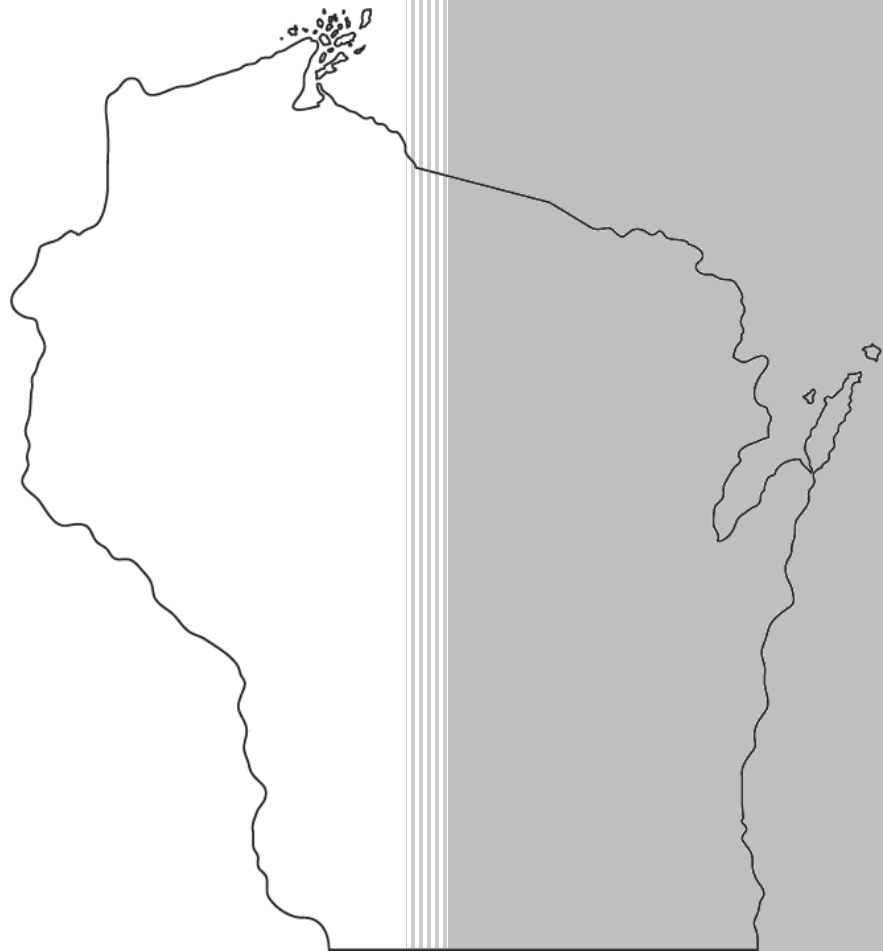


Wisconsin

2018
November

Tobacco Facts: **Adults**



Center for Urban
Population Health

Working together to improve the health of communities



Center for Urban Population Health
University of Wisconsin-Milwaukee

ACKNOWLEDGEMENTS

This report was prepared by Karen A. Palmersheim, Ph.D. Dr. Palmersheim is an epidemiologist and associate scientist with the University of Wisconsin-Milwaukee, Center for Urban Population Health.

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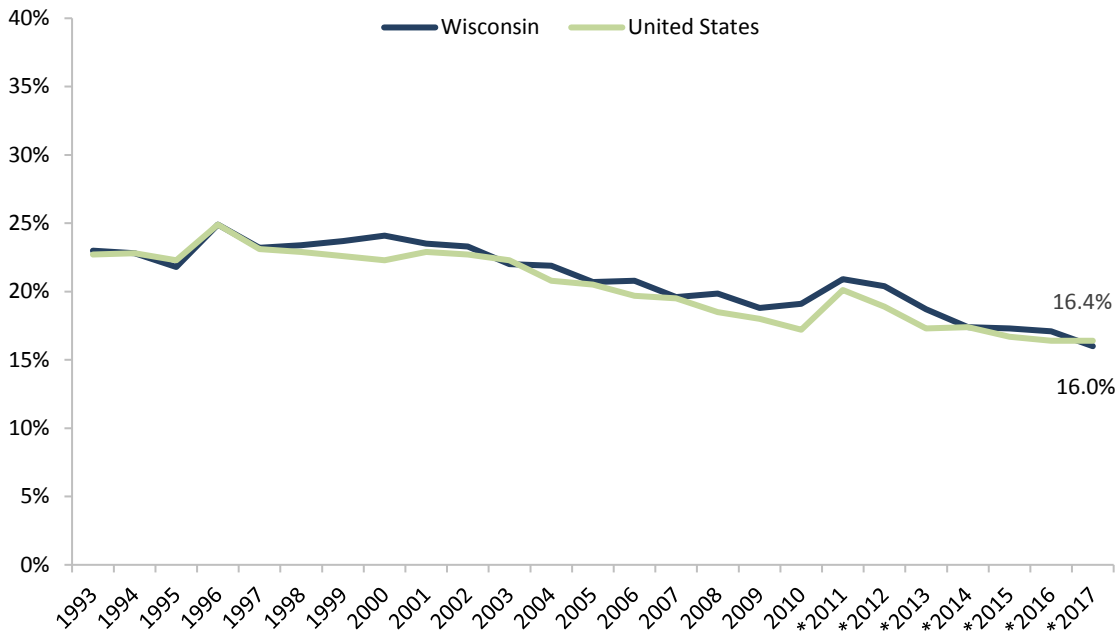
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SECTION A. CIGARETTE USE

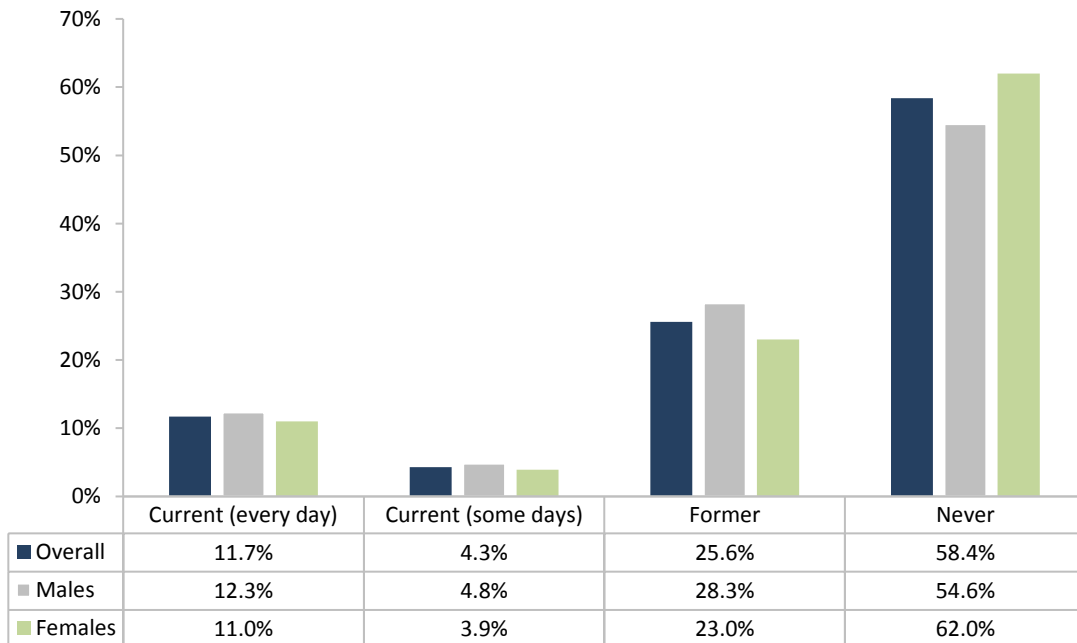
Figure A1. Percent of Current Cigarette Smokers, Adults, Wisconsin and the United States, 1993-2017



* Data collection methodology included the addition of cell phones beginning in 2011; Data from 2011 onward cannot be merged with previous years.

Data: Behavioral Risk Factor Survey, Wisconsin and the United States

Figure A.2. Cigarette Smoking Status, Overall and by Sex, Adults, Wisconsin, 2017



Data: Wisconsin Behavioral Risk Factor Survey

Table A.1. Percent and Number of Current Cigarette Smokers, Adults, Wisconsin, 1990-2017

Year	Percent	Number of Smokers
1990	25%	899,874
1991	26%	946,210
1992	23%	843,147
1993	23%	850,175
1994	23%	859,542
1995	22%	828,828
1996	25%	954,199
1997	23%	887,514
1998	23%	896,629
1999	24%	945,963
2000	24%	958,780
2001	24%	976,971
2002	23%	948,290
2003	22%	914,910
2004	22%	929,061
2005	21%	897,729
2006	21%	900,429
2007	20%	862,767
2008	20%	869,564
2009	19%	828,080
2010	19%	826,024
2011*	21%	918,976
2012*	20%	879,665
2013*	19%	840,753
2014*	17%	756,009
2015*	17%	759,779
2016*	17%	762,443
2017*	16%	722,349

* Data collection methodology included the addition of cell phones beginning in 2011; Data from 2011 onward cannot be merged with previous years.

Note: All estimates were rounded to the nearest whole number.

Data: Wisconsin Behavioral Risk Factor Survey; Wisconsin Interactive Statistics on Health; United States Census Bureau



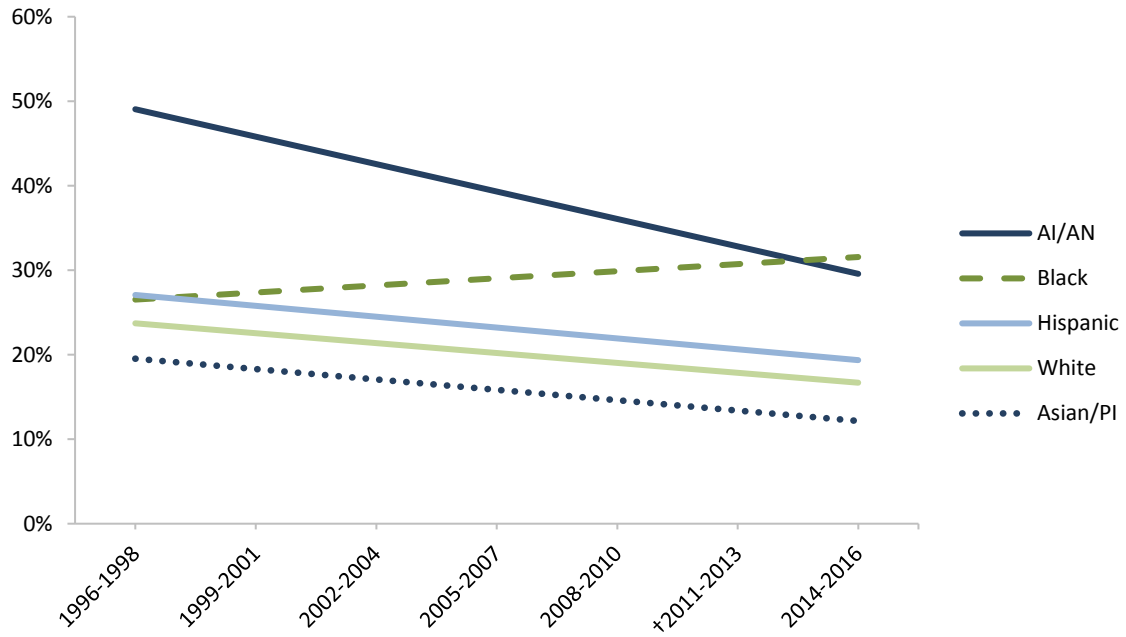
Table A.2. Percent of Current Cigarette Smokers, by Select Characteristics, Adults, Wisconsin, 2013-2017

Average Prevalence of Current Cigarette Smoking in WI, 2013-2017: 17.3%	
Age	
18-24 years	15.7%
25-29 years	21.8%
30-39 years	23.5%
40-54 years	20.1%
55-64 years	18.0%
65-74 years	10.4%
75-99 years	3.7%
Gender	
Male	18.7%
Female	15.9%
Race/Ethnicity	
Non-Hispanic White Only	16.6%
Non-Hispanic Black Only	28.2%
Non-Hispanic American Indian/Alaskan Native Only	36.9%
Non-Hispanic Asian/Native Hawaiian/Pacific Islander Only	11.6%
Non-Hispanic Multi-Racial	29.9
Hispanic/Latino	13.2%
Educational Attainment (age 25 or older)	
Less Than High School	31.5%
High School Graduate/GED	22.6%
Some College	17.8%
College Graduate +	6.4%
Annual Household Income	
<\$15,000	33.5%
\$15,000-\$24,999	27.1%
\$25,000-\$34,999	20.9%
\$35,000-\$49,999	18.2%
\$50,000-\$74,999	13.4%
\$75,000+	10.2%
Urban/Rural County of Residence	
Urban	16.4%
Rural	19.3%
Sexual Orientation	
Heterosexual	16.7%
Lesbian/Gay/Bisexual/Other	25.7%

Data: Wisconsin Behavioral Risk Factor Survey



Figure A.3. Trends* in Current Cigarette Smoking, by Race/Ethnicity, Adults, Wisconsin, 1996-2016, by 3-Year Averages



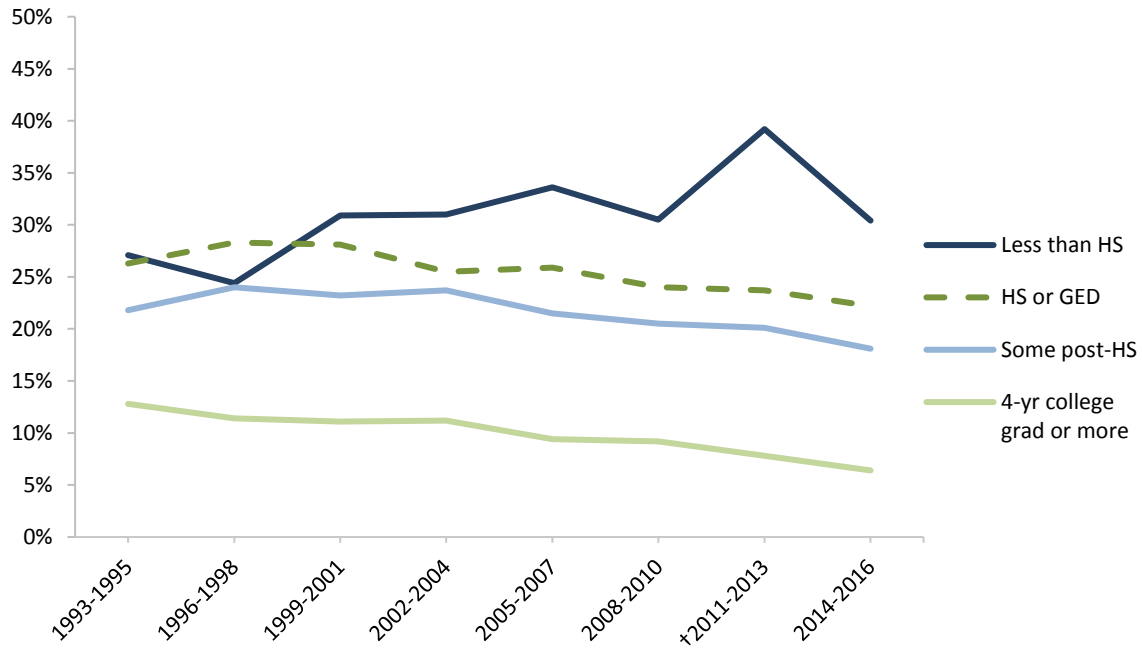
* Data are represented using a series of linear regression trendlines.

† Data collection methodology included the addition of cell phones beginning in 2011; Data from 2011 onward cannot be merged with previous years.

Data: Wisconsin Behavioral Risk Factor Survey



Figure A.4. Percent of Current Cigarette Smokers, by Educational Attainment, Adults*, Wisconsin, 1993-2016, by 3-Year Averages



* Analysis was limited to adults aged 25 years or older to control for the confounding of age with level of educational attainment.

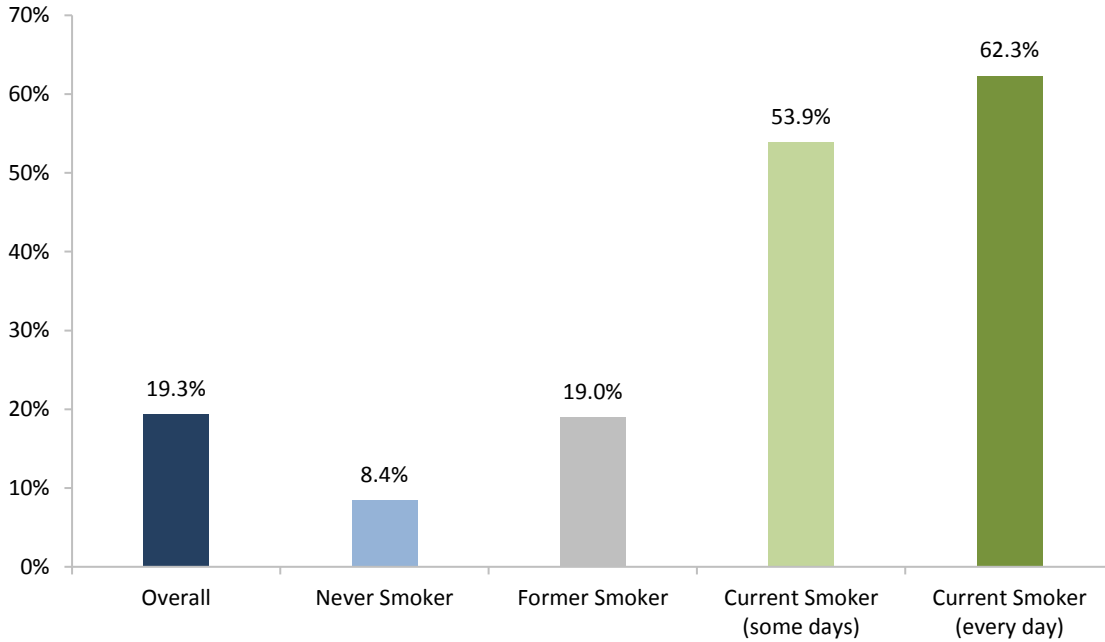
† Data collection methodology included the addition of cell phones beginning in 2011; Data from 2011 onward cannot be merged with previous years.

Data: Wisconsin Behavioral Risk Factor Survey



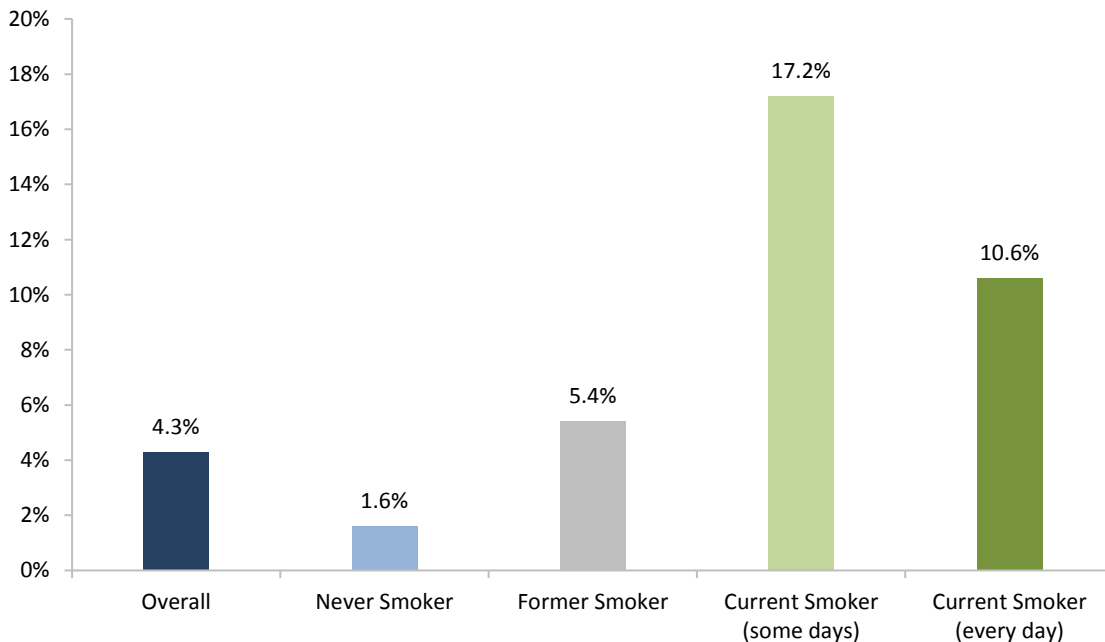
SECTION B. E-CIGARETTE USE AND RELATED ATTITUDES

Figure B.1. Prevalence of Ever E-Cigarette Use, Overall and by Cigarette Smoking Status, Adults, Wisconsin, 2017



Data: Wisconsin Behavioral Risk Factor Survey

Figure B.2. Prevalence of Current E-Cigarette Use, Overall and by Cigarette Smoking Status, Adults, Wisconsin, 2017



Data: Wisconsin Behavioral Risk Factor Survey



Table B.1. Prevalence of Ever E-Cigarette Use, by Select Characteristics, Adults, Wisconsin, 2014-2017

Average Prevalence of Ever Using E-Cigarettes in WI, 2014-2017: 17.3%	
Age	
18-24 years	35.9%
25-29 years	29.6%
30-39 years	24.0%
40-54 years	16.0%
55-64 years	11.2%
65-74 years	5.6%
75-99 years	1.5%
Gender	
Male	19.4%
Female	15.2%
Race/Ethnicity	
Non-Hispanic White Only	17.0%
Non-Hispanic Black Only	17.4%
Non-Hispanic American Indian/Alaskan Native Only	34.4%
Non-Hispanic Asian/Native Hawaiian/Pacific Islander Only	13.4%
Non-Hispanic Multi-Racial	35.1%
Hispanic/Latino	16.3%
Educational Attainment (age 25 or older)	
Less Than High School	20.3%
High School Graduate/GED	16.6%
Some College	16.9%
College Graduate +	7.7%
Annual Household Income	
<\$15,000	26.2%
\$15,000-\$24,999	22.3%
\$25,000-\$34,999	20.9%
\$35,000-\$49,999	17.6%
\$50,000-\$74,999	13.6%
\$75,000+	12.5%
Urban/Rural County of Residence	
Urban	17.6%
Rural	16.4%
Sexual Orientation	
Heterosexual	16.6%
Lesbian/Gay/Bisexual/Other	29.9%

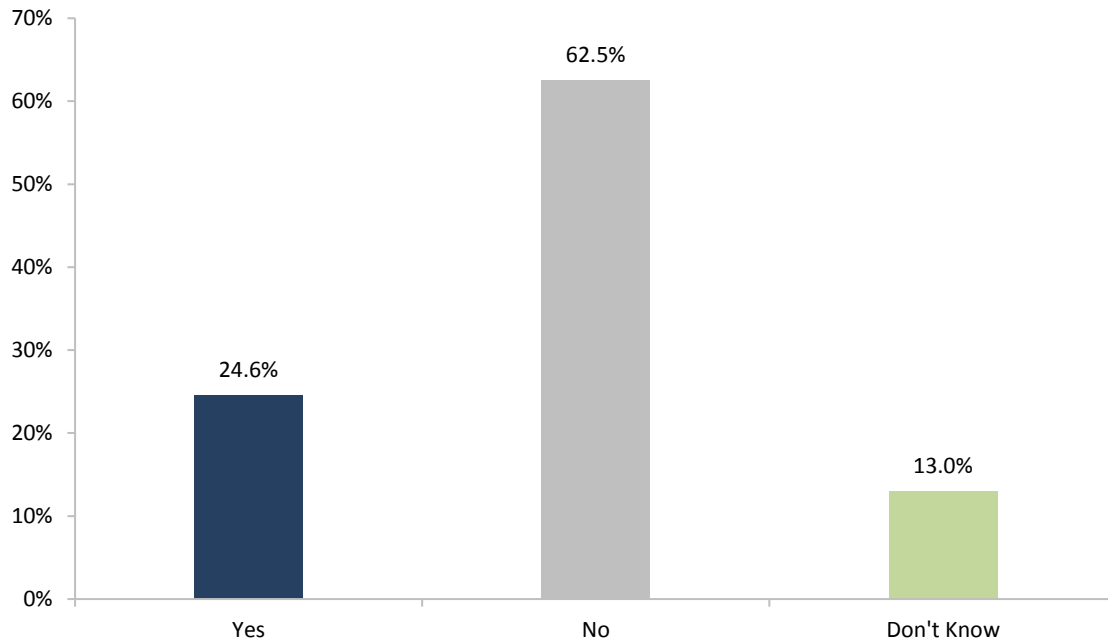
Data: Wisconsin Behavioral Risk Factor Survey

Table B.2. Reasons for E-Cigarette Use, Adults Who Have Ever Used E-Cigarettes, Wisconsin, 2017

Reason Used E-Cigarettes	Percent
They are in style, fun, or cool	17.6%
Like the flavors	38.2%
You can use them indoors where you can't smoke other tobacco products	46.9%
You can use them at outdoor events where you can't smoke other products	38.9%
Help in trying to quit smoking regular tobacco products	54.7%
They are less harmful to your health than regular tobacco products	37.5%
The vapor is less harmful to the people around you than regular tobacco products	44.4%

Data: Wisconsin Behavioral Risk Factor Survey

Figure B.3. Perception of Whether E-Cigarettes are Less Harmful Than Regular Cigarettes, Adults, Wisconsin, 2017

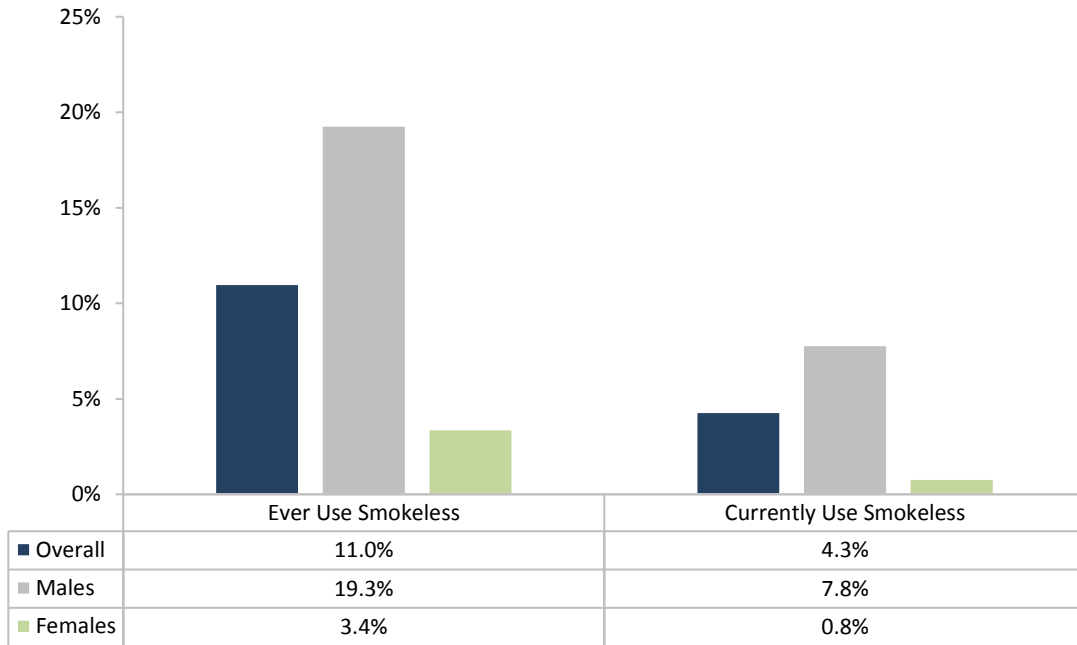


Data: Wisconsin Behavioral Risk Factor Survey



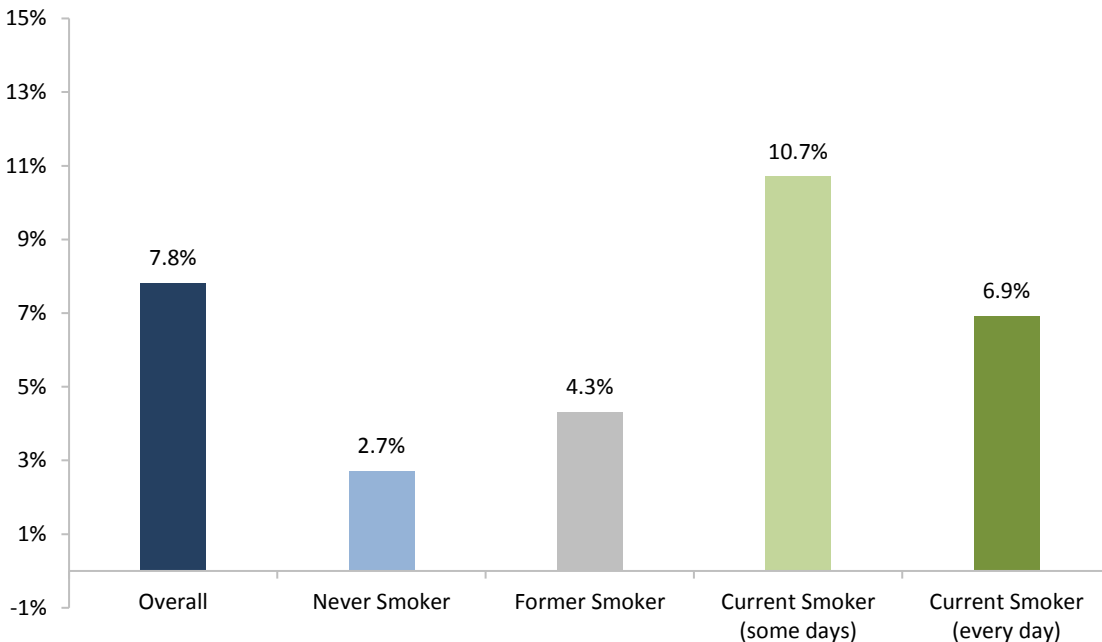
SECTION C. SMOKELESS TOBACCO USE

Figure C.1. Percent of Smokeless Tobacco* Users, Overall and by Sex, Adults, Wisconsin, 2017



* Smokeless tobacco includes products such as chewing tobacco, snuff, snus, dip, orbs, sticks, and strips.
Data: Wisconsin Behavioral Risk Factor Survey

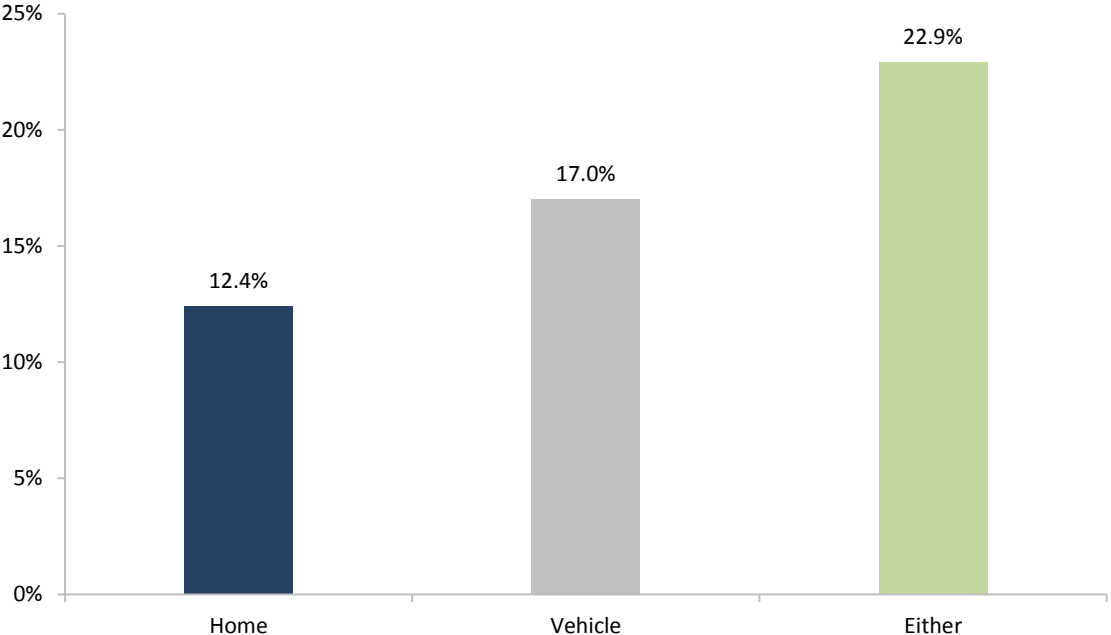
Figure C.2. Prevalence of Current Smokeless Tobacco Use Among Males, by Cigarette Smoking Status, Adults, Wisconsin, 2017



Data: Wisconsin Behavioral Risk Factor Survey

SECTION D. SECONDHAND SMOKE EXPOSURE, RULES AND POLICIES ON SMOKING, AND RELATED ATTITUDES

Figure D.1. Percent of Adults Exposed to Tobacco Smoke in the Home* and in Vehicles†, Wisconsin, 2017

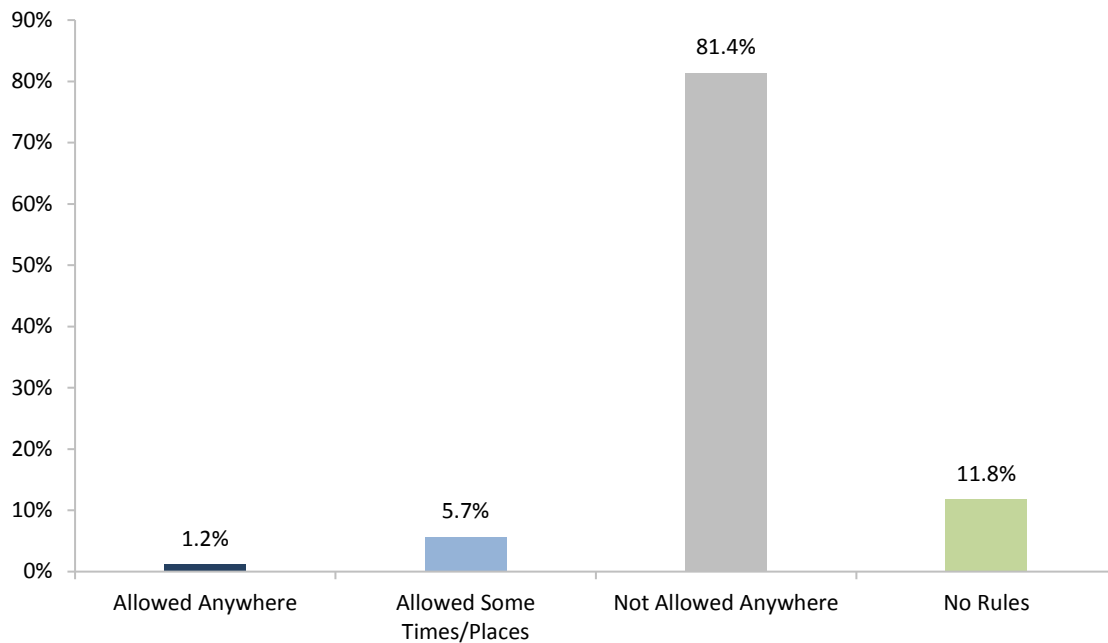


* Smoke exposure in the home was assessed with the following question: Are you exposed to other people’s tobacco smoke while you are in your home?

† Smoke exposure in vehicles was assessed with the following question: During the past seven days, on how many days did you ride in a car with someone who was smoking cigarettes?

Data: Wisconsin Behavioral Risk Factor Survey

Figure D.2. Rules on Smoking in the Home*, Adults, Wisconsin, 2017



* Rules on smoking in the home were assessed with the following question: Not counting decks, porches, or garages, which statement best describes the rules about smoking in your home: smoking is not allowed anywhere inside your home, smoking is allowed in some places or at some times, smoking is allowed anywhere inside your home, or there are no rules about smoking inside your home?

Data: Wisconsin Behavioral Risk Factor Survey

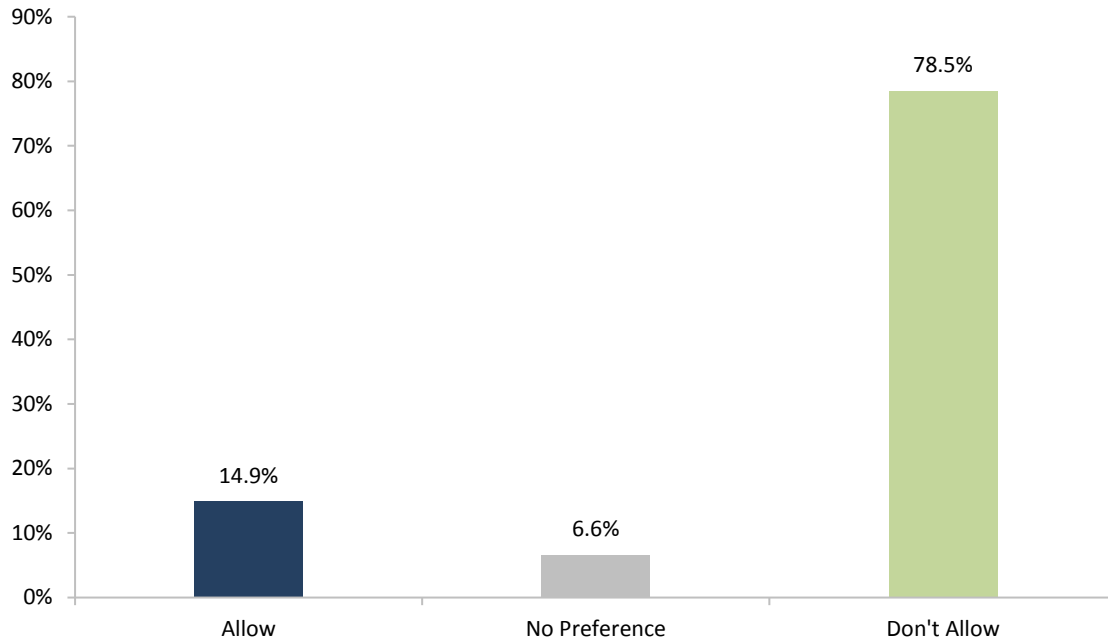
Table D.1. Policies on Smoking in Individual Units of Multi-Unit Housing Buildings, Adults*, Wisconsin, 2017

Is Smoking Prohibited in Your Housing Unit?	Prevalence
Yes	48.3%
No	51.7%

* This question is only asked of survey respondents who say they live in multi-unit housing buildings.

Data: Wisconsin Behavioral Risk Factor Survey

Figure D.3. Preferences on Allowing Smoking in Individual Units of Multi-Unit Housing Buildings, Adults*, Wisconsin, 2017



* This question is only asked of survey respondents who say they live in multi-unit housing buildings.

Data: Wisconsin Behavioral Risk Factor Survey

Table D.2. Opinion on the State Law That Prohibits Smoking in Public Places, Adults, Wisconsin, 2017

Opinion on Law	Prevalence
Oppose	6.1%
Neither Favor Nor Oppose	16.6%
Favor	77.3%

Data: Wisconsin Behavioral Risk Factor Survey

SECTION E. DATA SOURCES

Behavioral Risk Factor Surveillance System. U.S. adult smoking data are from the national Behavioral Risk Factor Surveillance System (BRFSS). The system is overseen by the U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Available from: <https://www.cdc.gov/brfss/>.

United States Census Bureau. The Wisconsin population estimate for 2017 is from the US Census Bureau. Available from: <https://www.census.gov/quickfacts/fact/table/wi#viewtop>.

Wisconsin Behavioral Risk Factor Survey. Wisconsin adult tobacco-related data are from the Wisconsin Behavioral Risk Factor Survey (BRFS). The survey is conducted by the Wisconsin Department of Health Services, Division of Public Health, Office of Health Informatics.

Wisconsin Interactive Statistics on Health. Wisconsin population estimates for years 1990 through 2016 are from Wisconsin Interactive Statistics on Health (WISH), which employs multiple sources from protected databases. WISH is developed and maintained by the Wisconsin Department of Health Services, Division of Public Health, Office of Health Informatics. Available from: <https://www.dhs.wisconsin.gov/wish/>.

