

# TOBACCO

## Fact Sheet



The Michigan Youth Risk Behavior Survey (YRBS) is part of a nationwide surveying effort led by the Centers for Disease Control and Prevention (CDC) to monitor students' health risks and behaviors in six categories identified as most likely to result in adverse outcomes. These categories include unintentional injury and violence, tobacco use, alcohol and other drug use, sexual behaviors that contribute to unintended pregnancy or disease, dietary behaviors, and physical inactivity. High response rates allow results of the 2005 Michigan YRBS to be generalized to all Michigan students in grades 9-12.



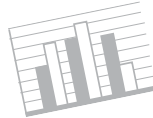
### Of Vital Concern: The National Perspective

Tobacco use is considered the chief preventable cause of death in the United States with 18% of all deaths attributable to tobacco use. Cigarette smoking increases the risk of heart disease; cancers of the lung, larynx, mouth, esophagus, and bladder; stroke; and chronic obstructive pulmonary disease. In addition, cigarette smokers are more likely to drink alcohol and use marijuana and cocaine as compared to non-smokers. If current patterns of smoking behavior persist, an estimated 6.4 million United States people who were under the age of 18 in 2000 could die prematurely from smoking-related illnesses.

Smokeless tobacco use primarily begins in adolescence, with an average age of initiation of 16.7 years. Approximately 75% of oral cavity and pharyngeal cancers are attributed to the use of smoked and smokeless tobacco. Use of smokeless tobacco also causes gum recession and an increased risk of heart disease and stroke.

Approximately 46% of school districts in the United States prohibit tobacco use in buildings, on all school property, in school vehicles, and during school events on or off campus. In 2003, 8% of high school students reported smoking cigarettes in the last month on school property.

For complete references, please log onto [www.emc.cmich.edu/yrbs](http://www.emc.cmich.edu/yrbs).

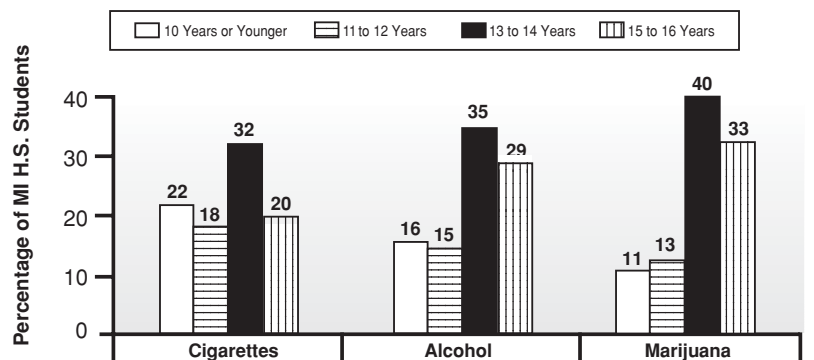


### 2005 Survey Results

- ◆ At least half of all students have **ever tried smoking<sup>1</sup>** cigarettes, regardless of gender or race/ethnicity. Half of the current smokers began smoking between age 11 and 14 (Figure 1).
- ◆ Of the students who were current smokers, more than half have **tried to quit** in the past year. This was consistent regardless of gender, age, or race/ethnicity.

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#### Early Initiation of Cigarette, Alcohol, and Marijuana Use\*

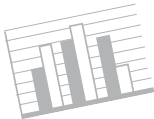


\* Among those who ever smoked, drank alcohol, or tried marijuana

<sup>1</sup> Ever tried smoking means tried cigarette smoking, even one or two puffs.

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### 2005 Survey Results (continued)

- ◆ Black students were less likely than white and Hispanic students to have **used any tobacco recently** and **smoked recently** (Figure 2).<sup>2</sup>
- ◆ White students were three times more likely than black students to **smoke frequently**<sup>3</sup> and twice as likely to have ever **smoked daily** (Figure 2).<sup>4</sup>
- ◆ Hispanic students were more likely to have **ever smoked** than white and black students. Hispanic students were also twice as likely as white students to **smoke early** and significantly more likely than black students to **smoke on school property** and **recently use cigars**.<sup>5</sup>
- ◆ Gender differences were clear for **smokeless tobacco use, cigar use** and any **recent tobacco use**, with males using significantly more than females. In addition, males were four times more likely to use **smokeless tobacco on school property** than females, whereas **cigarette use on school property** was identical for both genders (Figure 3).

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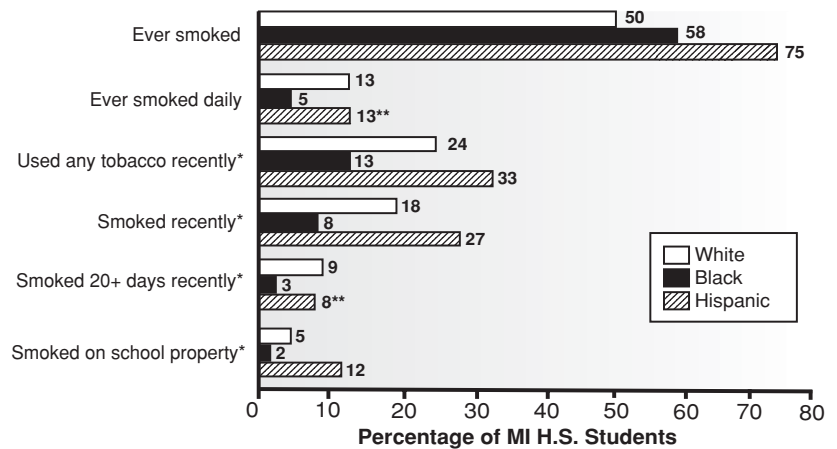
<sup>2</sup> *Recent smoking* means smoked cigarettes on one or more of the past 30 days.

<sup>3</sup> *Frequent smoking* means smoked cigarettes on 20 or more of the past 30 days.

<sup>4</sup> *Daily smoking* means smoked at least one cigarette per day for 30 days.

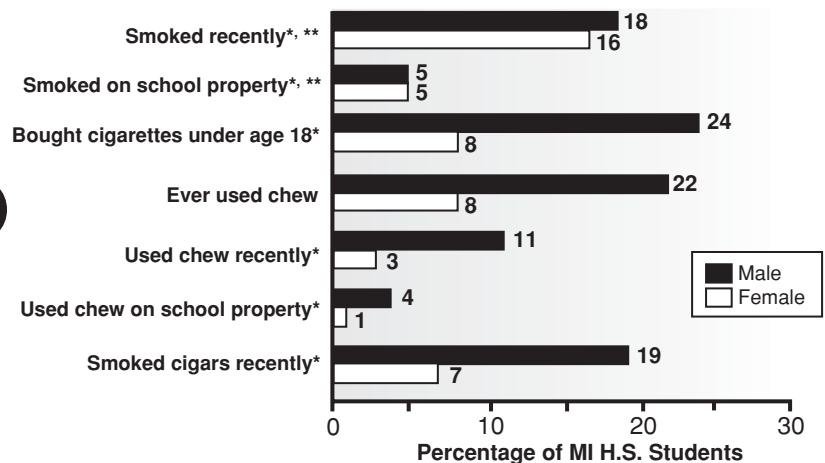
<sup>5</sup> *Cigar use* includes cigars, cigarillos, and little cigars.

### Tobacco Use and Race/Ethnicity



\* During the previous month  
 \*\* These percentages do not represent a statistically significant difference from other races.

### Tobacco Use and Gender

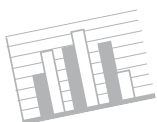


\* During the previous month  
 \*\* These percentages do not represent a statistically significant difference between genders.

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### 2005 Survey Results (continued)



◆ Older students were more likely than younger students to have ever **tried smoking** and **used smokeless tobacco**, and nearly twice as likely to have **smoked recently** and **used cigars** and **any form of tobacco**<sup>6</sup> (Figure 4).

◆ Nearly one sixth of underage smokers<sup>7</sup> were able to **buy cigarettes at a store or gas station**; males were more likely to report this than females.

◆ Students with low grades were more likely than those with high grades to report most types of smoking as well as use of smokeless tobacco and cigar use (Figure 5).

### Trends

Compared to 1997 and/or 1999, significantly fewer high school students have ever **tried cigarettes** and **ever smoked daily**; **smoked on school property**; reported **recent, frequent, and regular smoking**; and reported **recent cigar and tobacco use** (Figure 6).

<sup>6</sup> Any form of tobacco includes cigarettes, cigars, cigarillos, little cigars, chewing tobacco, snuff, and dip.

<sup>7</sup> Underage smokers refer to students who currently smoke and are under 18 years of age.

#### Contact Information

Michigan Department of Education, Grants Coordination and School Support,  
Coordinated School Health and Safety Programs  
P.O. Box 30008, Lansing, Michigan 48909 Phone: 517-241-4284  
Web: www.michigan.gov/mde

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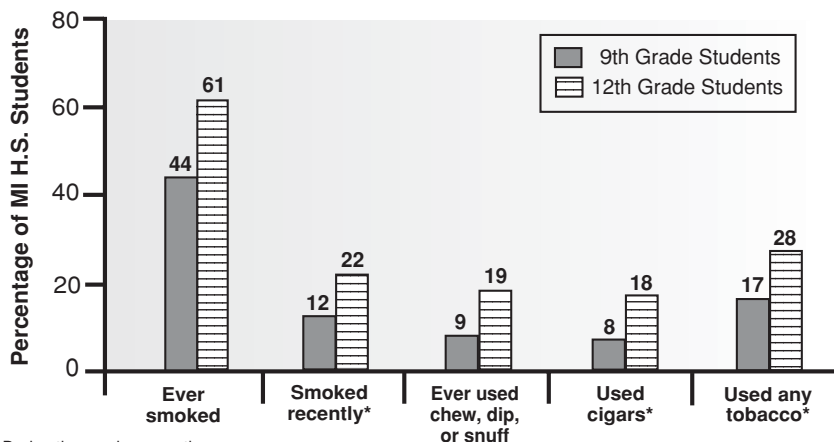
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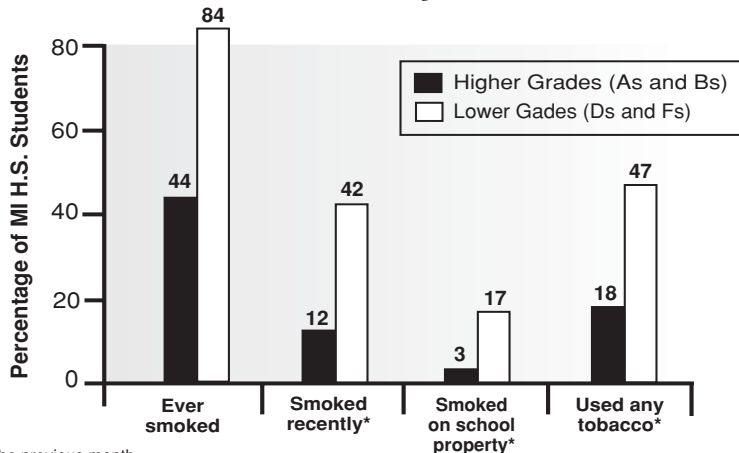
### Tobacco Use and Grade



\* During the previous month

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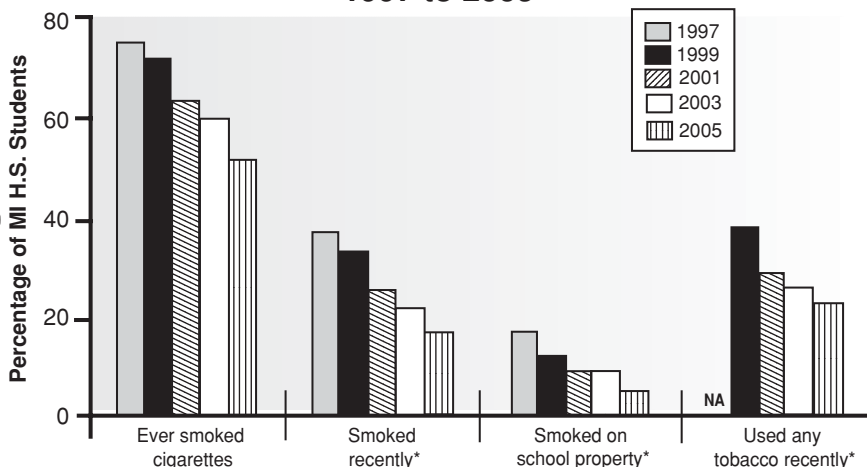
### Tobacco Use by Academics



\* During the previous month

6

### Trends in Tobacco Use 1997 to 2005




\* During the previous month  
NA Not Available

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SURVEY QUESTION 	MI	GENDER		GRADE				RACE/ETHNICITY			
	2005	M	F	9	10	11	12	Black	White	Hispanic	American Indian
% of students who <b>ever tried cigarette smoking</b> , even one or two puffs	52	54	50	44	54	54	61	58	50	75	71
% of students who <b>smoked</b> a whole cigarette for the first time <b>before age 13</b>	16	18	14	15	18	17	13	22	14	28	34
% of students who <b>smoked cigarettes</b> on one or more of the <b>past 30 days</b>	17	18	16	12	19	17	22	8	18	27	41
% of students who <b>smoked cigarettes on 20 or more</b> of the <b>past 30 days</b>	8	8	7	5	8	8	11	3	9	8	18
% of students who <b>smoked 2 or more cigarettes per day</b> on the days they smoked during the <b>past 30 days</b>	14	16	11	10	13	17	14	—	13	—	—
% of students <b>less than 18 years of age</b> who were current smokers, and <b>purchased cigarettes</b> at a store or gas station during the past 30 days	16	24	8	9	14	25	—	—	15	—	—
% of students who <b>smoked cigarettes on school property</b> on one or more of the past 30 days	5	5	5	4	5	5	7	2	5	12	19
% of students who <b>ever smoked cigarettes daily</b> , that is, at least one cigarette every day for 30 days	12	13	12	8	14	14	13	5	13	13	22
% of students who were current smokers and have <b>tried to quit smoking</b> during the past 12 months	57	56	59	58	52	63	59	—	58	—	—
% of students who have <b>ever tried chewing tobacco</b> , snuff, or dip	15	22	8	9	17	18	19	10	16	21	21
% of students who <b>used chewing tobacco, snuff, or dip</b> on one or more of the <b>past 30 days</b>	7	11	3	3	8	8	8	4	7	9	13
% of students who <b>used chewing tobacco, snuff, or dip on school property</b> on one or more of the past 30 days	3	4	1	1	3	4	3	3	2	6	4
% of students who <b>smoked cigars</b> , cigarillos, or little cigars on one or more of the <b>past 30 days</b>	13	19	7	8	14	14	18	11	13	22	39
% of students who <b>used any tobacco</b> during the <b>past 30 days</b>	23	28	19	17	25	25	28	13	24	33	56