

Tobacco Use - Maryland and Carroll County

Data from the “Monitoring Changing Tobacco Use Behaviors in Maryland: A Report on the 2000 – 2006 Tobacco Studies” was released in November of 2007. This report highlights data collected in the Maryland Adult Tobacco Surveys (MATSA) and the Maryland Youth Tobacco Surveys (MYTS) as part of the Cigarette Restitution Fund Program at the Maryland Department of Health and Mental Hygiene. These surveys were performed in 2000, 2002 and 2006 and were built on a core questionnaire developed by the Centers for Disease Control in collaboration with the states. More information on survey methodology can be found in the Supplemental Appendices.

A complete copy of the report is available at the Carroll County Health Department. If you would like to see this or if you have any questions about the information provided below, please contact Barbara White at 410-876-4443 or bwhite@dhmh.state.md.us.

Smoking Cessation

Opportunities to quit smoking have increased since the Cigarette Restitution Fund monies have come to Maryland. Carroll County offers a number of free programs and assistance obtaining nicotine replacement products or the new prescription drug, Chantix. Physical fitness, health problems related to tobacco use, cost and setting an example for children were the most frequent reasons for quitting given by adults in Maryland.

	Jurisdiction	2000	2002	2006	Relative Change
Under-Age Youth Who Have Stopped Smoking in the Past Year	State of MD	35.1%	36%	40.2%	14.5%
	Carroll County	34.2%	27.8%	36%	5.3%
Under-Age Males Who Have Stopped Smoking in the Past Year	State of MD	37.1%	38.4%	40.4%	8.9%
	Carroll County	41.4%	20.3%	39.9%	-3.6%
Under-Age Females Who Have Stopped Smoking in the Past Year	State of MD	33.4%	34.2%	40%	19.8%
	Carroll County	27%	34.4%	32.4%	20%
Under-Age Minorities Who Have Stopped Smoking in the Past Year	State of MD	44.5%	43.4%	47.7%	7.0%
	Carroll County	26%		41.3%	58.8%
Adults Who Have Stopped Smoking in the Past Year	State of MD	23.4%	22.2%	31.7%	35.5%
	Carroll County	24.7%	50%	29.6%	19.8%

Cigar Use

When they think of cigars most people think of old men puffing on big stogies. Today there are a variety of cigars available from your grandfather's premium cigar to little cigars, sometimes called "brown cigarettes." Little cigars are sold in most convenience stores, gas stations and mom and pop stores. They may appeal to youth because they are sold as singles, are inexpensive, and come in a variety of sweet flavors. Tax on cigars is 15% of the wholesale price (less than 30 cents) compared to the \$2.00 per pack tax on cigarettes.

In 2000 Carroll County was below the State average in cigar use in most areas. In 2006 Carroll is above the State average in more than half of the categories. Cigar use decreased in many Maryland counties between 2000 and 2006. Carroll County saw an increase especially among middle school males and high school females between 2000 and 2006.

	Jurisdiction	2000	2002	2006	Relative Change
Cigar Use Among Under-Age Youth	State of MD	8.8%	7.5%	6.5%	-26.1%
	Carroll County	7.6%	7.9%	7.9%	3.9%
Cigar Use Among Under-Age Middle School Students	State of MD	4.6%	3.5%	2.9%	-37%
	Carroll County	2.2%	1.8%	2.3%	4.6%
Cigar Use Among Under-Age Middle School Males	State of MD	5.6%	4.0%	3.7%	-34%
	Carroll County	2.9%	2.0%	3.4%	17.2%
Cigar Use Among Under-Age Middle School Females	State of MD	3.4%	2.9%	2.0%	-41.2%
	Carroll County	1.4%	1.5%	1.2%	-14.3%
Cigar Use Among Under-Age Middle School Minorities	State of MD	5.2%	4.1%	3.6%	-30.8%
	Carroll County	5.9%	4.6%	3.6%	-39%
Cigar Use Among Under-Age High School Students	State of MD	12.5%	11.0%	9.2%	-26.4%
	Carroll County	12.1%	13.0%	11.8%	-2.5%
Cigar Use Among Under-Age High School Males	State of MD	16.7%	14.4%	12.5%	-25.1%
	Carroll County	18.7%	17.5%	16.6%	-11.2%
Cigar Use Among Under-Age High School Females	State of MD	8.2%	7.5%	5.9%	-28%
	Carroll County	4.9%	8.1%	6.8%	38.8%
Cigar Use Among Under-Age High School Minorities	State of MD	11.5%	10.0%	7.8%	-32.2%
	Carroll County	24.9%	25.1%	19.0%	-23.7%

Cigarette Smoking by Youth

Current smoking declined 36% between 2000 and 2006 among under-age youth in Maryland. Carroll County saw a 26% decline in cigarette smoking between 2000 and 2006 among under-age youth.

There was little change in this same time period in the frequency of smoking among those under-age youth who do smoke. Approximately one third of all under-age youth who currently smoke cigarettes, do so frequently (20+ of the past 30 days) and nearly two thirds smoke infrequently (<20 of the past 30 days).

	Jurisdiction	2000	2002	2006	Relative Change
Cigarette Smoking by Under-Age Youth	State of MD	15.7%	12.5%	10%	-36.3%
	Carroll County	16.4%	13.9%	12.1%	-26.2%
Cigarette Smoking by Under-Age Youth in Middle School	State of MD	7.2%	5.2%	3.7%	-48.6%
	Carroll County	4.9%	3.1%	3.5%	-28.6%
Cigarette Smoking by Under-Age Youth in High School	State of MD	23%	18.7%	14.7%	-36.1%
	Carroll County	25.9%	23.1%	18.1%	-30.1%

Youth Data

The rising number of youth beginning to use tobacco got national attention during the 1990's. Efforts to reduce youth tobacco use began in earnest and were enhanced by Cigarette Restitution funding. Between 27 and 30 % of Carroll County CRFP funds are dedicated to school based tobacco use prevention projects each year.

Initiation of Tobacco Use

Maryland shows a decrease in the initiation of tobacco use among youth, both male and female, as well as minority youth. Carroll County went from being below the Statewide average in initiation of tobacco use in all areas in 2000 to above it. The initiation of tobacco use among under-age females should be an area of concern. The highlighted box shows an increase of 9.2% for under-age females in Carroll County from 2000 to 2006.

	Jurisdiction	2000	2002	2006	Relative Change
Initiation of Tobacco Use Among Under-Age Youth in the Past Year	State of MD	19.5%	16.2%	15%	-23.1%
	Carroll County	17.7%	16.2%	18.0%	1.7%
Initiation of Tobacco Use Among Under-Age Males in the Past Year	State of MD	20.1%	16.4%	15.8%	-21.4%
	Carroll County	19.8%	16.6%	19.4%	-2.0%
Initiation of Tobacco Use Among Under-Age Females in the Past Year	State of MD	18.8%	15.9%	14.2%	-24.5%
	Carroll County	15.2%	15.7%	16.6%	9.2%
Initiation of Tobacco Use Among Under-Age Minorities in Past Year	State of MD	16.7%	13.7%	12.4%	-25.7%
	Carroll County	22.3%	15.4%	15.7%	-29.6%

Other tobacco products include pipes, bidis, and kreteks or clove cigarettes. It is not legal to sell bidis or kreteks in Maryland.

	Jurisdiction	2000	2002	2006	Relative Change
Pipe Use by Under-Age Youth	State of MD	3.9%	4.9%	4.7%	20.5%
	Carroll County	3.1%	4.7%	3.4%	9.7%
Bidi Use by Under-Age Youth	State of MD	5.3%	5.4%	4.8%	-9.4%
	Carroll County	4.8%	4.9%	2.9%	-39.6%
Kretek Use by Under-Age Youth	State of MD	3.8%	4.3%	5.1%	34.2%
	Carroll County	3.3%	4.0%	3.3%	0%

Prevalence of Tobacco Use

Overall good news, tobacco use in Maryland between 2000 and 2006 has declined for adults, youth and minority populations. This includes the use of all types of tobacco. Carroll County also shows a decline in all areas, however our rates remain higher than the State average for all populations.

	Jurisdiction	2000	2002	2006	Relative Change
Prevalence of Tobacco Use Among Under-Age Youth	State of MD	21.4%	18.5%	15.6%	-27.1%
	Carroll County	21.1%	18.9%	17.0%	-19.4%
Prevalence of Tobacco Use Among Under-Age Minority Youth	State of MD	18.9%	16.9%	14.4%	-23.8%
	Carroll County	34.8%	26.9%	23%	-33.9%
Prevalence of Tobacco Use Among Adults	State of MD	21.5%	19.6%	17.7%	-17.7%
	Carroll County	26.2%	19.1%	20.3%	-22.5%
Prevalence of Tobacco Use Among Minority Adults	State of MD	19.7%	18.3%	15.8%	-19.8%
	Carroll County			28.3%	

Note: There is no data for the adult minority population in 2000 and 2002 because the sample size was less than 30.

Smokeless Tobacco

Use of smokeless tobacco rose in many counties throughout the State of Maryland giving an average increase of 2.8% among under-age youth from 2000 to 2006. Carroll County data shows an alarming increase of 121% among middle school males and 17.6% among high school males.

The reason for this increase is unknown. It may be that more youth are choosing to use smokeless tobacco as cigarette smoking becomes less socially acceptable, or it may be due to new products on the market that make this type of tobacco more appealing.

	Jurisdiction	2000	2002	2006	Relative Change
Smokeless Tobacco Use Among Under-Age Youth	State of MD	3.5%	3.7%	3.6%	2.8%
	Carroll County	3.2%	4.0%	3.8%	18.7%
Smokeless Tobacco Use Among Under-Age Middle School Students	State of MD	2.1%	2.1%	1.9%	-9.5%
	Carroll County	1.0%	1.3%	1.7%	70%
Smokeless Tobacco Use Among Middle School Males	State of MD	3.1%	2.8%	2.4%	-22.6%
	Carroll County	1.4%	1.9%	3.1%	121.4%
Smokeless Tobacco Use Among Under-Age High School Students	State of MD	4.7%	5.2%	4.8%	2.1%
	Carroll County	5.0%	6.3%	5.3%	6.0%
Smokeless Tobacco Use Among High School Males	State of MD	7.5%	7.8%	7.5%	0%
	Carroll County	7.4%	9.7%	8.7%	17.6%