

# 2007 Broward County Public High School YOUTH RISK BEHAVIOR SURVEY RESULTS

*Unintentional Injuries and Violence • Tobacco, Alcohol and Other Drug Use • Sexual Risk Behaviors • Dietary Behaviors • Physical Activity*



**Broward County Public Schools • Student Support Services, Broward County, FL**



# YOUTH RISK BEHAVIOR SURVEY (YRBS)

## RESULTS

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# YOUTH RISK BEHAVIOR SURVEY SUMMARY

The Youth Risk Behavior Survey (YRBS) was completed by 1,347 students in 25 public high schools in Broward County, Florida during the spring of 2007. The school response rate was 89%, the student response rate was 78% and the overall response rate was 70%. The results are representative of all students in grades 9-12 in Broward County, Florida.

Students completed a self-administered, anonymous 87-item questionnaire. Survey procedures were designed to protect the privacy of students by allowing for anonymous and voluntary participation. Local parent permission procedures were followed before survey administration.

The weighted demographic characteristics of the sample are as follow:

Female.....	49.4%
Male.....	50.6%

9th grade.....	28.4%
10th grade.....	26.1%
11th grade.....	23.8%
12th grade.....	21.6%
Other.....	0.1%

Black* .....	36.5%
Hispanic/Latino.....	24.4%
White*.....	33.8%
All other races .....	3.8%
Multiple races.....	1.0%
*(Non-Hispanic)	



## YOUTH RISK BEHAVIOR SURVEY SUMMARY

The Youth Risk Behavior Survey (YRBS) was developed by the Division of Adolescent and School Health, National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention (CDC), in collaboration with over 800 representatives from state and local health and education agencies and other federal agencies to monitor priority health-risk behaviors that contribute to the leading causes of mortality, morbidity and social problems among youth and adults in the United States. Their behaviors fall into six categories.

- Behaviors that result in unintentional injuries and violence
- Tobacco use
- Alcohol and other drug use
- Sexual behaviors that result in HIV infection
- Sexually transmitted diseases (STDs), and unintended pregnancies;
- Dietary behaviors
- Physical activity

A limited number of health-risk behaviors contribute to the leading causes of mortality, morbidity, and social problems. To determine the level of risk among adolescents, priority health-risk behaviors must be measured directly. Measuring only relevant knowledge, attitudes, beliefs, intentions or other determinants of health-risk behaviors will not provide an accurate description of the level of risk because the relationship between these factors and the priority health-risk behaviors themselves often is weak, unproven, or varies substantially by subgroup. For example, though most people know that smoking causes lung cancer, many people still continue to smoke. The causes and determinants of health risk behaviors are very complex.



## YOUTH RISK BEHAVIOR SURVEY SUMMARY

Students are exposed regularly to information about tobacco, alcohol, and other drug use, violence, and sexuality through the media, parents, friends, and community organizations.

The YRBS measures these topics. Responding to a small number of questions on any topic is not likely to cause significant changes in behavior, either good or bad.

Whenever possible, questions have been selected that have been successfully answered in their school-based surveys of high school students. Evidence from previous surveys indicated that high school students can understand and appropriately respond to the questions. Health experts in their respective fields, with the national health objectives in mind, developed the questions.

Extensive focus group and field test work was conducted on the questionnaire. A review of student responses led to recommendations for improving the working of questions, setting recall periods, and identifying response options. The field testing also sought to identify survey conditions that would encourage honest responses.

CDC also has conducted two studies assessing the test-retest reliability of the questions on the YRB. These studies demonstrated that the majority of items have substantial reliability. Results of the second study were used to improve the current questionnaire.

This and other research indicated sensitive data may be gathered as reliability from adolescents as from adults. However, to obtain truthful answers, students must perceive the survey as important and know that procedures have been developed to protect their privacy and allow for anonymous participation.

More information about the Youth Risk Behavior Surveillance System can be obtained from <http://www.cdc.gov/yrbs>.



## TREND ANALYSIS REPORT



### *Behaviors That Contribute To Unintentional Injuries And Violence*

QUESTIONS	Prevalence - Survey Year			
	2001	2003	2005	2007
Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet	89.2	88.9	88.8	88.8
Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else	10.3	11.9	10.0	11.0
Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol	27.5	24.7	23.7	24.1
Percentage of students who drove a car or other vehicle one or more times during the past 30 days when they were drinking alcohol	10.8	8.7	8.8	9.2
Percentage of students who carried a weapon such as a gun, knife, or club on one or more of the past 30 days.	10.9	11.3	11.9	11.4
Percentage of students who carried a gun on one or more of the past 30 days	2.8	3.4	3.2	4.4

## TREND ANALYSIS REPORT



### *Behaviors That Contribute To Unintentional Injuries And Violence*

QUESTIONS	Prevalence - Survey Year			
	2001	2003	2005	2007
Percentage of students who did not go to school on one or more of the past 30 days because they felt they would be unsafe at school or on their way to or from school	17.0	7.0	6.7	6.6
Percentage of students who had been threatened or injured with a weapon such as a gun, knife, or club on school property one or more times during the past 12 months	9.1	8.5	8.7	8.4
Percentage of students who had property, such as their car, clothing, or books stolen or deliberately damaged on school property one or more times during the past 12 months	N/A	25.8	25.3	23.8
Percentage of students who were in a physical fight one or more times during the past 12 months	30.3	30.8	30.4	33.1
Percentage of students who were in a physical fight one or more times during the past 12 months in which they were injured and had to be treated by a doctor or nurse	4.6	4.1	4.4	5.2
Percentage of students who were in a physical fight on school property one or more times during the past 12 months	12.7	13.1	12.3	11.5
Percentage of students who were ever hit, slapped, or physically hurt on purpose by their boyfriend or girlfriend during the past 12 months	9.6	10.7	10.7	8.2

# TREND ANALYSIS REPORT



## *Behaviors That Contribute To Unintentional Injuries And Violence*

QUESTIONS	Prevalence - Survey Year			
	2001	2003	2005	2007
Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to	8.7	7.3	7.5	7.4
Percentage of students who felt so sad or hopeless almost every day for two weeks or more in a row that they stopped doing some usual activities during the past 12 months	29.0	30.9	32.1	28.0
Percentage of students who seriously considered attempting suicide during the past 12 months	13.9	14.5	14.5	10.7
Percentage of students who made a plan about how they would attempt suicide during the past 12 months	11.0	11.1	10.9	8.9
Percentage of students who actually attempted suicide one or more times during the past 12 months	7.6	8.5	8.8	5.1
Percentage of students who made a suicide attempt during the past 12 months that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse	3.2	2.9	3.5	1.4

# TREND ANALYSIS REPORT



## Tobacco Use

### Prevalence - Survey Year

QUESTIONS	2001	2003	2005	2007
Percentage of students who ever tried cigarette smoking, even one or more puffs	54.6	48.2	45.4	38.1
Percentage of students who smoked a whole cigarette for the first time before age 13 years	15.9	12.7	11.1	9.3
Percentage of students who smoked cigarettes on one or more of the past 30 days	18.3	13.4	13.7	14.0
Among students who reported current cigarette use, the percentage who smoked more than 10 cigarettes per day on the days they smoked during the past 30 days	11.7	11.1	11.1	10.6
Among students who were less than 18 years of age and who reported current cigarette use, the percentage who usually got their own cigarettes by buying them in a store or gas station during the past 30 days	24.2	22.5	21.4	16.0
Percentage of students who smoked cigarettes on school property on one or more of the past 30 days	7.2	4.5	4.2	3.2
Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days	10.9	9.8	8.2	7.1

## TREND ANALYSIS REPORT



### Tobacco Use

QUESTIONS	Prevalence - Survey Year			
	2001	2003	2005	2007
Among students who reported current cigarette use, the percentage who ever tried to quit smoking cigarettes during the past 12 months	53.8	48.6	61.4	42.5
Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days	3.0	3.7	3.6	3.5
Percentage of students who used chewing tobacco, snuff, or dip on school property on one or more of the past 30 days	2.5	2.5	2.1	1.8
Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days	13.1	10.6	9.8	10.9
Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days	13.1	10.6	9.8	10.9

# TREND ANALYSIS REPORT



## Alcohol and Other Drug Use

Prevalence - Survey Year

QUESTIONS	2001	2003	2005	2007
Percentage of students who had at least one drink of alcohol on one or more days during their life	73.9	72.9	73.8	71.4
Percentage of students who had their first drink of alcohol other than a few sips before age 13 years	27.6	29.3	27.9	25.2
Percentage of students who had at least one drink of alcohol on one or more of the past 30 days	43.9	42.0	38.3	42.6
Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days	21.1	20.2	17.6	20.5
Percentage of students who had at least one drink of alcohol on school property on one or more of the past 30 days	4.0	4.3	3.8	4.0
Percentage of students who used marijuana one or more times during their life	40.8	37.87	34.8	34.7
Percentage of students who tried marijuana for the first time before age 13 years	8.9	9.0	8.7	7.5
Percentage of students who used marijuana one or more times during the past 30 days	21.8	17.9	17.3	17.0
Percentage of students who used marijuana on school property one or more times during the past 30 days	21.8	17.9	17.3	17.0

## TREND ANALYSIS REPORT



### Alcohol and Other Drug Use

QUESTIONS	Prevalence - Survey Year			
	2001	2003	2005	2007
Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life	7.2	5.9	4.0	2.6
Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during the past 30 days	2.6	2.2	6.1	6.3
Percentage of students who sniffed glue, breathed the contents of aerosol spray can, or inhaled any paints or sprays to get high one or more times during their life	10.5	9.7	3.2	2.5
Percentage of students who used heroin one or more times during their life	3.3	2.3	27.1	21.1
Percentage of students who used methamphetamines one or more times during their life	5.6	4.5	4.0	2.6
Percentage of students who took steroid pills or shots without a doctor's prescription one or more times during their life	N/A	7.8	6.1	6.3
Percentage of students who used a needle to inject any illegal drug into their body one or more times during their life	4.5	2.9	3.2	2.5
Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months	27.0	28.1	27.1	21.1

## TREND ANALYSIS REPORT



### *Sexual Behaviors That Result In HIV Infection, Other Sexually Transmitted Diseases, And Other Unintended Pregnancies*

QUESTIONS	Prevalence - Survey Year			
	2001	2003	2005	2007
Percentage of students who ever had sexual intercourse	47.3	52.0	53.0	49.8
Percentage of students who had sexual intercourse for the first time before age 13 years	8.8	7.4	8.5	9.0
Percentage of students who had sexual intercourse with four or more people during their life	15.1	16.2	17.4	16.2
Percentage of students who had sexual intercourse with one or more people during the past three months	33.5	37.5	37.3	34.1
Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse	22.6	18.7	18.6	19.2
Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse	73.1	72.7	75.0	71.6
Among students who had sexual intercourse during the past three months, the percentage who used birth control pills to prevent pregnancy before last sexual intercourse	13.4	8.7	10.8	8.9
Percentage of students who had ever been taught in school about AIDS or HIV infection	87.1	87.1	87.7	89.0

## TREND ANALYSIS REPORT

### Weight Management and Dietary Behaviors



#### Prevalence - Survey Year

QUESTIONS	2001	2003	2005	2007
Percentage of students who were at risk for becoming overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex)	12.2	16.0	16.2	15.4
Percentage of students who were overweight (i.e., at or above the 95th percentile for body mass index, by age and sex)	8.9	9.3	11.9	8.4
Percentage of students who described themselves as slightly or very overweight	26.2	27.5	29.1	26.6
Percentage of students who were trying to lose weight	41.1	41.6	43.5	39.0
Percentage of students who exercised to lose weight or to keep from gaining weight during the past 30 days	54.2	55.2	56.5	56.2
Percentage of students who ate less food, fewer calories, or foods low in fat to lose weight or to keep from gaining weight during the past 30 days	38.8	38.4	39.5	37.4
Percentage of students who went without eating for 24 hours or more to lose weight or to keep from gaining weight during the past 30 days	12.5	11.9	10.3	10.3
Percentage of students who took any diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days	8.0	7.5	5.5	4.3

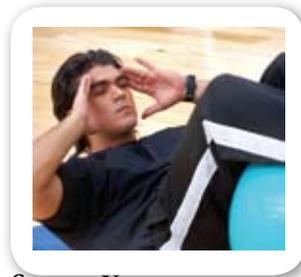
## TREND ANALYSIS REPORT



### *Weight Management and Dietary Behaviors*

QUESTIONS	Prevalence - Survey Year			
	2001	2003	2005	2007
Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days	4.4	4.6	5.3	4.0
Percentage of students who drank 100% fruit juices one or more times during the past seven days	83.2	82.0	82.4	81.0
Percentage of students who ate green salad one or more times during the past seven days	66.2	66.8	65.8	63.6
Percentage of students who ate potatoes one or more times during the past seven days	64.9	63.1	61.9	65.2
Percentage of students who ate carrots one or more times during the past seven days	45.9	47.2	43.9	47.0
Percentage of students who ate other vegetables one or more times during the past seven days	78.9	79.1	79.2	79.1
Percentage of students who ate fruits and vegetables five or more times per days during the past seven days	22.6	22.5	22.9	23.1
Percentage of students who drank three or more glasses per day of milk during the past seven days	12.3	11.2	10.2	10.9

## TREND ANALYSIS REPORT



### Physical Activity

#### Prevalence - Survey Year

QUESTIONS	2001	2003	2005	2007
Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days	N/A	N/A	28.3	32.8
Percentage of students who watched three or more hours per day of TV on an average school day	49.6	50.6	45.7	40.7
Percentage of students who attended physical education (PE) classes on one or more days in an average week when they were in school	44.2	46.3	41.7	34.0
Percentage of students who attended physical education (PE) classes daily in an average week when they were in school	23.7	27.0	22.9	21.6
Percentage of students who played on one or more sports teams during the past 12 months	48.0	46.5	47.9	49.3

### Other

#### Prevalence - Survey Year

QUESTIONS	2001	2003	2005	2007
Percentage of students who had ever been told by a doctor or nurse that they had asthma	N/A	N/A	14.6	19.0

2007 BROWARD COUNTY HIGH SCHOOL

# YOUTH RISK BEHAVIOR SURVEY (YRBS)

RESULTS

## Educational Programs/Student Support

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