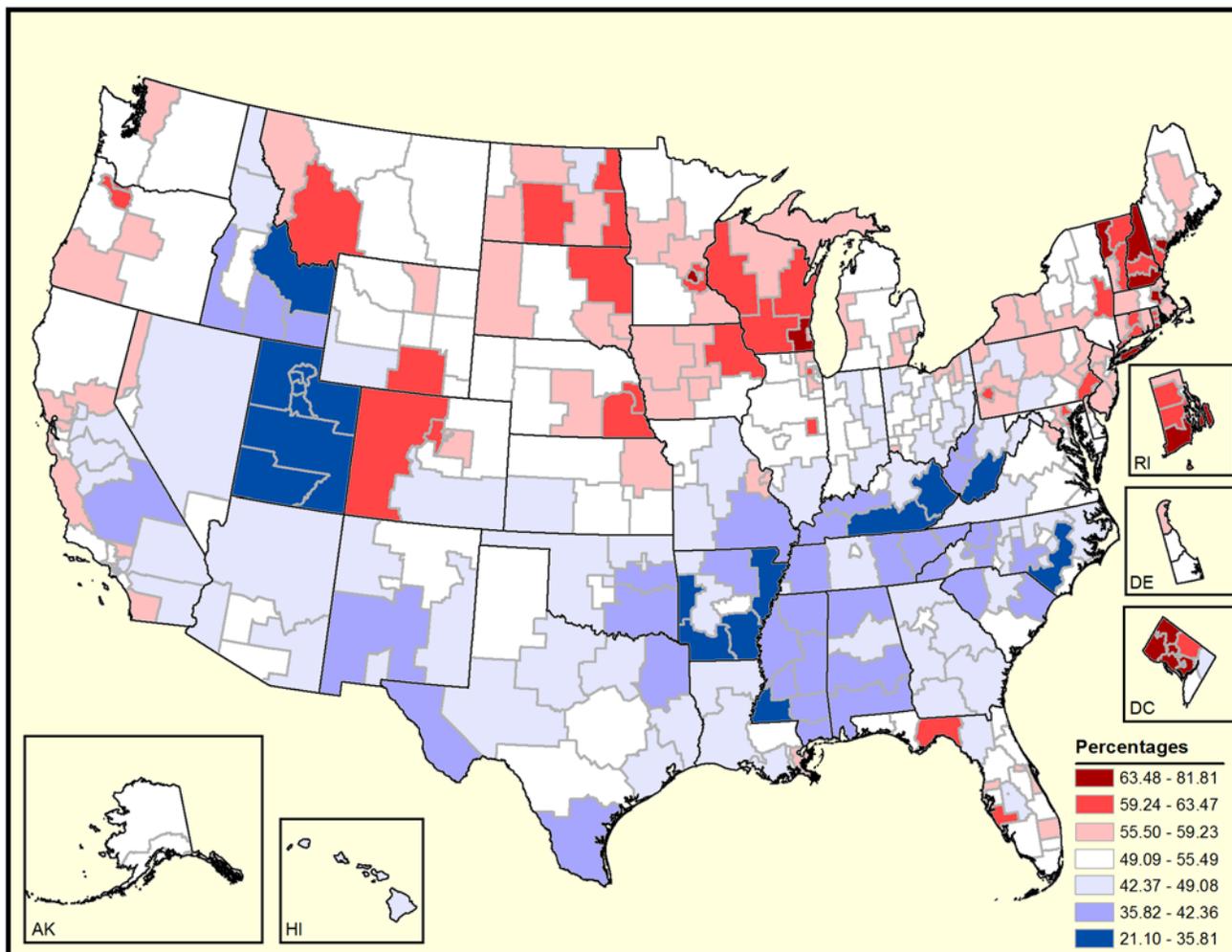


NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.



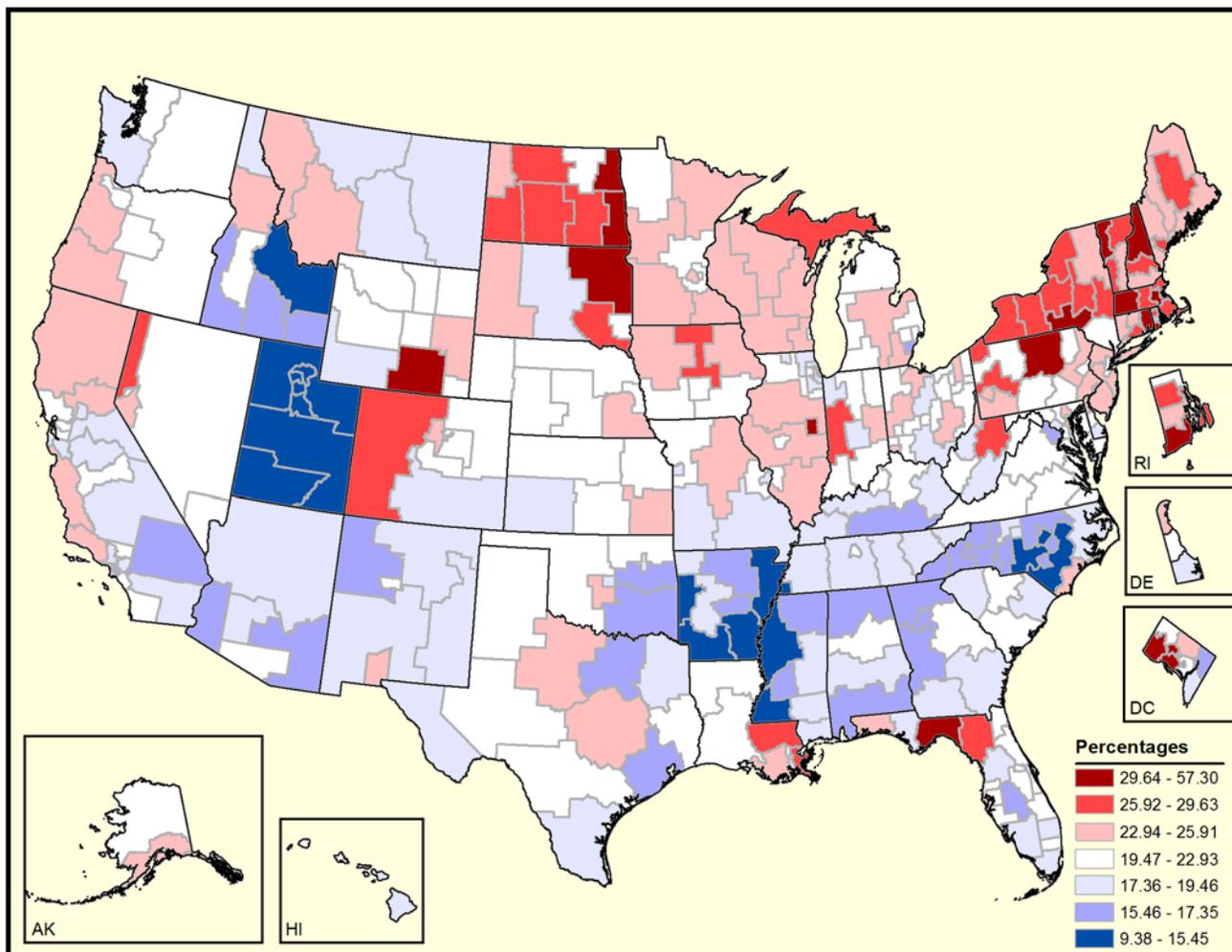
**Figure 6 Alcohol Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs**



NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

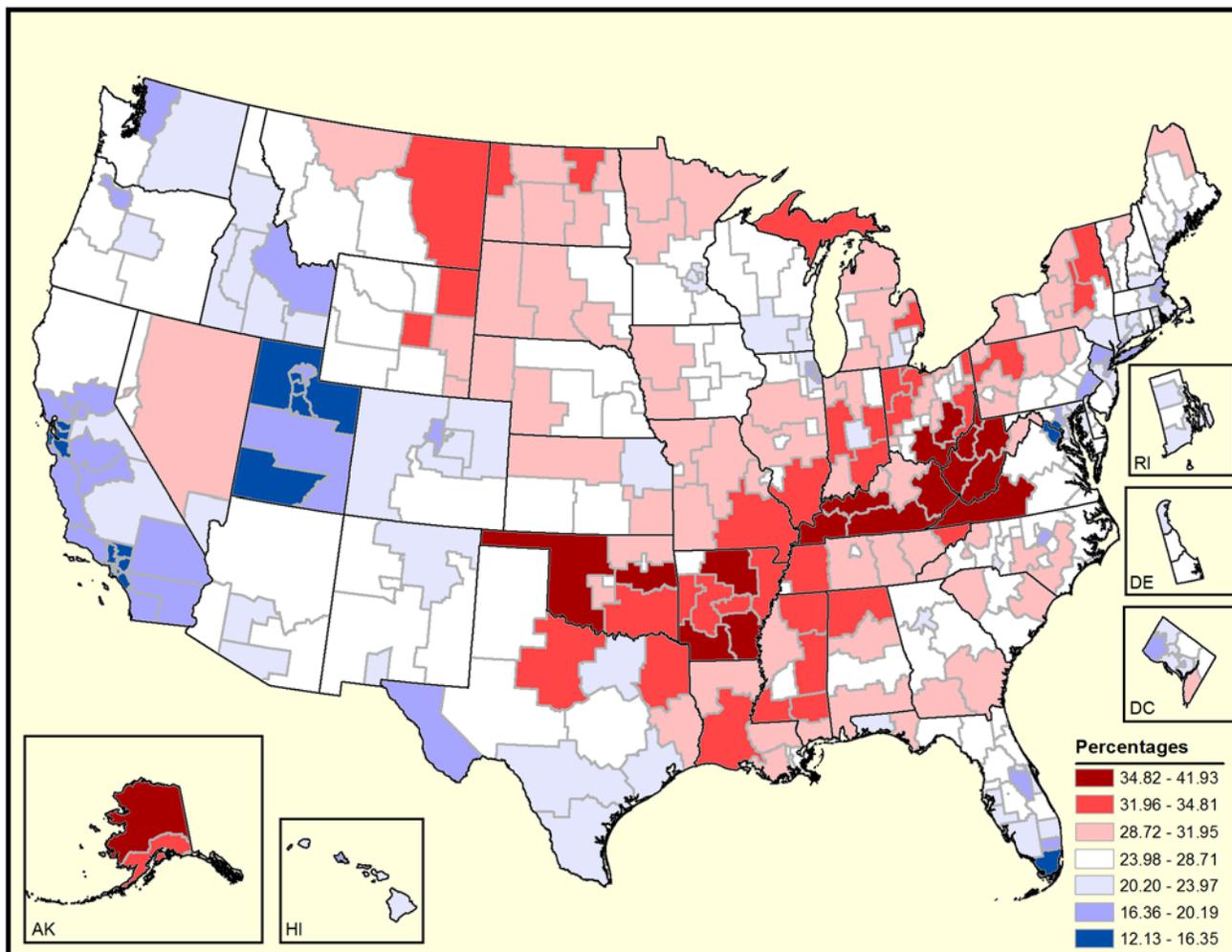
**Figure 7 Alcohol Use in the Past Month among Individuals Aged 12 to 20, by Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs**



NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

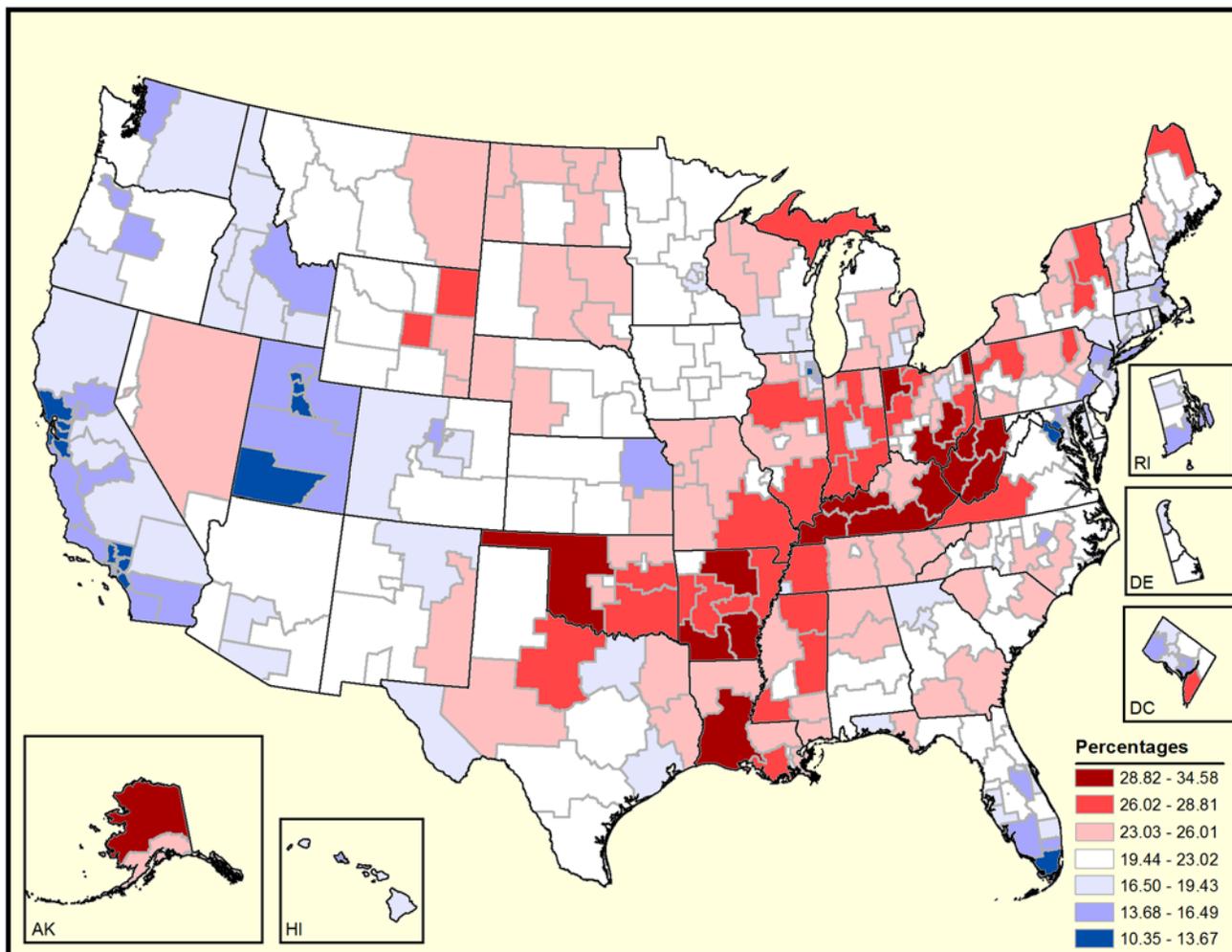
**Figure 8 Tobacco Product Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs**



NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

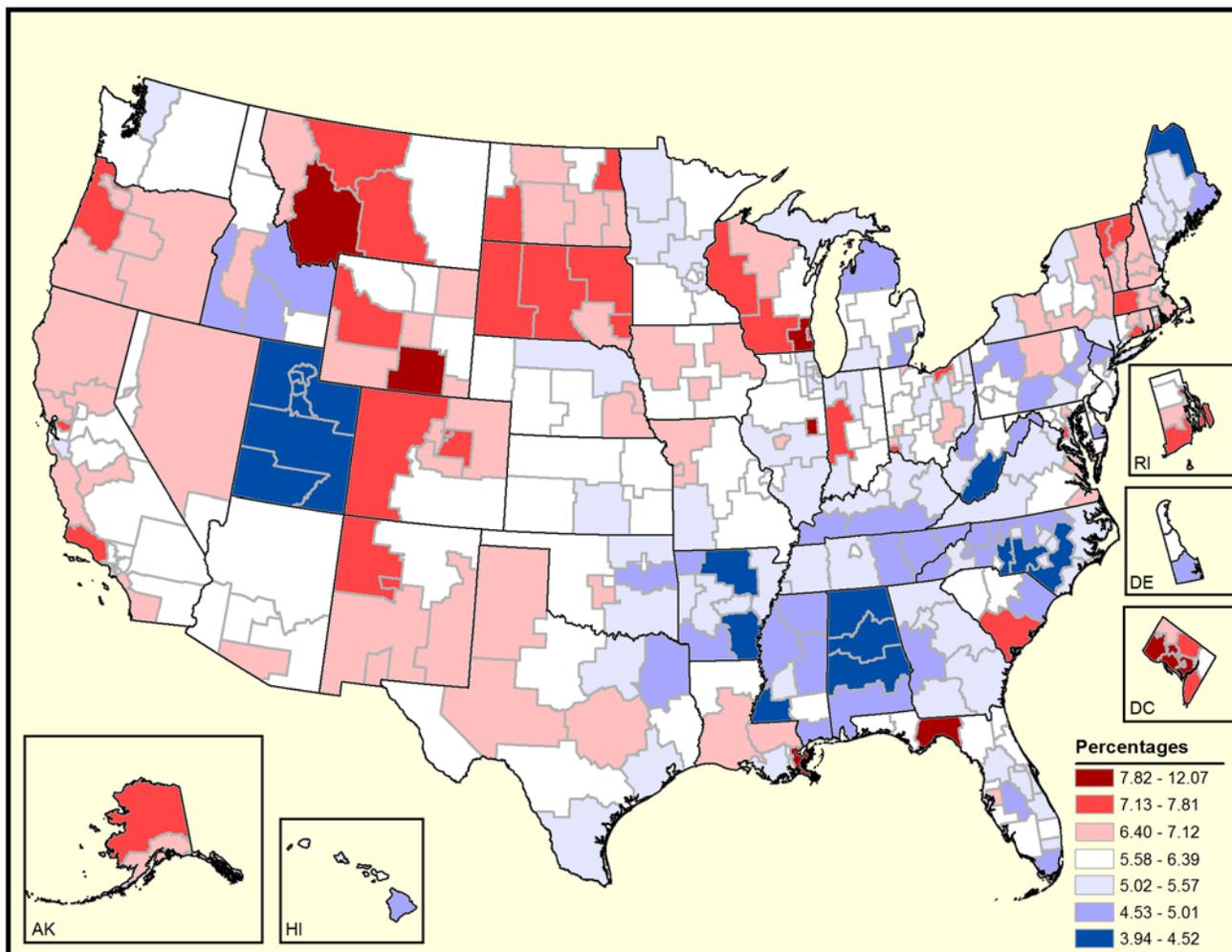
**Figure 9 Cigarette Use in the Past Month among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs**



NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

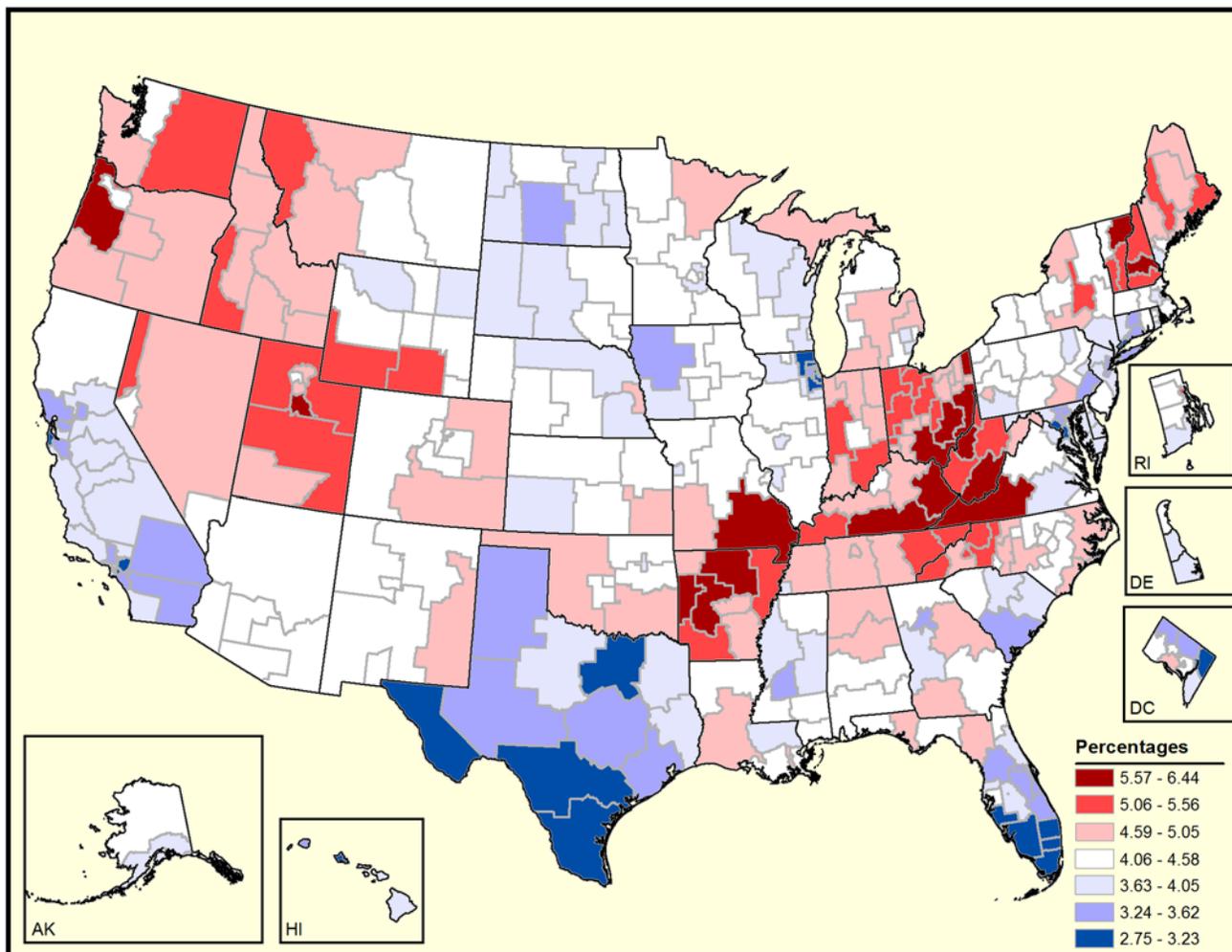
**Figure 10 Alcohol Use Disorder in the Past Year among Individuals Aged 12 or Older, by Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs**



NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

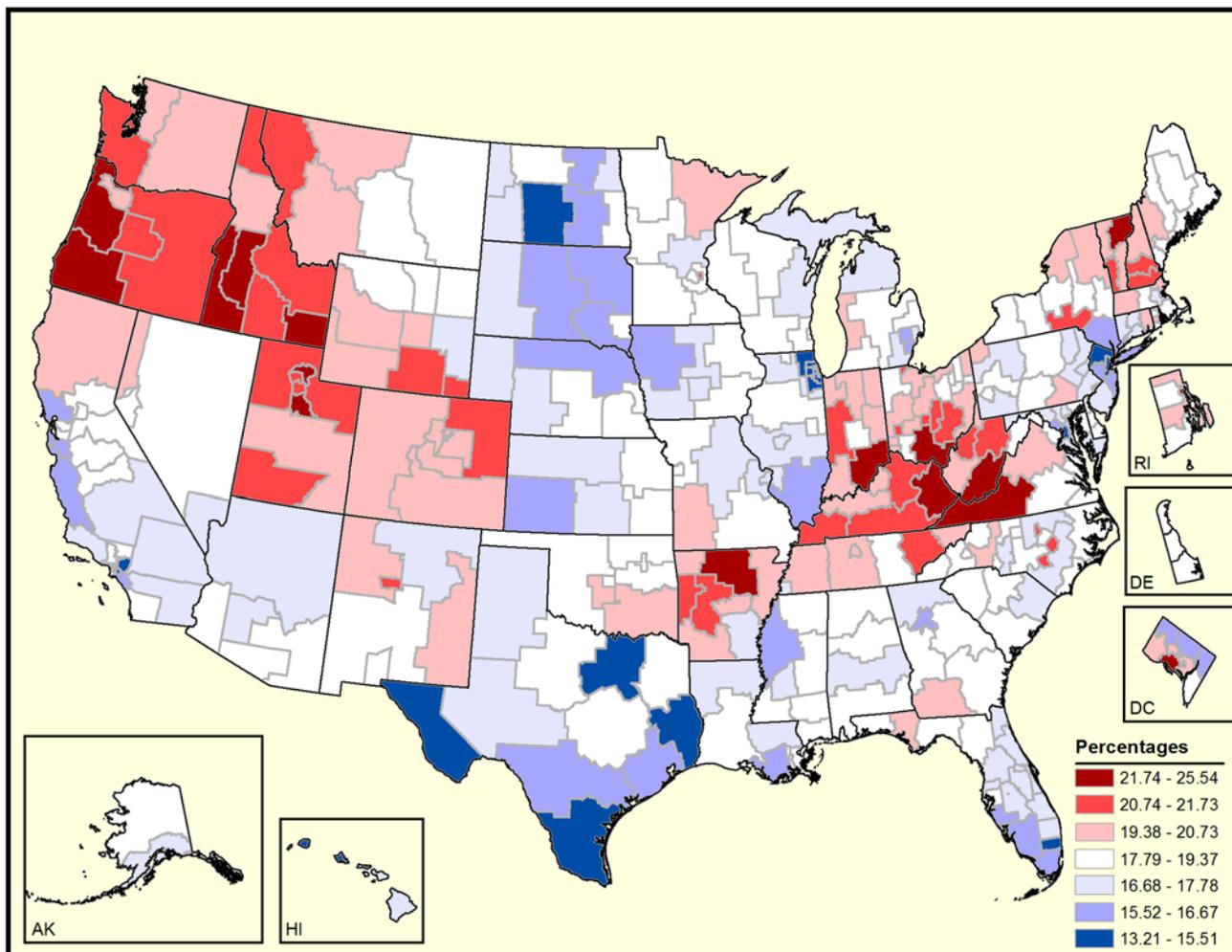
**Figure 11** *Serious Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs*



NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

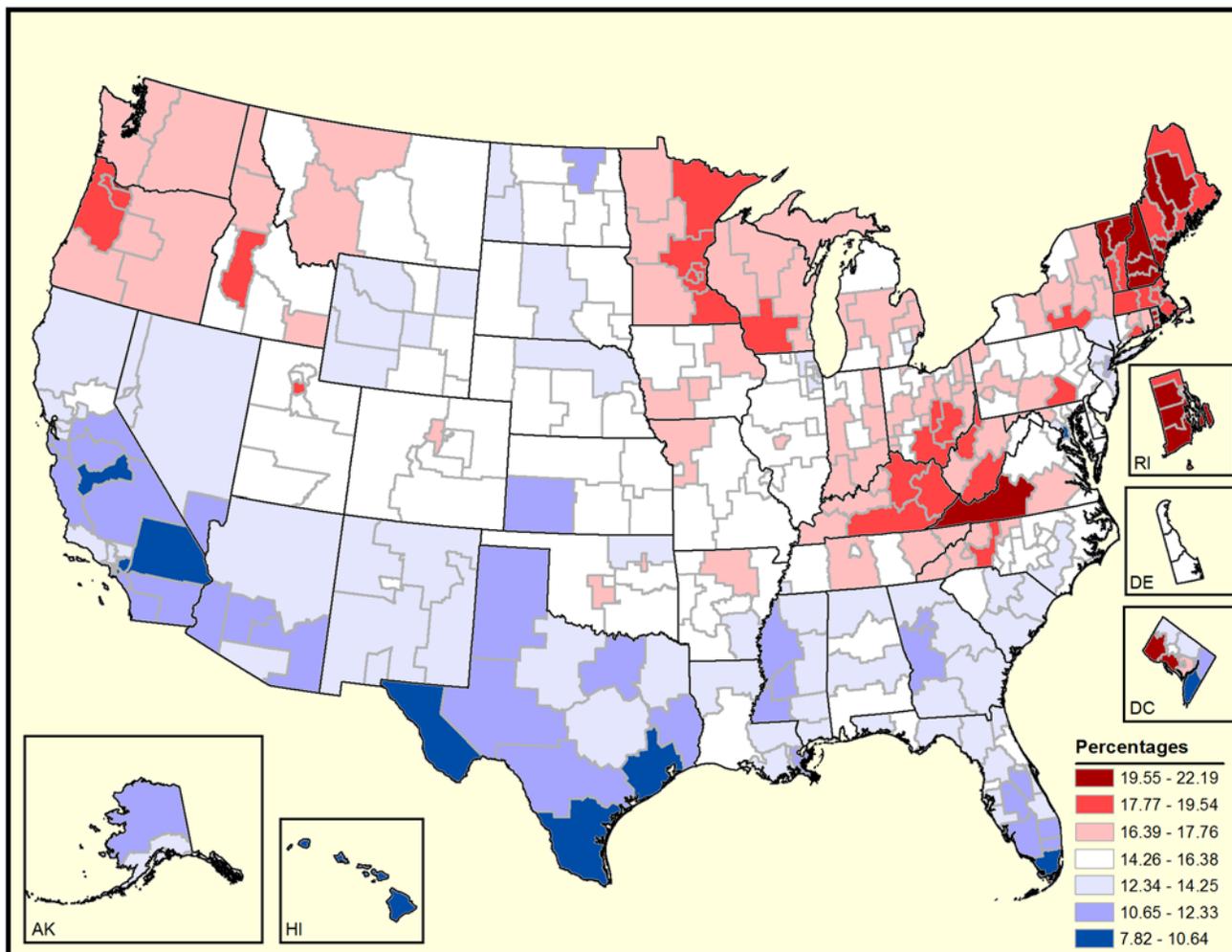
**Figure 12** *Any Mental Illness in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs*



NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

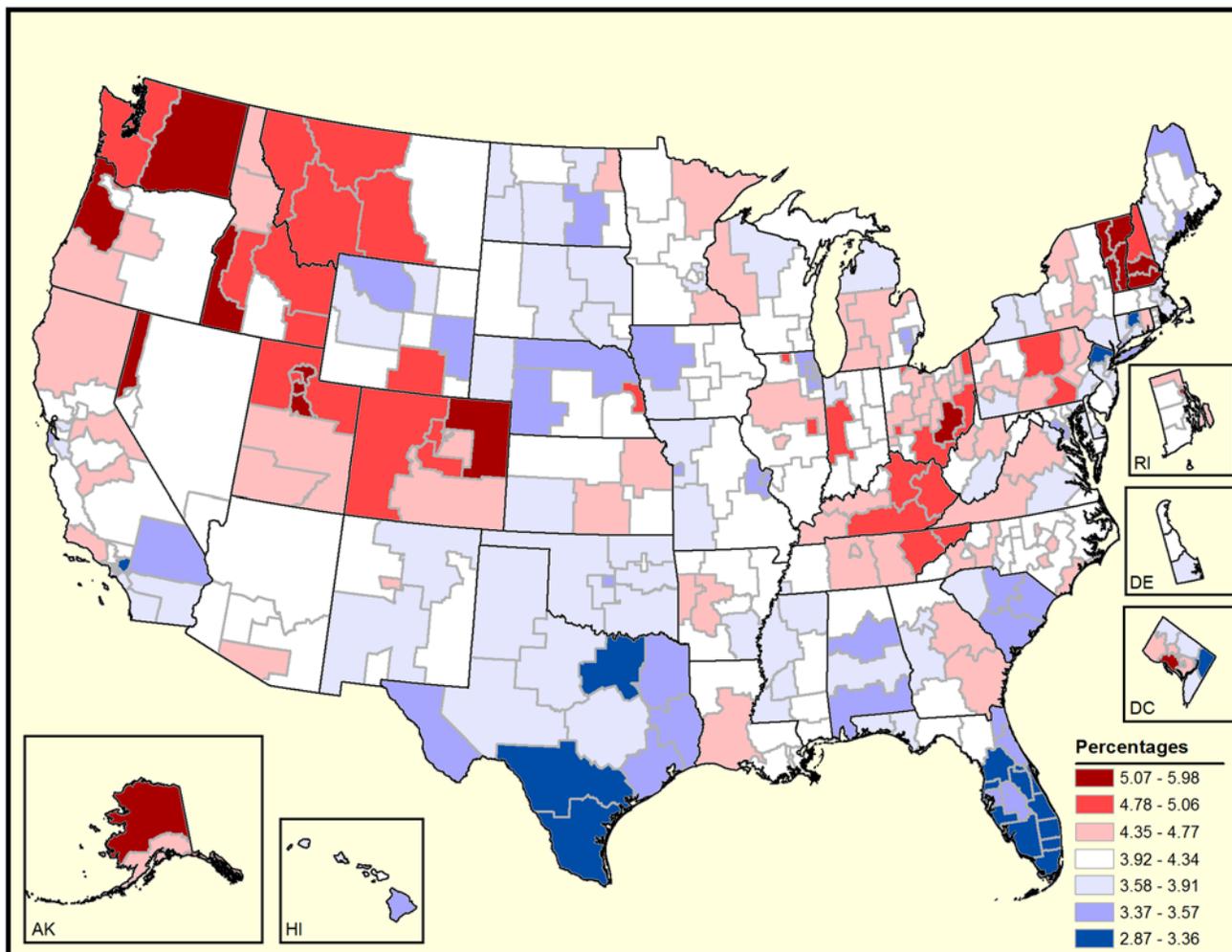
**Figure 13** *Received Mental Health Services in the Past Year* among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs



NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

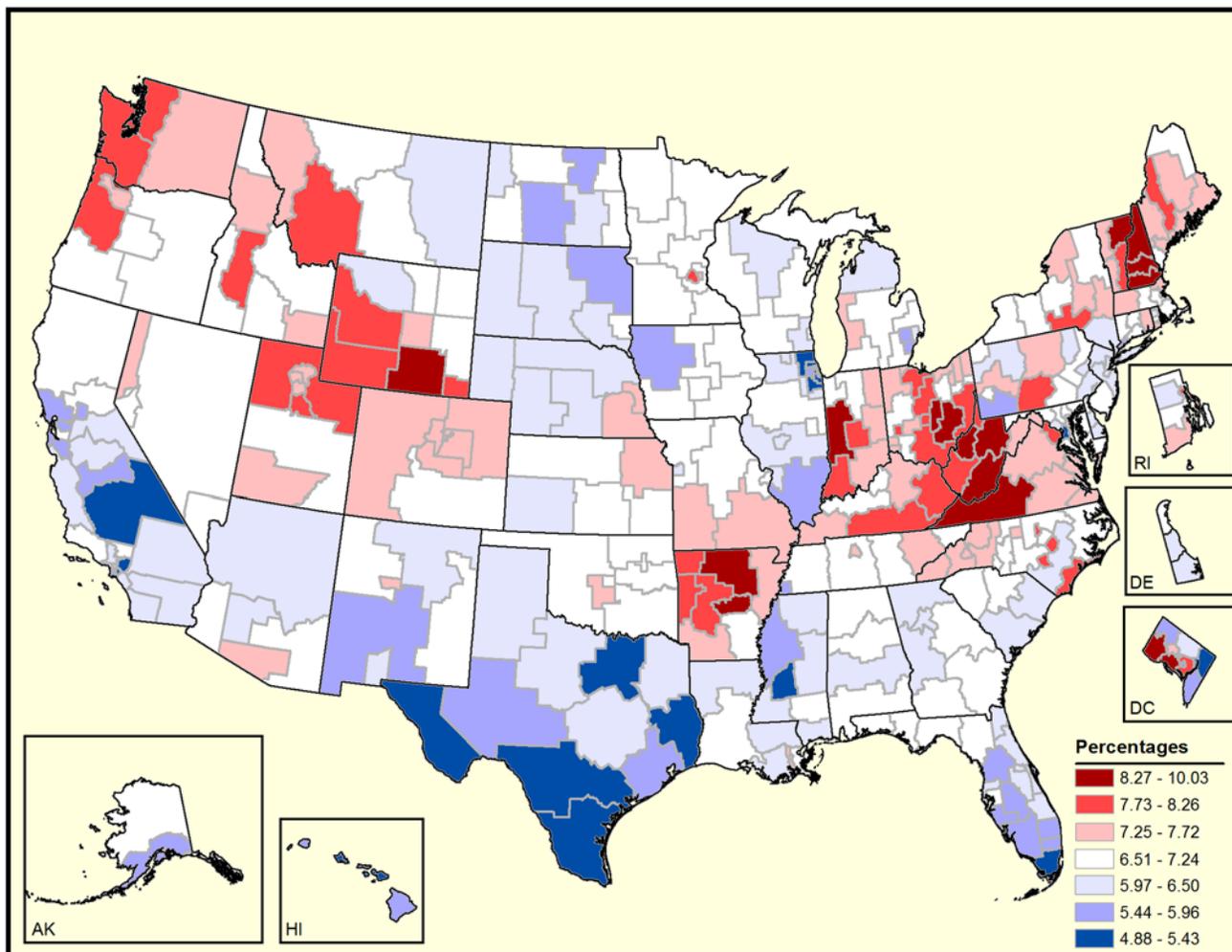
**Figure 14** *Had Serious Thoughts of Suicide in the Past Year* among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs



NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

**Figure 15 Major Depressive Episode in the Past Year among Adults Aged 18 or Older, by Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs**



NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.