

Youth Risk Behavior Survey

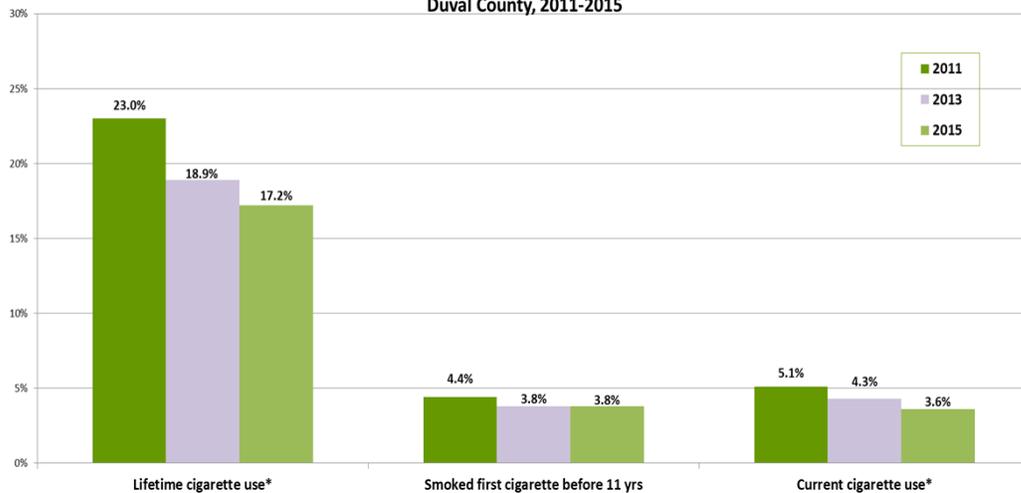


DUVAL COUNTY MIDDLE SCHOOL STUDENTS 2015

Alcohol, Tobacco, and Other Drug Behaviors

The Youth Risk Behavior Survey (YRBS) is a self-administered, school-based, confidential, and anonymous survey that was conducted in Duval County Public Schools during the spring of 2009, 2011, 2013, and 2015. This is part of a national effort by the Centers for Disease Control and Prevention (CDC) to obtain information pertaining to youth health behaviors that contribute to the leading causes of death and disability among youth and adults. These include: 1) behaviors that contribute to unintentional injuries and violence, 2) sexual behaviors that contribute to unintended pregnancies and STDs, 3) alcohol and other drug use, 4) tobacco use, 5) unhealthy dietary behaviors, and 6) inadequate physical activity. In 2015, 4,533 students from 28 Duval County public middle schools provided data for the YRBS.

Middle School Student (6th-8th Grade) Tobacco Behavior by Year
Duval County, 2011-2015



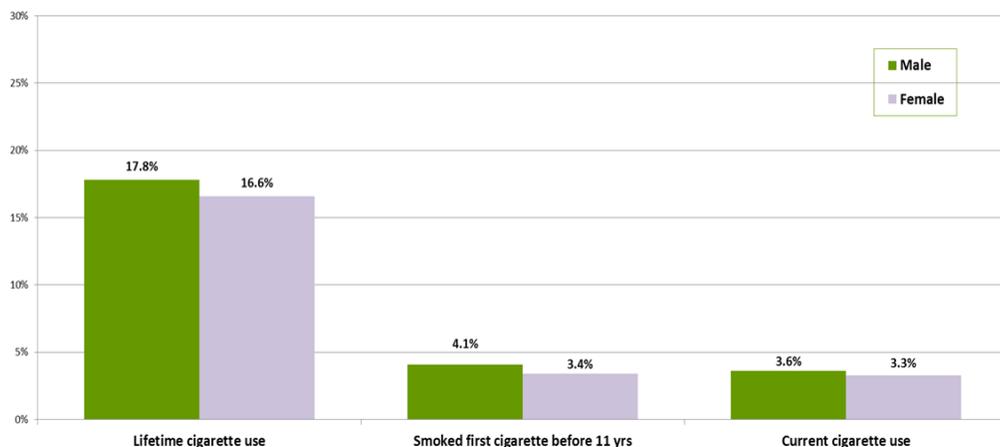
Duval County has seen a dramatic decline in cigarette use. For middle school students, lifetime use declined by 25% from 2011 to 2015 and current cigarette use (past 30 days) declined by 29% during this time period. Still, on the 2015 survey, over 1 in 6 middle school students reported lifetime cigarette use and 1 in 28 reported current cigarette use.

Tobacco use at an early age often leads to long term use. The rate of cigarette use before age 11 has not changed since 2013 and 1 in 26 students reported trying cigarettes before turning age 11.

On the 2015 survey, current cigarette use was not statistically different for male versus female students. In contrast, more male students reported cigarette use in high school than female students.

For both male and female middle school students, current cigarette use was fewer than 1 in 28. By high school, current cigarette use increased by 103% for male students and increased by 88% for female students.

Middle School Student (6th-8th Grade) Tobacco Behavior by Gender
Duval County, 2015



Note: * indicates statistical difference 2015 vs. 2011

Additional Data

- Approximately 1 in 13 middle school students bought their own cigarettes at a store or gas station.
- Current cigarette use doubles between middle (3.6%) and high school (7.1%).

Duval County Health Zones (HZ)

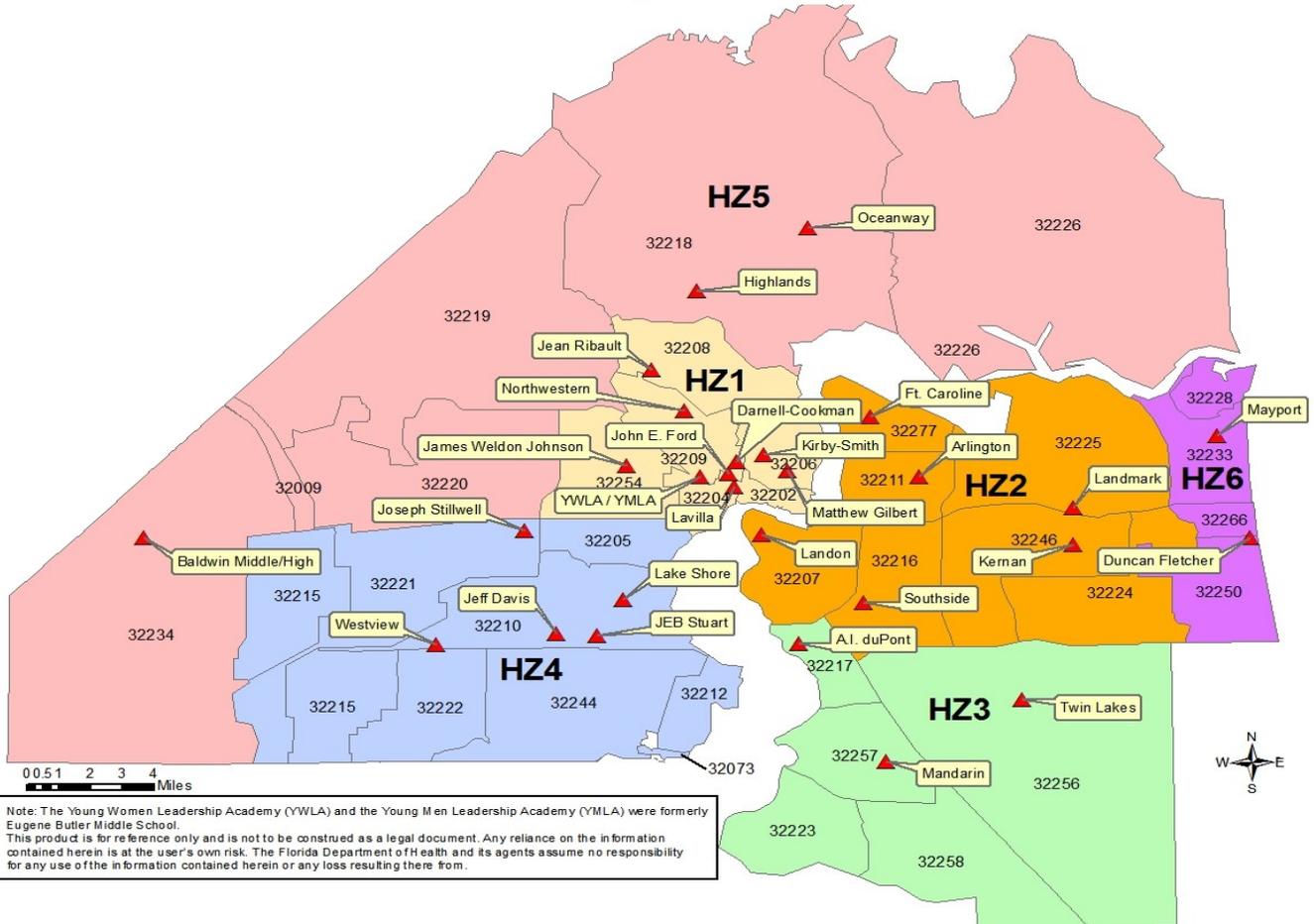
Duval County is located on the northeast coast of Florida and is comprised of urban, suburban, and pockets of rural areas. The County is divided into six Health Zones (HZ) which differ in terms of demographics, socio-economic factors, and health outcomes. The HZs are based on mutually exclusive zip codes tied to county organization and demographics. The geographic analysis of the YRBS data informs data-driven decision-making and policy changes, a targeted approach to programming, and effective allocation of resources. In the 2015 YRBS reports, HZ data was determined using the zip code of the school that students attended, rather than students' home zip code. Therefore, the HZ analyses in the 2015 YRBS reports are not comparable to the HZ data in prior YRBS reports.

HZ1 was lowest for lifetime cigarette use (12.4%), as well as current use of cigarettes (1.8%), electronic vapor products (5.0%), and tobacco (8.4%). Over 1 in 4 students have tried alcohol and more than 1 in 10 had their first drink of alcohol before age 11. HZ1 was lowest for marijuana use before age 11 (2.1%) and lifetime synthetic use (3.1%). HZ1 had the most students reporting that their parents/family would disapprove if they smoked marijuana (82.4%).

HZ2 had the most students that reported buying cigarettes from a store or gas station (13.8%), and nearly 1 in 22 students reported current cigarette use. Over 1 in 4 students have tried alcohol, with 1 in 8 had their first drink before age 11. HZ2 had the most students that took prescription drugs without a doctor's prescription (9.3%). One in 7 students have tried marijuana and more than 3 in 4 reported that their parents/family would disapprove if they smoked marijuana.

HZ3 had the most students that have tried electronic vapor products (30.6%) and over 1 in 6 reported current use. HZ3 had the fewest students that smoked cigarettes before age 11 (2.5%). HZ3 is also lowest for lifetime alcohol use (26.6%) and lifetime marijuana use (10.9%). One in 12 students reported inhalant use before age 11. HZ3 was second highest for students reporting that their parents/family would disapprove if they smoked marijuana (80.3%).

Location of Duval County Public Middle Schools



HZ4 was second highest for lifetime cigarette use (20.7%), with 1 in 20 students having their first cigarette before age 11. More than 1 in 3 students reported lifetime alcohol use, with nearly 1 in 7 having their first drink before age 11. HZ4 had the fewest students reporting that their parents/family would disapprove if they smoked marijuana (73.8%) and the most students that reported lifetime marijuana use (17.7%). HZ4 was lowest for inhalant usage before age 11 (7.3%).

HZ5 was highest for lifetime cigarette use (23.5%), current cigarette use (5.6%), and cigarette use before age 11 (6.2%). HZ5 had the most students that reported lifetime alcohol use (38.1%), lifetime synthetic use (6.7%), and current electronic vapor product use (13.9%). Before age 11, more students in HZ5 have tried alcohol (16.6%), inhalants (11.1%), and marijuana (6.0%) than teens in other HZs. HZ5 had the fewest students that took prescription drugs without a doctor's prescription (5.9%).

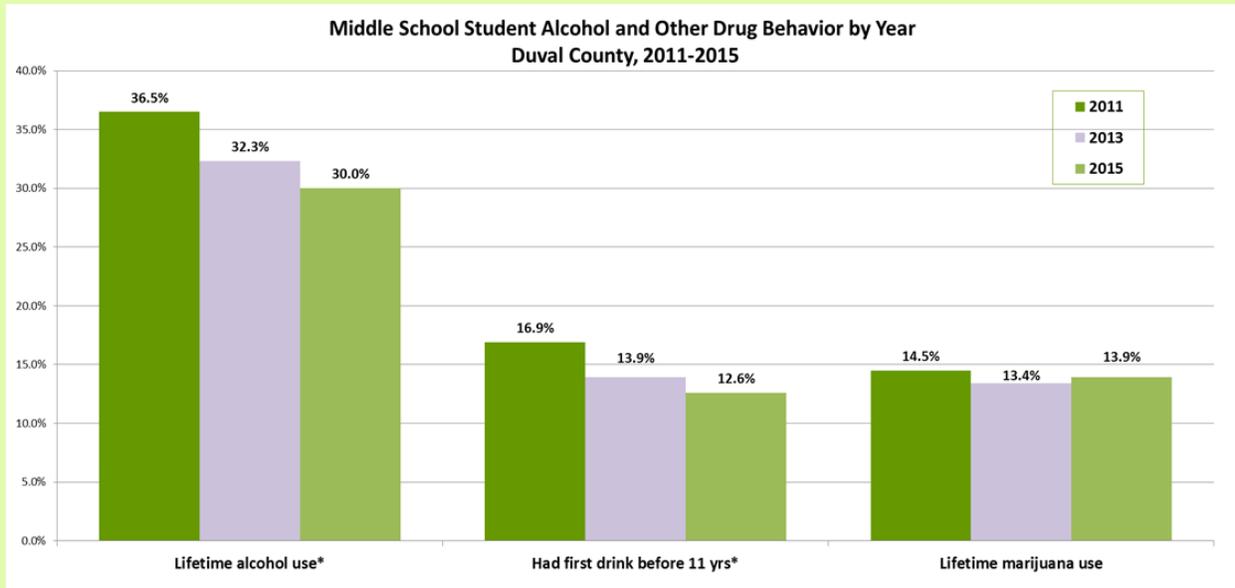
HZ6 was second highest for the number of students that tried alcohol (14.1%), inhalants (10.1%), and marijuana (5.2%) before age 11. One in 8 students took prescription drugs without a doctor's prescription, 1 in 15 students have used synthetics, and 1 in 4 students have used an electronic vapor product. Nearly 1 in 6 students reported lifetime marijuana use and more than 3 in 4 students reported that their parents/family would disapprove if they smoked marijuana.

Risk	HZ1	HZ2	HZ3	HZ4	HZ5	HZ6	Duval County
Tobacco							
Lifetime cigarette use	12.4%	18.0%	18.8%	20.7% ¹	23.5% ¹	14.4% ⁵	17.2% ⁵
Smoked a whole cigarette before age 11 years	2.8% ⁵	4%	2.5%	4.9%	6.2%	3.8%	3.8%
Currently cigarette use*	1.8%	4.4%	3.0%	4.6% ¹	5.6% ¹	3.7%	3.6% ¹
Current smokers that usually got their cigarettes by buying them at a store or gas station*	12% ^{3,4}	13.8% ^{3,4}	0.0%	0.0%	1.9% ^{3,4}	6.4% ^{3,4}	7.5% ^{3,4}
Lifetime electronic vapor product use	16.5%	25.8% ¹	30.6% ¹	22.4%	28.5% ¹	25% ¹	23.4% ^{1,3}
Current electronic vapor product use*	5.0%	13.3% ¹	13.2% ¹	11.7% ¹	13.9% ¹	11.9% ¹	10.6% ¹
Current tobacco use*	8.4%	18.7% ¹	17.4% ¹	19.3% ¹	22.6% ¹	16.5% ¹	15.9% ^{1,5}
Alcohol							
Lifetime alcohol use	27.9%	28.4%	26.6% ⁵	33.7%	38.1%	29.1%	30.0% ⁵
Had first drink of alcohol before age 11 years	10.1% ⁵	13.0%	12.5%	13.1%	16.6%	14.1%	12.6%
Other Drug Use							
Lifetime marijuana use	12.0%	13.9%	10.9%	17.7%	15.5%	15.9%	13.9%
Tried marijuana before age 11 years	2.1%	4.6% ¹	2.5% ⁵	3.6%	6.0% ¹	5.2% ¹	3.7%
Lifetime prescription drug use without a doctor's prescription	6.1%	9.3%	6.1%	7.8%	5.9%	8.7%	7.3%
Lifetime inhalant use before age 11 years	8.2%	8.4%	8.1%	7.3%	11.1%	10.1%	8.6%
Lifetime synthetic use	3.1%	5.3%	4.4%	4.8%	6.7% ¹	6.4% ¹	4.7%
Parents or other adults in their family would disapprove of the use of marijuana	82.4%	77.4%	80.3%	73.8%	75.2%	78.2%	78.5%

Notes: Electronic vapor products = Includes e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens; Inhalants = Includes sniffing glue, breathing the contents of aerosol spray cans, or inhaling any paints or sprays to get high; Synthetics = Includes K2, Spice, fake weed, King Kong, Yucatan Fire, and Moon Rocks. * = During the 30 days before the survey. The superscript number refers to a specific Health Zone (i.e., superscript 1 refers to Health Zone 1) and indicates that the data for that Health Zone is statistically significantly different from data for the reference Health Zone.

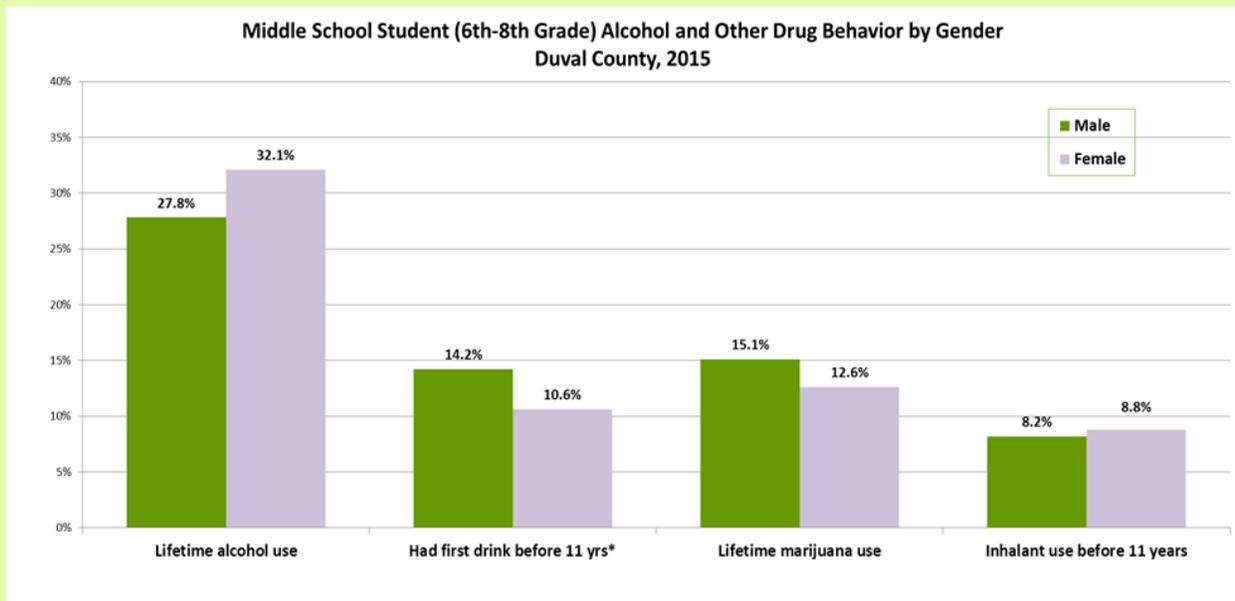
Comparison analysis by County, State and Nation are provided by CDC (See YRBS methodology at www.CDC.gov). Comparisons by Health Zone is provided by the Florida Department of Health in Duval County (see YRBS methodology at <http://duval.floridahealth.gov/programs-and-services/community-health-planning-and-statistics/youth-risk-behavior-survey/index.html>).

Middle School Drug Use in Duval



From 2011 to 2015, lifetime alcohol use among Duval County middle school students decreased by 18%. On the 2015 survey, 1 in 8 students reported consuming their first drink of alcohol before age 11, a 25% decrease since 2011. More female students (32.1%) reported lifetime alcohol use on the 2015 survey than male students (27.8%), which is concerning because this trend continues into high school. Lifetime alcohol use has declined among both male and female students from 2011 to 2015.

Lifetime marijuana use has remained relatively stable since 2011. On the 2015 survey, nearly 1 in 7 students reported lifetime marijuana use, and lifetime marijuana use is higher among males students (15.1%) than females students (12.6%). Lifetime synthetic use was also more common among male students (5.2%) than female students (4.0%). Inhalant use before age 11 was slightly higher among female students (8.8%) than male students (8.2%). By high school, this trend reverses with more males (13.1%) reporting inhalant use than females (11.0%).



Note: * indicates statistical difference 2015 vs. 2011 or statistical difference Males vs. Females.

Additional Data

- From 2013 to 2015, marijuana use increased 4% among middle school students. By high school, marijuana use dramatically increases with 1 in 4 high school students reporting current marijuana use.
- Although alcohol use is declining, 1 in 3 middle school students (ages 11 to 14) reported lifetime alcohol use.