

Maps of Selected Items from the 2010-2011 AISD Student Substance Use and Safety Survey: Student Tobacco, Alcohol, and Marijuana Use by ZIP Code and Campus of Enrollment

What question do these maps answer? The Student Substance Use and Safety Survey (SSUSS) is administered annually to a random, representative sample of AISD middle and high school students. The survey is used to track student knowledge, attitudes, self-reported behavior over time. In the spring of 2011 a sample of 8,480 students in grades 6-12 submitted valid responses to the SSUSS, yielding a response rate of 73%. The maps included in this report are a geographic representation of responses to a subset of items regarding students' recent use of the three most commonly reported used substances: tobacco, alcohol, and marijuana¹.

What specific data elements were used in the maps? The items of interest for these maps ask: "What is the most recent you have used...tobacco (e.g., cigarettes, cigars, chew, snus)?"; "What is the most recent you have used...alcohol (e.g., beer, wine, liquor)?"; and, "What is the most recent you have used... marijuana (e.g., pot, weed, joint, blunt)?" Students may choose from the following responses: "I never used/heard of it," "I used it more than a year ago," "I used it within the past year," or, "I used it within the past month." Responses are mapped separately for middle school and high school students because reported use of these substances is different between students of these two age groups. Students also self-report their residential ZIP code and their current school.

What is the purpose of creating these maps? The frequency of student responses to the substance use items are represented on the maps both as a percentage of responses from within each ZIP code, and also as a percentage of respondents at each campus. This provides information about student reported substance use within both the neighborhood and the campus contexts.

What was the methodology used? Based on state and national survey benchmarks which utilize the percentage of students who report that their most recent use was within the past month, this is the response that was mapped in the ZIP code layer of the maps. Although the range of percentages of students who indicated that they used a substance within the past month differed by substance, the classifications (i.e., color coded ranges of percentages of students) were standardized across all maps to allow for easy comparisons between substances and between school levels. The majority of students attend schools in their neighborhoods, but many do not. For this reason, and because campus culture may also contribute to attitudes, knowledge, and behavior, the maps also include pie charts (placed at school locations) representing student responses by school. This combined ZIP code and school presentation displays a more complex perspective of students' reports regarding substance use.

<u>Included Maps</u>	
Page 2.	High Schools: Percentage of students self-reporting tobacco use
Page 3.	High Schools: Percentage of students self-reporting alcohol use
Page 4.	High Schools: Percentage of students self-reporting marijuana use
Page 5.	Middle Schools: Percentage of students self-reporting tobacco use
Page 6.	Middle Schools: Percentage of students self-reporting alcohol use
Page 7.	Middle Schools: Percentage of students self-reporting marijuana use

¹ For complete results of the 2010-2011 Student Substance Use and Safety Survey, please see the district report at http://www.austinisd.org/sites/default/files/dre-surveys/District-SSUSS_2011.pdf, or find individual campus reports at <http://www.austinisd.org/dre/surveys/2010-2011/2010-2011-student-substance-use-and-safety-survey>











